
2023-2024
ACADEMIC CATALOG
Blue Mountain
COMMUNITY COLLEGE

CONTENTS

Welcome to BMCC

Blue Mountain Community College (BMCC) is a comprehensive community college committed to providing a premier learning environment and support for student success.

Program areas include:

- Career and Technical certificates and degrees
- College transfer degrees
- Adult basic skills training
- Workforce development programs
- Continuing education
- Community Education
- Early College Credit

BMCC offers students high-quality instruction, affordable tuition, small class sizes, and student support services such as tutoring, computer labs, academic advising, and disability accommodations.

Though its taxing district comprises Baker, Morrow, and Umatilla counties, BMCC serves all of northeastern Oregon - including Grant, Union, and Wallowa counties - through its locations in Pendleton, Hermiston, Baker City, Milton-Freewater, Boardman, La Grande, and John Day. In addition, BMCC provides selected on-site services to the Confederated Tribes of the Umatilla Indian Reservation. BMCC uses distance education learning modalities to serve residents throughout the region, as well as a small number of students from around the world.

On average, BMCC employs 250 full-time and part-time persons, with an annual payroll of more than $15 million.

In 2022-2023, BMCC enrolled 4,616 students, of which nearly 50% were seeking a certificate or associate's degree. Sixty nine percent of students received some form of financial aid in 2022-23, and the average financial aid award amount for students during this period was $6,804. During the 2022-23 academic year, the BMCC Foundation awarded more than 120 different scholarships, totaling more than $268,000. Early College Credit classes were offered to area high school students; 10,435 credits were awarded to 1,181 students enrolled in college credit courses for the 2022-23 academic year. BMCC has also saved students more than $500,000 annually in textbook costs thanks to the use of Open Education Resources in nearly a quarter of BMCC classes.

Typical of community college student populations, the average age of all BMCC students is 28. Student demographic data rely on self-reporting: 37% of students identified themselves as belonging to minority populations, and 14.8% of students identified themselves as veterans. Class size is generally fewer than 25 students.

President's Welcome

On behalf of the faculty and staff, it is my pleasure to welcome you to the BMCC family. Whether you are joining us for college preparation, to earn a degree or certificate, gain technical training or assistance with workforce development, or for personal enrichment or self-improvement, we look forward to helping you find success at BMCC. To assist you in achieving your goals, BMCC offers an extensive advising program that is structured to facilitate a smooth transition into college life and to chart a course toward the accomplishment of your educational objectives. BMCC provides guidance in identifying financial aid and scholarship options to help you afford your education. Please take advantage of these services and schedule an appointment with an advisor soon - it will greatly improve the quality and value of your time at BMCC. Our faculty and staff are committed to putting Students First. Besides some of the highest quality programs and instruction, I encourage you to engage with clubs, team sports, student-government sponsored events, and more. You will grow closer to your fellow students, and find a connection to BMCC and the entire eastern Oregon region.

I look forward to meeting you and helping to make your experience at BMCC educationally and personally rewarding.

Go Timberwolves!

J. Mark Browning, President, Blue Mountain Community College

About Blue Mountain Community College

History

Blue Mountain Community College was established on July 1, 1962, after winning an overwhelming five-to-one vote of confidence by the residents of Umatilla and Morrow counties. The College opened its doors in September of that same year. Vocational-technical courses were initially taught at Pendleton's John Murray Junior High School; college transfer programs were added a year later. In 1965, BMCC moved the campus to the north hill overlooking Pendleton. Within 10 years, the original construction plans for the college were completed. In September 1992, the college purchased Columbia Hall in Hermiston to accommodate a growing student population in western Umatilla County. In October 1993, the College created a center in Milton-Freewater by leasing the former US Bank Building. In 1994, the Milton-Freewater Continuing Education Office and Basic Skills Center moved to the same location.

In November 1998, the voters in Morrow and Umatilla counties passed a bond measure for facility expansion in district growth areas. The bond-financed expansion of the centers in Hermiston and Milton-Freewater and the opening of the BMCC Morrow County Center in Boardman. The Pendleton campus expansion included new technical agriculture buildings, a new science and technology building, and the remodeling and upgrading of older facilities.

A ballot measure in March 2000 annexed Baker County into the BMCC district. Classes at BMCC Baker County began in the fall of 2000. In 2011, BMCC opened the Eastern Oregon Higher Education Center in Hermiston. The project, five years in the planning, expanded access to postsecondary education for the residents of communities in west Umatilla, north Morrow, and east Gilliam counties. Upon the Oregon State Legislature's approval in June 2009 of $7.4 million in lottery-backed bonds for the project, and with previously secured funds (including federal appropriations and private donations), BMCC began the design and construction of the new building. The building opened for classes in September 2011. There are now nearly 2,000 students taking more than 100 sections of courses at this facility.

Blue Mountain Community College celebrated its 50th anniversary in October 2012. In May 2015, the voters of Morrow and Umatilla counties approved a $23 million capital construction bond. These funds allowed the College to make efficiency improvements to HVAC and electrical systems and update safety, security, and technology on the Pendleton campus. In addition, bond dollars funded the construction of the Workforce Training Center, which opened in April 2017 in Boardman. This facility replaced the old Boardman Center and houses BMCC's Data Center Technician, Industrial Systems Technology, and Early Childhood Education programs, as well as provides general and community education.

In June 2017, BMCC opened the Precision Irrigated Agriculture Facility on the OSU Hermiston Agricultural Research & Education Center property in Hermiston. This facility has allowed further expansion of BMCC's Precision Irrigated Agriculture program and enhanced partnerships with OSU. In September 2017, BMCC opened a new agriculture facility on the Pendleton campus - the Facility for Agricultural Resource Management, or FARM. This facility expanded and enhanced BMCC's nationally-recognized agriculture, animal science, and livestock programs. In addition, bond dollars funded the renovation of the Milton-Freewater Center during the Summer of 2017. BMCC would like to thank the voters of Morrow and Umatilla counties for supporting these projects.

Blue Mountain Community College celebrated its 60th anniversary in October 2022.

Living in Eastern Oregon

Many communities in the counties served by the College have unique seasonal festivals and historic architecture that reflect the spirit and history of the region. The world-famous Pendleton Round-Up celebrates the heritage of the West each September with rodeo competitions, community events, and pageants in Pendleton. This cowboy sport is also enjoyed at county fairs and other festivals throughout the region. The Hermiston FunFest, Baker City's Miners' Jubilee, and the Umatilla Landing Days Festival are a few of the many popular events that showcase local products and community pride. Farmers' markets are also a part of Eastern Oregon culture. Beginning in the spring and continuing into fall, these weekly gatherings provide access to the freshest produce, arts and crafts, music, and opportunities for visiting with neighbors and new friends.

Bordered by the Blue Mountains, the Columbia River, and rolling crop land, our district abounds with recreational attractions. The local area offers an abundance of year-round recreational sites, including state and national parks. The Umatilla National Forest, under the jurisdiction of the U.S. Forest Service, provides more than 1 million acres of wilderness recreation opportunities. Skiing, snowboarding, fishing, hiking, rafting, and hunting are outdoor activities available to BMCC students, local residents, and visitors. There are also many golf courses, open roads for bicycling, and vibrant parks and

recreation organizations providing intramural sports and activities that will keep people of all ages busy throughout the year.
Eastern Oregon has four distinct seasons with a very livable climate. Sun-filled summers see temperatures ranging from 73 to over 100 degrees, while winters average 33 degrees. Humidity is low, averaging 45 to 50 percent. Our dry climate produces about 13 inches of rain each year. Snow is close at hand for winter fun.

The closest major cities to the main campus in Pendleton are Boise, Idaho (223 miles), Portland (210 miles), and Spokane, Wash. (206 miles). There is a small regional airport in Pendleton that serves travelers commuting to and from Portland. Also available at a reasonable distance is the Walla Walla, Wash., airport and the Pasco, Wash., airport.

Mission, Vision, & Core Values

- **Vision:** Blue Mountain Community College will be a recognized educational leader in achieving student success, completion, and advancement..
- **Mission:** Blue Mountain Community College provides responsive and high-quality innovative educational programs and services that promote personal and professional growth to strengthen our communities.
- **Values:** In support of our vision and mission, Blue Mountain Community College values:
    - **Integrity** that promotes trust, honesty, ethical behavior, and professionalism.
    - **Communication** that is open, honest, and encourages a cooperative exchange of thoughts and ideas.
    - **Compassionate relationships** based on empathy, kindness, and reliability.
    - **Access** to all in an equitable manner.
    - **Respect** of all individuals for their uniqueness and diversity.
    - **Excellence** in an educational environment that engages, challenges, advances intellectual curiosity and fosters lifelong learning.

Strategic Plan & Goals - 2021 - 2024

The Blue Mountain Community College Board of Education reviews the 2021 - 2024 strategic plan on an annual basis and will accomplish the goals listed below. These goals were refreshed in 2021.

- Offer relevant and dynamic education in response to community and industry needs
- Empower students to advance on their educational path in a Students First learning environment
- Foster a culture of learning and growth in an environment of diversity, equity, and inclusion

Campus and Locations

Typical of many community colleges, Blue Mountain Community College has a main campus, four centers, two contract-out-of-district (COD) locations, and a distance learning delivery system to better serve students in the region. Students have access to the following services at all BMCC locations:

- Information for obtaining financial assistance (grants, loans, scholarships)
- Academic advising and degree planning
- Placement assessments in math and writing
- Courses, workshops, and other educational offerings
- Tutoring and/or academic assistance; computer labs
- Disability accommodations

Each site offers services unique to its operation, but all enable students to access a variety of distance education and online courses.

BMCC CAMPUS

BMCC PENDLETON

P.O. Box 100 / 2411 N.W. Carden Avenue
Pendleton, OR 97801
Phone: 541-276-1260 or 541-278-5759
Fax: 541-278-5871
Email: getinfo@bluecc.edu

BMCC CENTERS

BMCC BAKER COUNTY

3275 Baker Street
Baker City, OR 97814
Phone: 541-523-9127
Fax: 541-523-9128
Email: bmccbaker@bluecc.edu

BMCC HERMISTON (Eastern Oregon Higher Education Center)

975 S.E. Columbia Drive
Hermiston, OR 97838
Phone: 541-567-1800
Fax: 541-289-2876
Email: bmcchermiston@bluecc.edu

BMCC PRECISION AGRICULTURE

2121 S. First St.
Hermiston, OR 97838
Phone: 541-289-2873
Email: aleggett@bluecc.edu

BMCC MILTON-FREEWATER

311 N. Columbia
Milton-Freewater, OR 97862
Phone: 541-938-7176
Fax: 541-938-3763
Email: bmccmiltonfreewater@bluecc.edu

BMCC WORKFORCE TRAINING CENTER (Morrow County)

P.O. Box 939 / 251 Olson Rd
Boardman, OR 97818
Phone: 541-481-2099
Email: BMCCMorrowCounty@bluecc.edu

BMCC CONTRACTED OUT OF DISTRICT LOCATION (COD)

BMCC GRANT COUNTY

835-B S. Canyon Blvd.
John Day, OR 97845
Phone: 541-575-1550
Fax: 541-575-2920
Email: getinfo@bluecc.edu

BMCC UNION COUNTY

708 K Ave, #49
La Grande, OR 97850
Phone: 541-215-0305
Email: getinfo@bluecc.edu

Accreditation

Regional Accreditation

Blue Mountain Community College is accredited by the Northwest Commission on Colleges and Universities.

Accreditation of an institution of higher education by the Northwest Commission on Colleges and Universities indicates that it meets or exceeds the criteria for the assessment of institutional quality evaluated through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the Northwest Commission on Colleges and Universities is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding an institution's accredited status by the Northwest Commission on Colleges and Universities should be directed to the administrative staff of the institution. Individuals may also contact:

Northwest Commission on Colleges and Universities 8060 165th Avenue N.E., Suite 100, Redmond, WA 98052 (425) 558-4224 | www.nwccu.org

Program Accreditation

Programs at the college are approved by the Oregon Department of Education, to offer education and training under the various public laws pertaining to financial assistance to veterans.

- **A.A.S. Nursing program:** fully approved by the Oregon State Board of Nursing.
- **Certificate Emergency Medical Technician program:** courses are accredited by the Oregon Department of Education.

Equity and Non-Discrimination Policies

Public Notification of Non-Discrimination in Educational Programs

It is the policy of the Blue Mountain Community College Board of Education that there will be no discrimination or harassment on the grounds of race, color, sex, marital status, sexual orientation, religion, national origin, age or disability in any educational programs, activities, or employment. Persons having questions about equal opportunity and nondiscrimination should contact the BMCC Title IX Coordinators, Room 13 Morrow Hall, Blue Mountain Community College, 2411 NW Carden, Pendleton OR 97801, Phone: 541-278-5947. Email: HR@bluecc.edu. For hearing impaired assistance please call Oregon Relay at 7-1-1.

Photo/Video Release Policy

Blue Mountain Community College (BMCC) uses photographs, photographic images, names, and audio and video recordings of employees and students for general publicity in publications, on its website, on social media, in public relations, promotions, publicity, advertising, etc.

BMCC does not collect release forms from its students, employees, or guests for the use of images or films taken in public places on campus. Any employees, students (or the parents or guardians of such persons, if under age 18), or guests who do not want to be photographed or recorded, or to have their names, voices, or biographical materials used in connection with any such recording, must notify the Marketing Office at BMCC.

In addition, employees, students, and guests who do not want to be photographed or recorded, and who have notified the Marketing Office in writing, are responsible for removing themselves from the area in which photographing/recording is occurring, or notifying the camera operator of their opt-out status. Failure to do so may result in the individual's inclusion in a photograph or recording; will be deemed equivalent to a release, and will allow the college to use that photograph or recording as it chooses.

Click here to access the Photo Opt Out Release form. The form is on the second page of this document.

Non-Credit Workforce Development and Community Education Programs

Continuing and Community Education

Continuing Education is for everyone! Learn valuable professional development skills or pursue your personal interests or passions. Our noncredit courses are affordable and we provide a variety of options. Financial aid does not apply and coursework cannot be applied to programs of study that require academic credits. Continuing Education courses are available entirely online or you can enroll in a campus-based class or at one of our Centers. Continuing and Community also includes the following program areas: adult basic education (ABE), general educational development (GED) preparation, English language acquisition (ELA), and the JOBS program. For more information about any of these programs call 541-278-5152 or visit us on the Web at www.bluecc.edu. Learn more by visiting https://www.bluecc.edu/academics/departments/community-and-continuing-education.

Small Business Development Center (*SBDC)*

BMCC's SBDC is part of America's SBDC network that includes 19 centers in Oregon and nearly 1,000 centers across the country. Our SBDC is funded by the college, the US Small Business Administration (SBA), the Oregon Business Development Department, and local public and private supporters.

Our premier service is free, confidential, one-on-one business advising by experienced business owners. In addition, training and resources are available to assist small business owners in every aspect of business development and management - many are offered online as workshops, webinars, or complete courses.

Our business advisors meet with SBDC clients by phone call or video conference. To take advantage of all the network has to offer, clients don't even have to leave their home or office.

The services of the BMCC Small Business Development Center are available year-round to new or experienced business owners in Baker, Umatilla, and Wallowa counties. Clients range from students

planning their first business to owners and managers of companies with hundreds of employees. Visit BMCC's SBDC home for an overview of programs or register for our services.

College and Career Readiness

The College and Career Readiness Department includes the following program areas: adult basic education (ABE), general educational development (GED) preparation, English language acquisition (ELA), and the JOBS program. College and Career Readiness programs are available either in person or remotely at all BMCC locations. For more information about any of these programs call 541-278-5795 or visit us on the Web at www.bluecc.edu/careerready.

Adult Basic Education (ABE)

Adult Basic Education classes provide instruction for adult learners in the foundational skills of reading, writing, and math to help them transition into the labor market, higher academics, or workforce training. ABE classes are available to students who have GED credentials or a high school diploma but have been away from academics for an extended time. ABE programming is available at BMCC in Pendleton, Hermiston, Baker City, Milton-Freewater, and Boardman.

General Educational Development (GED)

General Educational Development classes are offered for students who want to obtain a GED credential, which is a recognized high school diploma equivalent. Students earn the GED when they receive passing scores on the battery of four exams: Reasoning through Language Arts, Mathematical Reasoning, Social Studies, and Science. At BMCC, students can earn college credit while studying for GED certification; the student preparation schedule includes basic math, writing, and reading courses that are tied to college credit. GED programming is available at BMCC in Pendleton, Hermiston, Baker City, Milton-Freewater, Boardman, and our contracts out of district in Grant and Union counties.

GED.com is a study site offered as an alternative to students who want to study at their own pace. The site is designed to increase technology skills and help students study for the GED exams.

Students who earn a GED through BMCC's GED program may participate in the BMCC commencement exercises held in June. For more information on participation in graduation ceremonies, call 541-278-5795.

Information on the GED test can be accessed at www.ged.com.

A high school release is required for students 16 and 17 years old. Information on testing and school release may be obtained from the BMCC Testing Center in Pendleton at 541-278-5931.

English Language Acquisition (ELA)

English Language Acquisition instruction is offered to all levels of non-English speaking students who wish to improve their ability to read, write, listen, and speak in English. ELA programming is available through BMCC in Pendleton and Hermiston; however, distance learning connections can be arranged. College and Career Readiness Department offices are located in Pendleton, on the upper level of Morrow Hall in M-200. Contact the College and Career Readiness Department at 541-278-5795.

Job Opportunities and Basic Skills for Oregon's Future (JOBS)

JOBS for Oregon's Future is the state's employment and training program for people on public assistance. Through a contract with the Oregon Department of Human Services Self-sufficiency office, BMCC provides JOBS Program services in Umatilla and Morrow counties. JOBS services may include individualized guidance and small group classes in employment assessment, intensive work-search assistance, training in workplace basics and work ethics certification, employment stabilization services, and life skills. Clients receiving help through the Temporary Assistance for Needy Families Program (TANF) may be placed as a volunteer in a limited-duration work experience training position with private employers.

The JOBS Program works closely with BMCC's Career Ready department, as well as with other BMCC educational services, to explore students' options for studying for and obtaining a GED in an environment that suits their personal needs and goals. Education classes are offered on campus, or through GED Academy online to help JOBS clients meet their goals. Adult Basic Education (ABE) classes are available, and support for teens obtaining their High School Diploma is also available. The JOBS Program is located at BMCC Hermiston, BMCC Milton-Freewater, and BMCC Pendleton. For more information, please contact the JOBS Program manager at 541-289-2822/541-278-5159.

Contact Us

(Area Code: 541)

BMCC Services

Admissions	278-5853
Advising	278-5853
Alumni	278-5823
Ambassadors	278-5936
Art Gallery, Betty Feves	278-5952
Athletics	278-5900
Canvas Support	278-5763
Computer Services / Help Desk	278-5827
CTUIR / Tribal Liaison	278-5935
Disability Services	278-5958
EOU Distance Education	278-5776
Enrollment Services	278-5759
Financial Assistance to Students	278-5779
Foundation	278-5775
Health and Wellness Resource Center	278-5835
Human Resources	278-5837
Inclement Weather Information	276-1260
Learning & Student Success, Office of	278-5930
Library	278-5915
Maintenance	278-5903/5904
Marketing	278-5774
Math Cafe	278-5168
President's Office	278-5951
Print Center	278-5966
McCrae Activity Center	278-5896
OSU Extension Office	278-5403
Recruitment (Student)	278-5853
Registrar	278-5757
Room Scheduling	278-5155/278-5930
Scholarship	278-5762
Service Center	278-5759
Small Business Development Center, Pendleton	278-5833
Student Employment	278-5779
Student Accounts	278-5744
Student Government Office/Student Activities	278-5958
Student Success Center	278-5958
TDD Hearing Impaired	7-1-1
Testing	278-5931
Theater Box Office	541-215-9917
TRiO Student Support Services	278-5855/5849
Tutoring (Library)	278-5915
Veterans' Assistance	278-5756

Academic Departments

Agriculture	278-5845
Apprenticeship	278-5854
Business Administration	278-5740
Career Ready	278-5795
Computer Science	278-5877
Data Center Technology	278-5761
Diesel Technology	278-5821
Early Childhood Education	278-5941
Education	278-5941
Emergency Medical Technician (EMT)	278-5786
English	278-5945
Fine Arts	278-5955
Fire Science	278-5799
Industrial Systems Technology	541-481-2099 ext. 3411
Mathematics	278-5761
Medical Assisting	278-5878
Nursing	278-5852
Physical Education	278-5899
Science	278-5788
Social Science	278-5920
Veterinary Studies	278-5845

BMCC Location-Specific Services

BMCC Baker County	523-9127
	or 276-1260 ext. 3201
BMCC Grant County	575-1550
BMCC Hermiston	567-1800
	or 276-1260 ext. 3303
BMCC Milton-Freewater	938-7176
	or 276-1260 ext. 3171
BMCC Morrow County	481-2099
	422-7040
BMCC Union County	663-3319
Career Readiness Program	278-5795
JOBS Programs	
Hermiston	567-1800 ext. 3322
Milton-Freewater	938-4082 ext. 3175
Pendleton	276-9050 ext. 229
Small Business Development Center (SBDC), Pendleton	278-1260 ext 229
Community Corrections Education	276-7824 ext. 249
Eastern Oregon Correctional Institution (EOCI Ed.)	278-7102

Powder River Correctional Facility (PRCF Ed.)	278-7102
Two Rivers Correctional Institution (TRCI Ed.)	922-6135

Academic Calendar

2023 - 2024 Academic School Year

Term/Year	Summer 23	Fall 23	Winter 24	Spring 24
Schedule Opens	5/8/23	5/8/23	10/23/23	2/5/24
Registration Opens	5/22/23	5/22/23	11/13/23	2/26/24
Application & Admission Deadline		9/22/23	1/5/24	3/28/24
"Welcome to the Pack" event		9/20/23		
Term Begins	7/3/23	9/25/23	1/8/24	4/1/24
Online Registration Closes	7/6/23	9/29/23	1/12/24	4/5/24
Full Refund deadline	7/6/23	9/29/23	1/12/24	4/5/24
Last Day to Request Audit	7/6/23	9/29/23	1/12/24	4/5/24
Financial Aid Census Date	7/6/23	9/29/23	1/12/24	4/5/24
Tuition Due	7/6/23	9/29/23	1/12/24	4/5/24
Last Day to Post 1st Week Attendance	7/10/23	10/2/23	1/15/24	4/8/24
First Refund/Stipend Date	7/13/23	10/5/23	1/18/24	4/11/24
Last Day to Add w/instructor permission	7/13/23	10/6/23	1/19/24	4/12/24
Financial Holds Placed on Accounts	7/17-7/20	10/16-10/20	1/29-2/2	4/22-4/26
Last day to withdraw	8/13/23	11/12/23	2/25/24	5/19/24
Final Exams	last day of course	12/4/23 - 12/8/23	3/18/24 - 3/22/24	6/10/24 - 6/14/24
6-week session ends	8/12/23			
Last day to unregister & full refund	7/6/23			
Last Day to Post 1st Week Attendance	7/10/23			
Last Day to Add with instructor permission	7/6/23			
Last day to withdraw	7/23/23			
10-week session ends	8/31/23			
COMMENCEMENT (Wednesday)				6/12/24
Term Ends	**8/31/23**	**12/8/23**	**3/22/24**	**6/14/24**
Grades due (11:59 pm)	9/3/23	12/11/23	3/24/24	6/16/24
CAMPUS CLOSED DATES				
Juneteenth (6/19)	6/19/23			
Independence Day (7/4)	7/4/23			
Labor Day		9/4/23		
Staff Pre-Service		9/19/23		
Pendleton Round-Up (9/11-9/15)		9/15/23		
Veteran's Day		11/10/23		
Thanksgiving break		11/23/23 - 11/24/23		

Winter Break		12/22/23 - 1/1/24		
Martin Luther King Day			1/15/24	
Spring Break (wk of 3/25 - 3/29)			3/29/24	
Staff Inservice (Closed 1- 5 pm)			1/26/24	4/26/24
Memorial Day				5/27/24
Summer Hours				6/17/24 - 8/30/24

Updated 2.28.22 - per approved faculty calendar 4.26.22 approved by CPC 9.6.22 updated Commencement date

Academic Services and Enrollment Policies

Drug and Alcohol Policy Statement

Blue Mountain Community College is committed to maintaining a drug-free institution to create a safe and healthy learning and work environment and to assist its students and employees who may have problems with drugs or alcohol, in accordance with the Drug-Free Schools and Campuses Regulations (34 CFR Part 86) of the Drug-Free Schools and Communities Act (DFSCA). To view BMCC's full Drug & Alcohol Abuse Prevention Program, please visit **https://www.bluecc.edu/support-services/safety/drug-and-alcohol-abuse-prevention-program**.

Special Needs Contact Statement

Persons having questions about or requests for special needs or accommodation should contact the Director, Student Resource Center at Blue Mountain Community College, 2411 NW Carden, Pendleton, OR 97801

Phone 541-278-5958 for Services for Students with Disabilities or use Oregon Relay (7-1-1) for hearing-impaired assistance. Contact should be made 72 hours in advance of the event.

Services for Students with Disabilities

BMCC is committed to providing equal access to all qualified students with disabilities. Providing academic adjustments and supporting aides and services to students with disabilities to remove barriers to physical spaces and provide program access is an important goal at BMCC. Faculty and staff members are informed, understanding, and supportive.

Students may qualify for services by providing appropriate documentation of their disability (-ies) at the time of the initial request. Accommodations will be arranged upon verification of provided documentation. Those requiring assistance with this process may work with the Director, Student Resource Center, located at the Pendleton campus but available to all students at any BMCC location. Once the student is qualified for services, the Director and the student will work together to determine which services will most benefit the student in a particular situation. Accommodations are arranged on an individual basis.

Computers featuring assistive technology are available to support students. Other available support services include peer mentors, teletherapy, tutors, and resource referral.

Some accommodations take time to prepare and require advanced notice. For further information, Director, Student Resource Center at 541-278-5958 or disabilityservices@bluecc.edu.

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights regarding their education records. They include but are not limited to the right to:

- Inspect and review the student's records
- Seek amendment of the student's records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights
- Consent to disclosure of personally identifiable information contained in the student's education records, except for when consent is not required by FERPA
- File a complaint with the Department of Education, Family Compliance Office, concerning alleged failures by the college to comply with the requirements for FERPA

Directory Information

FERPA allows colleges to disclose directory information without consent. BMCC has chosen to release Directory Information as defined in FERPA. The following information is considered to be BMCC directory information and may be released by the college registrar or designee upon request:

- Student's name
- Student's address
- Student's email address
- Date and place of birth
- Student's telephone number
- Field of study
- Class Level
- Dates of attendance
- Degree, honors, and awards
- Participation in officially recognized activities and sports
- Height and weight of members of athletic teams
- Most recent previous educational institution attended by the student

Disclosure of education records is allowed when a court approves an application submitted by the Assistant U.S. Attorney General (or higher-ranking federal official) that contains "specific and articulable facts" that the education records are relevant to the investigation of or prosecution of terrorism. FERPA was amended to allow such disclosures by Section 507 of the USA Patriot Act.

Directory Information for use within the college is permitted in accordance with FERPA guidelines, however, disclosure with the college does not constitute institutional authorization to transmit, share or disclose any or all information received to a third party.

Restriction of Directory Information

When students restrict the release of directory information, the preceding information will not be released. The ability to allow or restrict the use of directory information is available through the student's online portal. The restriction of information is permanent until the student requests, in writing and includes a copy of a valid picture ID, to the Registrar's office, that it be removed. The restriction remains in place even after the student has stopped attending BMCC or graduated from the college.

Students with a directory exemption on file will:

- Be required to show a valid picture ID prior to receiving student record assistance
- Prohibit our ability to assist a student, others claiming to be the parent, relatives, friends, other students, or prospective employers over the phone with other than general college information
- Prevent their name from appearing on honor roll listings or in the commencement program
- Prevent us the National Student Clearinghouse from verifying student attendance or degrees

Restricted directory information is made available where an emergency is involved, at the direction of a subpoena or court order, to BMCC staff and faculty with a legitimate educational need to know, or in other limited situations as determined by the Dean of Student Engagement, Retention, and Strategic Planning or the Registrar.

FERPA Annual Notice to Reflect Possible Federal and State Data Collection and Use

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expand the circumstances under which your education records and personally identifiable information (PII) contained in such records - including your Social Security Number, grades, or other private information - may be accessed without your consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Census Bureau in connection with the 2020 Census, the U.S. Secretary of Education, or state and local education authorities ("Federal and State Authorities") may allow access to your records and PII without your consent to any third party designated by a Federal or State Authority to evaluate a federal or state-supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education," such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to your education records and PII without your consent to researchers performing certain types of studies, in certain cases even when we object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without your consent PII from your education records, and they may track your participation in education and other programs by linking such PII to other personal information about you that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

For more information or to exercise your rights contact the Director of Enrollment Services/Registrar.

Solomon Amendment Disclosure

The Solomon Amendment requires by law that upon the request from recruiters of branches of the military, the college release:

- Student name
- Address
- Email address

- Telephone number
- Date of birth
- Educational level
- Academic major
- Degrees awarded
- Most recent educational institution enrolled in by the student

If a student requests that this information not be released, BMCC will not release to military recruiters or other parties except as specified in this notification or upon written permission from the student.

Photo ID Cards

Students have the option of receiving a BMCC Student ID card. In order to request an ID card the student must provide a valid picture ID and be currently enrolled at the College. Photo ID's are not considered a state or federally issued id.

Student Email Accounts

Students will be issued a BMCC email account which will be used for official college business and events. Students are responsible for activating their accounts prior to or during their first term at BMCC. Students should check their BMCC email account frequently as they will be held responsible for all notices sent to their BMCC email account. This email account will be used by all instructors and staff at BMCC to communicate.

Admission, Registration, and Procedures

Admission

BMCC accepts applications on a continuing basis. New, returning, and transfer students must complete the online application process. To request an alternative format, contact Admissions at admissions@bluecc.edu or by calling (541) 278-5853. BMCC reserves the right to close admission prior to the application deadline or extend the deadline based on special circumstances. Requests for late admission should be sent to the Director, Recruitment & Retention.

Entrance Requirements: Blue Mountain Community College has an open-door admission policy. To be accepted for general admission, students must be 18 years of age or older, be legally emancipated, have graduated from high school, or have completed a General Education Development (GED) certificate.

Students will be considered accepted for general admission or conditionally admitted based on the following criteria:

General Admission: In general, students that are seeking a certificate or degree and meet at least one of the following criteria, will be considered admitted to the college and eligible to enroll.

- Are eighteen years of age or older, **or**
- Are legally emancipated (with documentation) **or**
- Have graduated from an accredited high school **or**
- Have completed a General Educational Development (GED) certificate or an adult high school diploma **and**
- Have the ability to benefit from instruction

Students that have completed high school requirements in a home-schooled setting may be required to provide the following documents to the Director of Enrollment Services/Registrar in order to register in credit courses:

- A letter from their local Education Service District (ESD) or equivalent from states with differing educational agencies, stating their release from compulsory school attendance under the provisions outlined in ORS 339.030, and
- Complete placement assessments in writing and math. Students may be exempt from one or both of the assessments. Alternative placement options are available on BMCC's website.
- If under the age of 16, at least one parent's signature is required on any enrollment or registration document

Conditional Admission: Students that meet one or more of the following criteria will be considered conditionally admitted. Students in this category are not eligible for Federal Title IV aid:

- Non-degree seeking students
- Students that have not completed high school or a GED
- Students under the age of 18 (unless they have completed high school)

Students under eighteen years of age who have not completed a high school diploma or the equivalent:

In order to take credit courses these students will be required to provide the following documents to the Director of Enrollment Services/Registrar:

- A letter from a high school administrator or local Education Service District (ESD) stating that you have been released

from compulsory school attendance under the provisions outlined in ORS 339.030, and

- Complete placement assessments in writing and math. Students may be exempt from one or both of the assessments. Alternative placement options are available on BMCC's website, and
- For students under the age of 16, at least one parent's signature on any enrollment or registration document, and
- Prior to enrollment, the student and at least one parent will be required to meet with the Director of Recruitment and Retention to discuss the student's ability to benefit from the instruction desired and acknowledge that the student will be in a classroom situation with other adults without the same protections and rules of the K-12 system.

Students under the age of eighteen and still attending high school: In order to take credit courses these students will be required to provide the following documents to the Director of Enrollment Services/Registrar:

- Written acknowledgment from a high school administrator or a counselor of the student's attendance and or participation in credit courses offered by the college; and
- Complete placement assessments in writing and math. Students may be exempt from one or both of the assessments. Alternative placement options are available on BMCC's website, and
- For students under the age of 16, at least one parent's signature on any enrollment or registration document, and
- An acknowledgment that the student will be in a classroom situation with other adults and without the same protections and rules of the K-12 system.
- Students that are taking courses to complete their high school credit requirements should check with their high school administration to ensure that the credits taken will transfer back to their high school in the way intended.

Transfer students: Students transferring from another college or university must complete the admission process and may have one or more placement requirements waived based upon receipt of their other college transcripts or upon confirmation that they have met placement according to BMCC's placement matrix.

Adult Basic Education (ABE) and General Educational Development (GED): These programs are open to non-high school graduates who are at least sixteen years of age and not enrolled in high school. Students who are sixteen and seventeen years of age must provide the college with a release from the high school district in which they reside according to ORS 339.030. For more information, contact the Department of College Preparatory Programs at 541-278-5803.

Non-Degree Seeking students: Many students take college credit courses at BMCC, yet are not planning to earn a certificate or degree. Such students apply through the regular application process and may be required to complete placement assessments in writing and or math. Alternative placement options are available on BMCC's website. These students are not required to participate in advising but are welcome to do so.

International Students: BMCC is no longer accepting applications for international students (F-1 OR M-1 VISA).

Limited Entry Programs: BMCC offers a number of limited-entry programs. Each program has special admission requirements that must be met before you can be admitted. General admission to BMCC does not guarantee acceptance into these programs. The admission requirements may change annually depending on Oregon state regulations and BMCC policies. For the most current admissions policy information and deadlines, please contact admissions@bluecc.edu or the academic department, or consult BMCC's website.

Identity Verification: BMCC does not have an identity verification process specific to distance education students and applies the same identity verification standards for all students. Students who complete the FAFSA have their identity verified (via government-issued ID or passport) when required by the federal government. BMCC's online admissions application utilizes an email verification code, which expires within 10 minutes, to ensure the student record is correctly associated with the student's personal email address. There are no fees directly associated with identify verification, however, technology services and systems are supported by the Technology Fee, which is included on our schedule of fees (https://www.bluecc.edu/enrollment-services/registration/tuition-and-fees) and in the Academic Catalog.

BMCC uses information provided in the College's SIS to verify student identity for access to online software and resources such as WolfWeb (Student Portal), Canvas, and Student Email. BMCC utilizes single sign-on for all student resources to ensure a secure and seamless student experience. Students are required to enter their username and password for each session in any of these online resources. Students experiencing difficulty accessing these online resources are required to contact the IT Helpdesk for assistance resetting their password. For security purposes, IT staff verify student identity against at least three separate pieces of student-

provided information in the SIS. Upon verification, students are provided with a temporary password that expires within 48 hours (or upon first login), at which point the student is required to set a new strong password. Student-created passwords are compliant with strong policy restrictions dictated by Microsoft (eight character minimum and at least three of the following: uppercase letters, lowercase letters, numbers, and special characters) one number, and one letter).

Immunizations

The Oregon Department of Health requires community college students born on or after January 1, 1957, to have two doses of the measles vaccine before participating in clinical experiences in allied health, nursing, and human services programs; practicum experiences in education and child care programs; and intercollegiate sports. If you are enrolling in the nursing program and in some health programs, you may also be required to comply with Chapter 409, Oregon Health Authority, Office for Oregon Health Policy and Research, Division 30: Administrative Requirements for Health Profession Student Clinical Training (OAR 409-030-0100 to 409-030-0250) prior to clinical placement. For details about these requirements, contact the department that oversees the program in which you plan to participate.

Students will be required to submit verification of two doses of measles on or prior to attendance in a clinical or practicum experience or participation in an intercollegiate sport. Registration holds will be placed until immunization records have been received by the Registrar's Office.

Residency Policy

Determination of residency for purposes of tuition will be made according to the following definitions.

In-State: At least one of the following requirements must be met by the student:

1. The student has resided in the state of Oregon for at least ninety (90) continuous days prior to the first day of the term.
2. The student, or a member of his/her immediate family, holds title to or is purchasing property claimed as a permanent Oregon residence.
3. The student filed an income tax statement with the Oregon Department of Revenue for the most recent reporting year.
4. A veteran established residence within the college district within one (1) year of separation or discharge from the Service.
5. The student is a dependent of parents or legal guardian who has established residency within Oregon.
6. Residents of the following states: Washington, Idaho, Nevada, Montana, and California

Out-of-State: Students who list their state of legal residence as a state other than Oregon, Idaho, Washington, Nevada, Montana, or California. This excludes students who have provided documentation to establish In-State residency as indicated by this policy.

Non-U.S. Citizens: Students who are citizens of another country will pay the international tuition rate.

Guidelines: Students who graduate from a high school other than in Oregon, Idaho, Washington, Nevada, Montana, or California within the last two years will be considered out-of-state and may be required to provide proof of Oregon residency.

Residency requirements apply to the readmission of students who have established residency in another state since their last enrollment at the college. This will be checked at the time of readmission to the college.

Students that establish their 90-day residency requirement during their current term of enrollment will be granted in-state residency status for the following term of enrollment for the academic year in which they apply for residency.

Alaska residents who wish to receive the Alaska Permanent Fund Dividend while attending the college should consult their state agency prior to applying for in-state residency as it may affect their ability to receive those funds.

Process to Establish Residency: Students who wish to establish residency for purposes of receiving in-state tuition rates must complete a Proof of Oregon Residency form and provide at least one of the following documents:

1. An Oregon hunting or fishing license that was issued at least ninety days prior to the beginning of the term
2. A copy of a deed of title, mortgage agreement, or recent county property tax statement indicating ownership or

purchase by the student or the immediate family. If ownership is by anyone other than the student, a document verifying the familial relationship between the student and the owner must be presented.

3. A current Oregon voter precinct card
4. A copy of a signed Oregon income tax statement filed during the latest reporting year or payroll records from an Oregon firm indicating ninety continuous days of residency in Oregon
5. A copy of an official Oregon high school transcript or GED scores earned n the state of Oregon
6. A copy of a current valid Oregon driver's license (front and back of license) issued at least ninety days prior to the beginning of the term
7. A copy of a current valid Oregon ID card (front and back of id card) issued at least ninety days prior to the beginning of the term
8. A copy of a current utility bill dated at least ninety days prior to the beginning of the term
9. DD214 (veterans)

Requests are reviewed and approved by the Registrar or their designee. All appeals for issues regarding the college's residency requirement will be submitted in writing to the Dean of Student Engagement, Retention, and Strategic Planning.

Course Placement

All BMCC students planning to register for a math or writing course (excludes MTH025, MTH062, WR060, and WR065 which do not require placement) or for a course where math or writing is a prerequisite, must complete one of the following placement options:

- Take a math or writing placement test: BMCC uses the College Board's ACCUPLACER for writing placement and ALEKS for math placement. The ACCUPLACER assessment is a computer-based format with unlimited time and provides immediate scores. The ALEKS placement is a self-proctored assessment. Each placement test assesses academic skills and helps place the student into the right level of courses. Placement scores are valid for two years from the date taken. Placement scores from other third parties may be used as approved by the math and writing department.
- Complete a college-level math and writing course with a grade of "C" or better at another regionally accredited college and submit transcripts to student records prior to registration.
- Provide placement scores from another college within the last two years. Scores must be sent to BMCC from the college or university where the assessment was taken.
- AP Test Scores: Students that have taken an AP math or writing test can have their scores sent to BMCC from the College Board. Test scores are accepted for up to three years after the exam date.
- High School Transcripts: Students must have graduated within 5 years of their date of matriculation and must have a minimum cumulative grade point average (CGPA) of 3.0.

Students auditing a course are exempt from the placement requirement.

Registration

Students are required to register online unless otherwise directed. Students will not be permitted to register if a debt is owed to the College. Students must be registered in order to attend or participate in a class/course. In some instances, the instructor may allow the student to participate if their request to register is in a pending status.

Students may register online through the date identified on the college's annual Academic Calendar. Students wishing to add a course after that date must submit a Request to Add a Course. Instructors will have the option to approve or deny the request. If approved, the request will be reviewed by the respective Dean. Requests approved by the Dean will be sent to enrollment services for processing and notification to the student. For more information on registration dates and timelines, see the Academic Calendar found in this catalog or visit our Website.

For registration assistance due to a disability, please contact the Director, Student Resource Center at 541-278-5958.

Enrollment Level Defined: Enrollment levels per term are defined as follows:

- **Full-time:** 12 + credits
- **Three-quarter time:** 9 - 11 credits
- **Half-time:** 6 - 8 credits
- **Less than half-time:** 0 - 5 credits
- **Not enrolled:** Students that are not enrolled in credit or non-credit courses in a given term

Required Courses and Prerequisites: Many of BMCC's courses require students to meet one or more prerequisite

requirements. Prerequisite courses must be completed with a grade of "C" or better. Instructors have the option to waive this requirement on a case-by-case basis.

Students Under the Age of 18

- Students that are 16 or 17 years of age and no longer attending high school, are home-schooled, or have not graduated from high school or completed a GED, and wish to register for courses may do so by providing the following:
    - A letter from a high school administrator stating that the student has been released from compulsory attendance under the provisions outlined in ORS 339.030; and
    - An assessment by a BMCC advisor regarding the student's ability to benefit from the instruction desired, and
    - An acknowledgment that the student will be in a classroom situation with other adults and without the same protections and rules of the K-12 system; **and**
    - Instructor approval
- Students Under the Age of 16: Students under 16 years of age that no longer attend high school, are home-schooled, or who have not graduated from high school or completed a GED, and wish to register for courses may do so by providing the following:
    - A letter from a high school administrator stating that the student has been released from compulsory attendance under the provisions outlined in ORS 339.030; and
    - An assessment by a BMCC advisor regarding the student's ability to benefit from the instruction desired, and
    - A parental signature for students on any enrollment or registration form that obligates the student financially, and
    - An acknowledgment that the student will be in a classroom situation with other adults and without the same protections and rules of the K-12 system; **and**
    - Instructor approval

High School Students (Early College Credit): Students who are still attending high school or who are home-schooled, and wish to take credit courses at BMCC, have these options:

- High school students 16 and older are eligible to register at BMCC. High school students who register at BMCC are fully responsible for complying with all the policies and procedures of the College as outlined in BMCC's Admission policies. It is important to note that parents cannot access student records (grades, class schedule, attendance, etc.) without written permission from the student. Although members of the College staff can provide academic advising, they cannot interpret high school requirements or act in a supervisory role. The student is responsible for all tuition, fees, books, and related expenses.
- BMCC works with area high schools to offer students the opportunity to earn college credit for certain career and technical education and general education transfer courses they complete at their high school. Course offerings vary by high school and are designed for students 16 years of age or older. General education transfer courses can be used to meet BMCC certificate or degree requirements as well as for transfer to most Oregon community colleges and universities. Students should check with all colleges about their policies for transferring college credits earned in high school.
- Students at a public high school that have an articulation agreement with BMCC may meet the educational requirements of both the high school and a college-level BMCC course if they are enrolled for Early College credit in a class taught at the high school. This challenging coursework offers students the opportunity to begin building a college transcript while still enrolled in high school. Early College courses and credits appear on a BMCC transcript as though they were taken at BMCC. Early College courses normally transfer to four-year institutions in the same way as any other BMCC coursework. Not all courses are available at every high school. High school students may check with their high school counselors and teachers for course availability, costs, and other requirements. Students should also check with the college to which they wish to transfer if they want to ensure that Early College coursework will transfer.

Expanded Options: High school students have the opportunity to take credit courses at BMCC. Students interested in the Expanded Options program should work with their high school counselor or Aspire coordinator for more information on eligibility requirements.

BMCC offers a dual-enrollment program in conformance with Oregon's Expanded Options legislation (also known as SB300 and SB23). This program offers high school students the ability to take BMCC classes to earn college credit and to earn credit toward high school graduation at the same time. Each high school sets its own criteria for entry into the program and monitors student progress. College-level credits earned are transcribed through BMCC and are, in most cases, transferable to other colleges.

Though similar, Early College and Expanded Options programs have distinct differences:

- Students participating in the Early College program take classes at their high school from high school instructors and earn college credit at the same time
- Students participating in the Expanded Options program take a college course from college instructors with other college students and earn high school credit at the same time.

Students interested in the Expanded Options program should work with their high school counselor or Aspire coordinator for more information on eligibility requirements.

Student Withdrawal: Students that withdraw from a course will have a W posted on their official transcript indicating that they have withdrawn from the course. All tuition and fees associated with the course will apply. Please see the Academic Calendar for specific term deadline dates to withdraw from a course. Dates for courses less than a full term in length vary. Please check with Enrollment Services for specific deadline dates for these courses.

Academic Fresh Start (Grade Renewal): Students who have previously attended BMCC and have earned poor grades have the option to apply for "Grade Renewal" once they meet the following criteria:

- Have had an absence of at least two years; and
- Have passed two subsequent academic quarters of work completing at least 12 credit hours each quarter with a 2.00 GPA or better; and
- Be enrolled in at least one credit hour with BMCC at the time the policy is requested and implemented

The "Grade Renewal Petition" form is available online. If the petition is accepted, grades for the term chosen, and for all prior terms, will be changed to no credit (NC). All courses previously taken will remain on the transcript and the student's grade point average will be adjusted. A notation will appear on the official transcript indicating that the GPA renewal policy was implemented. All courses included in the GPA renewal policy will continue to be counted as attempted for the purposes of federal financial aid eligibility. We encourage students to check with the financial aid office prior to submitting their request. Once the grade renewal process has taken place the student may not request to have the process reversed. Any courses taken at another college and transferred to BMCC are not subject to the provisions of this policy and are not included in this policy.

Registration Cap: Students may not take more than 21 credits per term without permission from the Director of Enrollment Services/Registrar. To qualify to take more than 21 credits in a term the student must have met each of the following criteria:

- matriculated from high school
- completed the last two terms at BMCC as a full-time student (12 or more credits)
- completed each of those terms with a term GPA of 2.0 or higher.

To request approval the student must complete a Petition to Register for Over 21 Credits. The form is located on our website under Enrollment Services/Forms and Information.

Testing

A variety of testing services are available at all BMCC locations. Testing services will vary by location. Students should contact the BMCC location nearest to them for schedules, appointments, and details.

Financial Information

Tuition and fees are subject to BMCC Board of Education policy and may be changed at any time. Please refer to our Website, www.bluecc.edu, or call the college at 541-278-5759 to obtain current rates.

Students are considered to be full-time when they are enrolled for 12 credit hours or more.

2023-24 Tuition and Fees

Payment of the stipulated fees by full-time and part-time students registered for academic credit entitles them to all services maintained by the college for the benefit of students. These services include the use of the college student union, computer laboratories, library, laboratory and course equipment, materials in connection with courses for which the students are registered, and admission to some events sponsored by the college. By college policy, there is no reduction in fees for students who do not intend to avail themselves of these services.

Note: The College periodically introduces new courses, programs, and/or fees on a pilot basis to meet the needs of the community. These fees may be administratively implemented as needed during the year.

Tuition

In-State Residents: For tuition purposes, Oregon residents and residents of California, Idaho, Montana, Nevada, and Washington are charged at the in-state resident rate of $116.00 for each credit hour, beginning with the summer term of the 20232-24 academic year.

Out-of-State Residents: The tuition rate for out-of-state students (other than the states listed above) is $174.00 for each credit hour, beginning with the summer term of the 2023-24 academic year.

Senior Citizens: The tuition rate for a resident who is sixty-five (65) years of age or older is one hundred percent of the regular tuition rate for credit classes. Fees for credit and non-credit classes are at the full rates listed in the quarterly Schedule of Classes on the BMCC website. Seniors who elect to audit credit classes will not be charged tuition; only applicable fees will be charged at the full rate. Normal registration procedures are required.

Non-Credit Costs: Tuition is not charged for non-credit classes. Fees for non-credit classes vary based on the costs to provide the course.

The tuition shown in this section is accurate as of the date of publication of this catalog, however, they are subject to change by action of the Board of Education at any time.

# of Credits	In-State (Tuition only)	Out-Of-State (Tuition only)
1	$ 116.00	$ 174.00
2	$ 232.00	$ 348.00
3	$ 348.00	$ 522.00
4	$ 464.00	$ 696.00
5	$ 580.00	$ 870.00
6	$ 696.00	$ 1,044.00
7	$ 812.00	$ 1,218.00
8	$ 928.00	$ 1,392.00
9	$ 1,044.00	$ 1,566.00
10	$ 1,160.00	$ 1,740.00
11	$ 1,276.00	$ 1,914.00
12	$ 1,392.00	$ 2,088.00
13	$ 1,508.00	$ 2,262.00
14	$ 1,624.00	$ 2,436.00
15	$ 1,740.00	$ 2,610.00
16	$ 1,856.00	$ 2,784.00
17	$ 1,972.00	$ 2,958.00
18	$ 2,088.00	$ 3,132.00
19	$ 2,204.00	$ 3,306.00
20	$ 2,320.00	$ 3,480.00
21	$ 2,436.00	$ 3,654.00

Generally Applicable Fees:

- Athletic Fee: $125 per term for student-athletes
- Audit Course Fee: 100% of regular tuition and associated fees (for senior citizens, refer to the section below)
- College-Level Examination Program (CLEP) Fee: A transcription fee of $10 per course
- Credit-by-Exam Fee: 50% of regular tuition
- Credit for Prior Learning/Certification Fee: A transcription fee of $10 per course
- Installment Plan Fee: $20 (required $100 down payment.) Must complete and sign Installment Plan
- Installment Plan Late Fee/Interest Penalty: $15 for each late payment
- Early Childhood Education (ECE) Credit for Prior Learning Fee: A transcription fee of $10 per course
- Late Payment Fee: 3% of the unpaid balance with a minimum charge of $10 and a maximum charge of $75 per term. Fees are assessed monthly until the balance is paid in full
- Nursing Student Application Fee: $50 application fee (Non-refundable)
- Nursing Student Fee: $1,056.67 each term
- Official Transcript Fee: Minimum fee of $5 per transcript. An additional processing fee is applied at the time the order is placed online (obtained through the National Student Clearinghouse)
- Official Transcript Fee (Outside the US): Fee contingent upon destination location
- Placement Test Fee: $25 for non-BMCC students.
- Returned-Check Fee: $35 for each occurrence
- Stop Payment Fee: $35 per check
- Technology Fee: $26.75 per credit for credit classes; $9 per course for non-credit classes
- Test Proctor Fees (Agency or other): $25 per exam (Non-refundable)
- Testing Fees - Other Proctor Fees: Varies (charges are based on the nature of the examination). Contact the BMCC Testing Center at (541) 278-5931 for specific amounts.
- Student Services Fee: $8 per credit for students taking 1 or more credit hours up to a maximum of 15 credits per term.

Early College Credit Costs:

- Advanced Placement Fee: A transcription fee of $10 per course
- Assessment-Based Learning and Sponsored Dual Credit Fee: A transcription fee of $20 per credit
- Credit by Exam: A transcription fee of $20 per credit
- Dual Credit and Sponsored Dual Credit Fee: A transcription fee of $20 per credit
- Expanded Options: 100% of tuition and applicable fees

Other Applicable Fees:

- Associated Student Government (ASG) Student Activity Fee: $3.50 for each credit hour (This fee is approved by ASG & College Board). Course Fees: Certain courses may require a fee(s) in addition to tuition. Course-specific fees are listed in the quarterly *Schedule of Classes* on the BMCC website.

Course-Specific Fees:

- Agriculture Course Fee: $15 for each course
- Applied Music Fee: $175 for each course
- Art Class Fee: Certain courses are assigned a fee of up to $30
- Data Center Technician Lab Fee: $60 for each lab course
- Diesel Tech Laboratory Fee: $60 per lab credit
- EMT Fee - Basic A & B: $160 each term
- EMT Fee - Intermediate Part A & B: $130 each term
- Fire Science 110A and 110B: $160 each term
- Fire Science 112: $160 each term
- Industrial Systems Technologies Lab Course Fee: $50 for each lab course
- Music Class Fee: $15 for piano and/or voice.
- Physical Education Fee: $10 for each course.
- Science Laboratory Fee: $40 per lab credit.
- Unmanned Aerial Vehicle Lab Course Fee: $50 for each lab course.
- Welding Fee: $175 lab fee per lab course.
- Outside Facility Use Fee: Variable pass-through fee for classes held at off-campus locations such as Pickle Ball.

Paying Tuition

Tuition and fees are payable in full by cash, check, or credit card (Visa or MasterCard) by the end of the fifth class day of each term, or the equivalent percentage of days of terms or classes of varying length. Students may also use financial aid funds or third-party agency funds to pay their tuition and fees if they are eligible for these funds. Payments can be made at any location, by mail, or through the WolfWeb.

Please note: If payment is not made in full **before** Monday of week eight, the college will automatically drop the student from the next term(s) courses and the student may not be eligible to defer tuition in future terms.

Late Fee/Interest Penalties: Students who have not paid or made payment arrangements by the end of the fifth class day or the equivalent day of terms or classes of varying length will be assessed late fees. The fee is 3% of the balance due assessed monthly until the balance is paid. The minimum charge is $10, and the maximum charge is $75 per term.

Stop-Payment Fees for Financial Aid Stipends/Refund Checks: If you are eligible for a financial aid stipend/refund check and it does not arrive at the address indicated on your student account after ten days from the date of issuance by the college, BMCC will re-issue the check without charge to you. If you wish the college to reissue the check before the 10-day period is over, BMCC will charge you a $35 stop-payment fee.

Financial Holds: If your student account is not paid in full by the beginning of pre-registration for the upcoming academic term, a financial hold will be placed on your account preventing you from registering for the upcoming term. Students with financial holds on their account will be ineligible to receive official transcripts until the hold has been resolved and removed from their account. Other financial holds may be placed on your account if items are not returned to departments at the College (such as the Library or the MAC Center). Please contact Enrollment Service to assist you in resolving the financial hold on your account.

Tuition Refund Policy: Students who drop a course(s) or withdraw from the College and who have complied with regulations governing drops and withdrawals are entitled to certain tuition refunds depending on the time of drop or withdrawal. Tuition refunds are calculated as follows:

- First five (5) days of the term for an 11-week course or the equivalent day of the term for courses of varying length. = 100%
- After the first five (5) days of the term for an 11-week course or the equivalent day of the term for courses of varying length. = 0%

F-1 and M-1 Visa Students: BMCC is no longer approved to admit international students.

Financial Aid

(Federal School Code: 003186)

The Student Financial Aid office is located in Morrow Hall on the Pendleton campus. Please check the BMCC Website http://www.bluecc.edu/enrollment-services/financial-aid for hours of operation. The staff can be contacted by phone at 541-278-5779 or by email at FinancialAid@bluecc.edu. The Student Financial Aid staff are available to students for assistance in applying for and receiving the following sources of financial aid:

- Federal and state aid
- Certification of Veterans' education benefits
- BMCC Foundation Scholarships and private scholarships
- Private loans
- Institutional Aid (Staff and student waivers)

Federal and State Aid

BMCC participates in the following types of federal and state aid:

- Federal Pell Grant
- Federal Work-Study
- Federal Subsidized and Unsubsidized Loans
- Federal PLUS loans (Parent loans for undergraduate students)
- Federal Supplemental Educational Opportunity Grant (FSEOG)
- Oregon Opportunity Grant (OOG)
- Oregon Promise Grant (OPG)
- Oregon National Guard Grant
- Oregon Tribal Student Grant

Applying for Federal and State Aid: Starting October 1st of each year, students must submit a Free Application for Federal Student Aid (FAFSA) or the Oregon Student Aid Application (ORSAA) in order to apply for aid.

- Who files the FAFSA? United States Citizens and eligible non-citizens. Apply by visiting https://studentaid.gov/h/apply-for-aid/fafsa or by calling 1-800-433-3243 to request a paper FAFSA.
- Who files the ORSAA? Oregon residents who have Deferred Action for Early Childhood Arrivals (DACA) status, undocumented status, and/or Temporary Protection Status (TPS). Apply by visiting https://oregonstudentaid.gov/fafsa-orsaa.aspx or by calling 541-687-7400

Applying online can reduce the amount of time for processing financial aid by approximately eight weeks. Refer to the Dates & Deadlines link at www.bluecc.edu/enrollment-services/registration/academic-calendars/financial-aid-dates-and-deadlines

Cost Of Attendance Budget: The BMCC Financial Aid Office establishes yearly average standard student budgets as a basis for awarding financial aid funds. The budgets are based on average full-time enrollment for fall, winter, and spring terms and are prorated for less than full-time enrollment. Review the Cost of Attendance Budget at http://www.bluecc.edu/enrollment-services/registration/college-costs.

Disbursement of Aid: Aid is generally posted to a student's account after the add/drop deadline. The remaining credit balances will be disbursed to the student's account starting the second week of the quarter. BMCC utilizes BankMobile Disbursements, a technology solution, powered by BMTX, Inc. to disburse funds to students.

Taking Courses at BMCC and Another Institution: Students planning to take courses from BMCC and another college during the same term must complete a consortium agreement form and provide proof of registration for each class taken at another college during the time the consortium agreement is in place. Processed consortium agreements are valid for one academic year and proof of registration is required each term. Refer to our website for forms and additional information.

Maintaining Eligibility

Academic Progress (AP): The Financial Aid office is responsible for ensuring that all students who receive federal and state aid are demonstrating satisfactory progress toward the completion of their educational programs. Students' Academic Progress will be reviewed before making an offer each academic year and again at the end of each term. The standards of Academic Progress apply to all federal and state aid, Foundation scholarships, some institutional aid, and most private scholarships.

Students are evaluated on all of the following standards:

- Cumulative Credit Completion Rate (Pace), must be 67% or higher
- Cumulative Grade Point Average (cGPA), must be 2.0 or higher
- Maximum time frame (150% Rule), students are allowed 150% of the credits required to complete the declared degree/certificate. All attempted and accepted transferred credits count towards this limit even if financial aid was not received.

Students must meet all three progress requirements (Pace, cGPA, and be within the maximum time frame) to remain in good standing. Students not meeting the requirements will be placed on financial aid warning or probation status during their next term of enrollment and will receive, in writing from the Financial Aid and/or Registrar's office, a notice of such standing. For additional information regarding this policy and for more detailed information about financial aid, please visit BMCC's website or contact the Financial Aid office.

Second Degree: If a student has received an Associate's, Bachelor's, or Master's degree and wishes to receive financial aid from BMCC, a Credit Extension Appeal (CEA) must be submitted to the Financial Aid office along with appropriate documentation. This process does not guarantee an offer. Depending upon the type of degree already held, the aid, if granted, may be limited to loans.

Total (official or unofficial) Withdrawal and Return of Federal Aid: Federal regulations require the college to have a fair and equitable refund policy for students receiving financial assistance who withdraw from all classes. When a federal aid recipient totally drops, withdraws, or ceases to attend classes, BMCC must determine the amount of federal aid that the student earned as of the student's withdrawal date in accordance with federal regulations. If the student does not complete more than 60% of the term, then a calculation is completed by the Financial Aid office to determine the percentage of assistance the student has earned. Any unearned aid must be returned to the U.S. Department of Education. The student may be required to repay BMCC any amount that is returned on the student's behalf.

For additional information regarding this policy and for more detailed information about financial aid, please visit BMCC's website.

Other Financial Assistance

Blue Mountain Community Foundation (BMCC) Mission Statement: To foster relationships that provide opportunities to support students, programs, and capital projects at Blue Mountain Community College

Foundation Scholarships

The BMCC Foundation offers scholarships to both full-time and part-time students. Scholarship information and directions on how to apply are provided on the college website at, https://www.bluecc.edu/enrollment-services/financial-aid/paying-for-college/scholarships.

Other Scholarships (Local, Regional, National)

The BMCC Foundation posts information that it receives from local civic groups, fraternal organizations, and state, regional, and national agencies. For further information visit the college website at, https://www.bluecc.edu/enrollment-services/financial-aid/paying-for-college/scholarships.

Veterans Benefits

Military Educational Benefits

www.bluecc.edu/Enrollment-Services/veterans-military-services-members-dependants

BMCC assists veterans and family members of veterans with three primary types of benefits:

- United States Department of Veterans Affairs Educational Benefits
- Oregon Veteran Educational Aid Program (Tuition Assistance)
- BMCC tuition waivers for military and qualifying family members

In order to receive VA educational benefits, all veterans must:

- Take the BMCC placement assessment to determine proper course placement before enrollment
- Obtain and submit to BMCC official transcripts from all previously attended schools along with a Transcript Evaluation Request for review of prior credit.
- Be assigned an academic advisor
- Be pursuing a BMCC degree or certificate
- Apply for VA Education Benefits online
- Complete BMCC's Veterans Education Benefits Request Packet

Certification Periods: The veteran's school certifying official (SCO) will certify based on BMCC's official academic calendar. Some courses vary in length. The SCO will certify enrollment according to each course's beginning and ending dates, which may affect the rate of pay.

Prior Credit: Any student receiving VA education benefits while attending BMCC is required to obtain transcripts from all previously attended schools and military service and submit them, along with a Transcript Evaluation Request form to the BMCC Records Department. See the BMCC Veterans Education Benefits Request Packet for more information and details.

Satisfactory Academic Progress (AP) The financial aid office is responsible for ensuring that all students who receive VA benefits maintain Good Academic Standing per BMCC's Academic Progress Policy. The student's Academic Progress will be reviewed before making awards each academic year and at the end of each term. The standards of academic progress can be found at www.bluecc.edu/enrollment-services/forms-and-information/academic-progress

Enrollment Level Defined: Enrollment levels per term are defined as follows:

- Full-time (100%): 12+ credits
- Three-quarter time (75%): 9-11 credits
- Half-time (50%): 6-8 credits
- Less-than half-time (25%): 1-5 credits

BMCC Military Tuition Waivers:

BMCC, with the purpose of enhancing student support while providing a premier learning environment, provides military tuition waivers to honor returning veterans and qualifying family members of deployed, disabled, and fallen military service members. For more information on guidelines and how to apply, visit BMCC's website.

Rate for Tuition and Fees- Section 301 of Public Law 115-251

The following students shall be charged a rate of tuition not to exceed the in-state rate for tuition and fees purposes:

- A Veteran using educational assistance under either Chapter 30 (Montgomery G.I. Bill® - Active Duty

Program) or Chapter 33 (Post-9/11 G.I. Bill®), of Title 38, United States Code, who lives in the state in which the institution is located (regardless of his/her formal State of residence) and enrolls in the institution within three years of discharge or release from a period of active duty service of 90 days or more.

- Anyone using transferred Post-9/11 GI Bill® benefits (38 U.S.C. § 3319) who lives in the state in which the institution is located (regardless of his/her formal State of residence) and enrolls in the institution within three years of the transferor's discharge or release from a period of active duty service of 90 days or more.
- Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same institution. The person so described must have enrolled in the institution prior to the expiration of the three-year period following discharge or release as described above and must be using educational benefits under either Chapter 30 or Chapter 33, of Title 38, United States Code.
- Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311(b)(9)) who lives in the state in which the institution is located (regardless of his/her formal State of residence).
- Anyone using transferred Post-9/11 G.I. Bill® benefits (38 U.S.C. § 3319) who lives in the state in which the institution is located (regardless of his/her formal state of residence) and the transferor is a member of the uniformed service who is serving on active duty.
- Anyone using educational assistance under Chapter 31, Vocational Rehabilitation and Employment (VR&E), who lives in the state in which the institution is located (regardless of his/her formal state of residence).

Tuition and Fees penalties- Public Law 115-407 Section 103

As part of the Veterans Benefits and Transition Act of 2018, section 3679 of title 38, United States Code was amended and signed into law on December 31, 2018; known as Public Law 115-407 Section 103, it is effective as of August 1, 2019.

Blue Mountain Community College (BMCC) permits any covered individual to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under Chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs (VA) website - eBenefits, or a VAF 28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates:

1. The date on which payment from VA is made to the institution.

2. 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

BMCC ensures that our educational institution will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

NOTE: A *Covered Individual* is anyone entitled to educational assistance under Chapter 31, Vocational Rehabilitation and Employment, or Chapter 33, Post-9/11 GI Bill® benefits.

Important links:
GI Bill® Information - www.benefits.va.gov/gibill/
GI Bill® WAVE - Web Automated Verification of Enrollment - www.gibill.va.gov/wave/
Oregon Department of Veterans' Affairs ODVA - www.oregon.gov/ODVA/
ODVA Educational Aid for Veterans - www.oregon.gov/ODVA/BENEFITS/pages/Education.aspx
DD 214 Requests Online - www.archives.gov/veterans/

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA).

Class Attendance and Administrative Withdrawal

Blue Mountain Community College reserves the right to withdraw a student from classes if, in the judgment of college officials, this action is in the best interest of the student or the college.

Attendance: In compliance with federal Title IV aid policies students will be dropped at the end of week one from their course if they do not meet at least one of the following criteria:

- attended the course at least one time on or prior to the end of the first 5 business days of the term (4 business days for

summer term), (courses that start on a Saturday require attendance on that day)

- participated in the course on or prior to the end of the first 5 business days of the term (4 business days for summer term), (courses that start on a Saturday require participation on that day). Students should refer to the course syllabus for more information
- contacted their instructor regarding their absence for circumstances beyond their control (for example: illness, death in the family, etc,)

Students found not to have met at least one of the above will be administratively dropped from their course upon notification by the course instructor to the Registrar's office.

Students that are not able to continue to participate/attend after the first week of the term should meet with their advisor prior to withdrawing from their course.

Note: Some courses that are not a full term in length will have different refund/withdrawal periods. Please print your schedule to determine what the refund/withdrawal period is for that course.

Grading System and Policies

Grading System: The quality of a student's work is measured by a system of grades and by computed grade-point averages. All assigned courses, regardless of curriculum, are included when determining a cumulative grade-point average while attending BMCC.

Only grades of A, B, C, D, F, and FA are considered in the computation of grade point averages. All other grades will be disregarded in the calculation of GPA; however, other grade marks and enrollment status will affect financial aid and athletic eligibility.

The grading system consists of the following:

Grade Point Average (GPA): A student's grade point average (GPA) is calculated as follows: take the number of points from the Grade Point table for each grade that you received and multiply it by the number of credits for that course; then repeat the process for each course in which you received a grade of A, B, C, D, F, or FA. Add all of the results together and then divide by the total credit hours in which grades A, B, C, D, F, or FA were received. Note: If a course is repeated, only the most recent grade is used in computing the GPA unless the course is designated as repeatable in the Course Descriptions section of this catalog.

Grade Point Table

GRADE	POINTS
A	4
B	3
C	2
D	1
F	0
FA	0

Example of GPA Calculation: (Total GPA Points/Total Credits) = GPA or 22/9= 2.44 Courses/Grades Received

Course	Credits	Grade	Grade Points	GPA Points
WR121	**4**	**B**	**3**	**12.0**
MTH095	**5**	**C**	**2**	**10.0**
TOTAL	**9**			**22.0**

Grade Definitions:

A/4: Superior: An indication that the student has met the state outcomes and course criteria at the highest level, demonstrating mastery of required knowledge and skills.

B/3: Above Average: An indication that the student has met the stated outcomes and course criteria at a high level, demonstrating mastery of most required knowledge and skills.

C/2: Average: An indication that the student has met the stated outcomes and course criteria with sufficient mastery of enough of the required knowledge and skills to be capable of success in other courses that require this course as a prerequisite

D/1: Below Average: An indication that the student has only minimally met the stated outcomes and criteria of the course but may not have sufficient mastery of enough of the required knowledge and

skills to be capable of success in other courses that require this course as a prerequisite.

F/0: Failure: An indication that the student has participated in the course but has not adequately met the stated outcomes and criteria of the course.

FA/0: Failure-Attendance: An indication that the student did not participate (either by attendance or by online participation) in a significant amount of the course and, as a result, has not adequately met the stated outcomes and criteria of the course. Instructors assigning this grade must provide a Last Date of Attendance (LDA) to satisfy Federal Title IV aid requirements.

Note:

- An earned F will be given if the student fails to meet the stated outcomes and criteria of the course and participated after the last day to withdraw. When an F grade is given, the Last Day of Attendance (LDA) should reflect the last date of attendance or participation and must be after the withdraw date.
- An earned FA will be given if the student fails to meet the standard outcomes and criteria of the course and the last date of attendance or participation occurred prior to the withdraw date. When an FA grade is entered, the LDA should be before the last day to withdraw.

INC (Incomplete): Instructors may assign an incomplete grade when the quality of the student's completed work is satisfactory but the course has not been completed for reasons acceptable to the instructor. At least sixty percent (60%) of the coursework must be completed for an incomplete grade to be given. An incomplete grade must be made up within a maximum of one calendar year from the date that the incomplete appears on the grade report; however, the student and their instructor may choose a shorter time in which to complete the course work.

Incomplete Grade Contracts are submitted by the instructor of the course at the time grades are submitted and do not require the student's signature. The Registrar's Office will maintain and monitor INC contracts for the college. If the instructor does not return a completed INC contact to the Registrar's Office providing a final grade earned by the contract deadline date, the alternative grade indicated on the contract will automatically be entered into the student's permanent record. It is the student's responsibility to complete the work agreed upon and the instructor's responsibility to submit the final grade earned in a timely manner to the Registrar's Office. Grade changes after the end of the contract will not be processed without prior approval from the Executive Vice President of Instruction.

P/NP (Pass/No Pass): If you wish to use the P/NP option you must elect to do so by the end of the fourth week of the term by submitting your application for the P/NP grading option to the Registrar's Office. Once you declare the P/NP grading option, no changes in grading can be made.

You may apply a maximum of 12 program or elective credits with a grade of P toward a degree at BMCC. This number would include pass grades earned in regular BMCC classes and those earned from another college or university. This number does not include pass grades earned in coursework with obligatory pass grades or advanced placement credits transcribed as pass.

The P/NP option is not available in courses being repeated by the student, in courses required for a degree, or in courses in the core area required for an AAOT/AS/AST and other transfer degrees (pass grades would be accepted in advanced placement test credit.).

The P grade denotes a level of accomplishment of C or better.

Pass grades from other institutions will be examined on an individual basis. If the registrar determines that the course meets or exceeds BMCC requirements, then credit may be granted.

If you are planning to transfer to a four-year institution, you should determine the policy of that school before electing the P/NP option at BMCC.

When computing credits earned and GPA, the Registrar's Office treats the P/NP credits as follows:

- The pass credits will be transcribed as credits earned and will not be computed in the grade point average.
- The no-pass credits will show on the transcript as credits attempted and will not be computed in the grade point average.

Examinations

Auditing a Course (AU): The audit indicator, "AU", is a registration status and not a grade or an evaluation. Students electing this option are not required to meet pre-requisite requirements for the course.

Students that register online and wish to audit a course must complete a Request to Audit Course form. This status cannot be changed after the refund period. Courses taken as an audit status do not count as credits attempted in financial aid award calculations, and the AU

(audit) status does not count in calculating GPAs. The audit indicator AU indicates a registration status, not an evaluation or a grade, and is not eligible for a grade change appeal. Students electing this option are not required to meet pre-requisite requirements for the course.

Policy: Students that do not wish to earn college credit may audit a course, however, must elect this option within the first week of the term. Students who audit are not required to meet any specific academic requirements, but they may participate fully in the activities of the class. If an audit is desired, you must elect this option at the time of registration. Students that wish to take the course for a grade, must drop the course within the defined drop period and then add the class back as a graded course. Students may not change to audit status after the end of the drop period.

Enrollment Status: In addition to the above grades, other enrollment-status indicators may be entered on the official grade report or transcript. These include AU (audit), CIP (course in progress), MSG (missing grade), and W (withdrawal).

AU (Audit): This is NOT a grade. It is an enrollment status and must be declared within the first 5 days of the term. See the Audit Policy section below for more information.

CIP (Course in Progress): CIP is an enrollment status used when a course is scheduled to continue from one academic term into the next. The CIP is not a terminal grade but is, rather, a state of progress used until the ending date of the class. At the time a course is scheduled to conclude, the CIP status will be replaced by a grade.

H (High School Diploma): The designation of H indicates that the variable-hour course was taken as part of a student's adult high school diploma program and that was not completed in a particular term.

W (Withdrawal): A W is an enrollment status and indicates that you followed the formal withdrawal procedure and withdrew from the course during the term after the 100% refund period for the term or course. This designation is not used in computing GPA. A W is not punitive.

Repeating a Course: The most recent grade received for a repeated course will be counted towards the student's term and cumulative grade point average (GPA, CGPA). All prior attempts of the course where a grade was received (example: A, B, C, D, F, FA, NC, NCA, or INC) will have a repeat indicator noted on their official transcript and will not be applied towards meeting your certificate and or degree requirements.

Dropping/Withdrawing From a Course/s: Definitions:

Drop (unregister): When a student removes a course from their schedule during or before the end of the 100% refund period for that course. Courses that are dropped (unregistered) will not show up on the grade transcript. Note: courses that are less than a full term in length have different refund periods.

Withdraw: When a student removes a course from their schedule after the 100% refund period for that course. These courses will appear on the student's grade transcript with a status of W to indicate that the student withdrew from that course. In addition, students are responsible for all tuition and fees associated with the course or courses from which they withdraw. Note: courses that are less than a full term in length have different withdrawal deadline dates.

To drop or withdraw from a course, students must do so online through their student portal. The last day to withdraw from a full-term course without a grade is listed on the annual Academic Calendar.

Students enrolled in courses after the dates listed in the academic calendar are responsible for the final grades received and associated tuition and fees for that course or courses.

Withdrawal from College

Students that find they can no longer attend classes should officially withdraw from school. Before doing so, they should work with their advisor to determine if other options are available to them. The last day to withdraw from classes without receiving a grade is listed on the academic calendar. Note: courses that are less than a full term in length have different withdrawal deadline dates.

Students receiving financial aid should be aware that withdrawing from all course/s during a given term prior to completing more than 60.01% of the term can result in the student owing money back to the U.S. Department of Education or to BMCC. Please refer to the Financial Assistance section of the catalog for further information.

Requests for late withdrawal from a course must be submitted to the Registrar's Office.

Note: a student who is registered is considered to be in attendance. Non-attendance or non-payment does not constitute official withdrawal, nor does it release you from the obligation to pay for your course or courses.

Withdrawal for Military Duty

The following guidelines apply when a veteran, Reserve, or National Guard student is called to active duty for military purposes during the term (does not include being called to active duty for basic training:

Students may drop courses and receive a full tuition and fee refund. Students may, at their discretion, elect to complete one or more of their courses after making special arrangements with their instructor(s) to create an incomplete contract allowing a reasonable time to complete the academic work required.

Please contact the Registrar's Office for further information at 541-278-5757, or send an email to: studentrecords@bluecc.edu. Students receiving financial aid or veteran's benefits should refer to the Financial Assistance section of the catalog for further information regarding withdrawals.

Grade Changes

Grade changes may be made up to one year after the end of the term in which the course or courses were taken. Once a grade (A, B, C, D, F, or FA) has been assigned (does not include the registration status of W) the only acceptable reason for a grade change is an instructor or college error. The instructor/student relationship in a given class concludes at the end of the term with the assignment of a grade unless the student receives a grade of INC to allow for the submission of late coursework. If you cannot complete all of the coursework before the end of the term, you should work with the instructor before the term ends to request a grade of INC. Otherwise, the only way that an instructor can agree to change your grade is for you to submit a grade appeal (see the section on grade appeals). All grade appeals are reviewed by Dean overseeing the faculty who assigned the grade and, if approved, sent to the Registrar's Office for final processing.

Grade Appeal Process

The responsibility for assigning grades rests with the individual instructor. If you believe that you have been awarded an inappropriate grade by an instructor, you may fill out a grade appeal form and submit it to the Office of Instruction. This will initiate the grade appeal process as outlined in the Student's Rights and Responsibilities of the Student Handbook. The appropriate Chief Academic Officer or their designee will forward the appeal to the Registrar's Office once a decision has been made. If the appeal results in a grade change, the Registrar's Office will process the change and notify the student by email once the change has been made.

Term Grades

Term grades are posted to students' official transcripts on the Monday following the end of the term. Students can access their grades online via the Wolfweb.

Waitlisted Courses

Students that have been placed on a waitlist, will be notified by email (sent to your assigned BMCC email account) from the Office of Instruction if a space becomes available and they are moved from the waitlist into the class. It is the student's responsibility to ensure their status in any waitlisted courses. Students may not attend/participate in the course until their waitlist status has been established and confirmed or until they are officially registered in the course. To check the status of a waitlisted course the student should check their term schedule on the Wolfweb. Students should also check their BMCC student email.

Final Examinations

Final examinations are given at the close of each term. Students are required to take final examinations at the regularly scheduled time. Final examination schedules are available online or on the academic calendar found in this catalog. If circumstances warrant taking final examinations at another time, the student must make prior arrangements with their instructor.

Standards of Academic Progress

Academic Warning and Suspension

Academic Progress (AP) is the institution's policy regarding a student's academic progress. AP is not the same as Satisfactory Academic Progress (SAP), which is the status that students using financial assistance must maintain in order to receive funding from financial aid. A student is considered in good academic standing when they are making academic progress. Academic progress is defined as having a minimum cumulative grade point average (CGPA) of 2.0 (C) **and** a minimum cumulative completion rate (Pace) of 67%. AP requires a student to maintain academic progress at the end of each term of attendance. If a student does not maintain academic progress he/she will be placed on Academic Warning or Academic Suspension status. More information about AP can be

obtained by viewing the AP policy on BMCC's website or by contacting the Registrar's Office at 541-278-5757.

Pace includes all courses a student remained registered in after the drop period. This includes courses with grades of A, B, C, D, F, FA, INC, and those courses with W to indicate a withdrawal.

Academic Warning: Students are considered on academic Warning if their cumulative GPA is below 2.0 **or** their cumulative credit completion rate (Pace) is below 67%. Students will be reinstated to good academic standing as soon as their cumulative GPA is 2.0 or higher **and** have a cumulative credit completion rate of at least 67%.

Academic Suspension: Students are placed on academic suspension when their cumulative GPA remains below 2.0, or their credit completion rate is below 67% for a second consecutive term.

Students will have the right to appeal their academic suspension by submitting an appeal within the website's published deadline date. The appeal will be reviewed by the Academic Progress Review Committee (AP Review Committee). The AP Review Committee consists of the Registrar, the Director of the Student Success Center, the TRIO Director, and the Director of Student Financial Assistance. If the student is pre-registered for the upcoming term and fails to submit a complete appeal by the published deadline, the student will be administratively dropped from all courses.

Academic Probation: Students are placed on Academic Probation when an appeal is approved by the AP Review Committee after a student is placed on Academic Suspension. If while on Academic Probation, a student fails to make academic progress as a result of extraordinary circumstances, the student will be placed on an Academic One-Year Suspension. Students placed on this status will have the option to submit a second appeal to be able to take classes but not to have their financial aid reinstated. In the event the AP Review Committee rules the suspension valid, the student will have the right to appeal the decision to the Executive Vice President of Instruction and Student Affairs.

Academic One-Year Suspension: A student academically suspended more than once will **not** be allowed to register for credit classes for one full calendar year. Students may ask to return for the term following the end of the one-year break period by submitting an appeal. This option does not apply to federal and state aid recipients.

Break of Enrollment

Students that have had a break of enrollment of two (2) or more academic years will return on the following status:

<table>
<tr><th>BREAK OF ENROLLMENT</th><th>PRIOR ACADEMIC PROGRESS STANDING</th><th>ACADEMIC STANDING AFTER BREAK OF ENROLLMENT</th><th>FEDERAL AND STATE AID RECIPIENT</th></tr>
<tr><td rowspan="2">2-4 years</td><td>Academic Warning</td><td>Good Academic Standing</td><td rowspan="3">No change for break of enrollment

(Warning or Suspension)</td></tr>
<tr><td>Academic Suspension</td><td>Academic Warning</td></tr>
<tr><td>5 years or more</td><td>Academic Warning or Suspension</td><td>Good Academic Standing</td></tr>
</table>

Transcripts

Official transcripts may be ordered online or by completing a paper Transcript Request Form found on BMCC's website at www.bluecc.edu.

See the "College Costs" section of the catalog for costs associated with transcript requests. No other person may receive a copy of the student's transcript or undertake to pick it up for the student unless the student authorizes the release of records in writing. **The College reserves the right to withhold official transcripts from students who owe monies to Blue Mountain Community College.** If an official transcript is requested by a student who owes monies, the student is notified that there is a balance owing and given information on how to resolve the issue.

Transferring Credits to BMCC

Students that wish to have credits from other regionally accredited colleges evaluated towards their certificate/degree intent at BMCC, will need to request an official transcript be sent to BMCC's Enrollment Services Office. Official transcripts must include a signature from the issuing institution and its authorized seal, if applicable, and be delivered to BMCC in a sealed envelope.

In general, BMCC accepts college-level credits earned at regionally-accredited colleges or universities. BMCC does not accept credit for prior learning (CPL) transcribed by other colleges.

Accepted credits will become a part of the student's permanent academic record at BMCC and will be noted on their official grade transcript. All grades earned from BMCC will be used to compute the student's grade point average on their BMCC transcript. This is the GPA that will be considered for honor and high honors distinction at commencement and upon degree conferral.

Students that have taken the College Level Examination Program (CLEP) or the Advanced Placement (AP) test, should have their scores sent to Enrollment Services for review. Exams must have been taken within 3 years of the date the student requests credit. Credits received for AP, CLEP, or military experience at other colleges and universities will not be accepted. Students must have their exam scores and or official military transcripts sent directly to BMCC.

Transferring Credits from BMCC

In most cases, up to 120 lower division transfer credit hours earned at a community college may transfer and be accepted toward graduation requirements at the University of Oregon, Oregon State University, Portland State University, Eastern Oregon University, Western Oregon University, Southern Oregon University, Washington State, Tri-Cities and Oregon Institute of Technology.

In order to facilitate a smooth transition from BMCC students should discuss the transferability of courses with their academic advisor and the school to which they plan to transfer.

Credit for Prior Learning/Certification (CPL)

The purpose of awarding credit for prior learning is to acknowledge and validate knowledge, skills, and competencies acquired by students through experience. With the exception of cooperative work experience (CWE) credits, students receiving alternate credits are not eligible for state or federal aid for those credits.

The maximum number of credits that may be earned through a combination of credit by examination is no more than 25 percent of the credits needed for a certificate or degree. Example: 90 credits required for a degree, a maximum of 22 CPL credits may be applied to this degree.

Credit by Examination (CBE): To obtain credit for certain courses, a student must be enrolled as a BMCC student taking at least one course for credit and satisfactorily pass a comprehensive examination or series of examinations. The student may not obtain credit by examination (CBE) for a course at a lower level than one in which they have already demonstrated competency. Some courses are not eligible for this program. Students that wish to obtain credit in this manner must pay a fee in addition to any other tuition and fees that they may have paid in that term. Contact the Office of Instruction, at 541-278-5969, for more information. CBE credits are reflected on BMCC's transcripts with the exam identifier of (CH) next to the course title. Example: ART 204 (CH)

Credit for Prior Certification/Learning (CPL): Documentation is required. If awarded, these credits are reflected on BMCC's transcripts with a grade of "P" and with the identifier of (CPL) next to the course title. Example: ECE226 (CPL).

Advanced Placement (AP)

Students may earn credit for certain courses by taking tests administered by the Advanced Placement (AP) program sponsored by the College Board. Below is a list of approved AP courses, AP minimum scores, and advanced placement action. AP credits are reflected on BMCC's transcripts with a grade of P and with the exam identifier of (AP) next to the course title. Example: ART 204 (AP.)

To receive AP credit the student must:

- Request that your AP scores be sent from the College Board to BMCC. Scores are accepted for up to three years after the exam date.
- Be enrolled at BMCC in at least one credit course.

Please contact the Registrar's Office at 541-278-5757 or email getinfo@bluecc.edu for additional information.

AP CREDIT CHART

AP Exam Taken	AP Score	BMCC Course	BMCC Credit
Art - History	3, 4, 5	ART 204 and ART 205	8
Art - 2-D Art & Design	3, 4, 5	ART 101	4
Biology	3, 4, 5	BI 101, BI 102, BI 103	12

Calculus AB	3	MTH 251	4
Calculus AB	4, 5	MTH 251 and MTH 252	8
Calculus BC	3	MTH 251 and MTH 252	8
Calculus BC	4, 5	MTH 251, MTH 252, MTH 253	12
Chemistry	3, 4, 5	CH 104, CH 105, CH 106	15
Computer Science A	3, 4, 5	CS 161	4
Drawing	3, 4, 5	ART 132	4
English Language and Composition	3, 4, 5	WR 121Z	4
English Literature and Composition	3, 4, 5	ENG 104	4
United States Government & Politics	3, 4, 5	PS 201	4
United States History	3, 4, 5	HST 201 and HST 202	8
Human Geography	3, 4, 5	GEOG 103	4
Macro Economics	3, 4, 5	EC 202	4
Micro Economics	3, 4, 5	EC 201	4
Physics C- Electricity & Magnetism	3, 4, 5	PHY 201	5
Physics C - Mechanics	3, 4, 5	PHY 201	5
Psychology	3, 4, 5	PSY 201	4
Spanish Language & Culture	3, 4, 5	SPAN 101, SPAN 102, SPAN 103	12
Statistics	3, 4, 5	STAT 243Z	4

College-Level Examination Program - CLEP

Students may earn College-Level Examination Program (CLEP) credits for certain courses by taking the CLEP exams sponsored by the College Board. Below is a list of BMCC's approved CLEP exams, minimum scores, number of possible credits granted, and corresponding BMCC course equivalencies. CLEP credits are reflected on BMCC's transcripts with a grade of "P" and with the course identifier of (CL) next to the course title.

To receive CLEP credit the student must:

- Request your CLEP scores be sent from the College Board to BMCC. Scores are accepted for up to three years after the exam date.
- Be enrolled at BMCC in at least one credit course.

Please contact the registrar's office at 541-278-5757 or email getinfo@bluecc.edu for additional information.

CLEP CREDIT CHART

Exam Subject	Minimum Score	Credit	BMCC Course Equivalency
Principles of Management	50	4	BA 206
Introductory Business Law	50	4	BA 226
Principles of Marketing	50	4	BA 223
Financial Accounting	50	8	BA 211
Biology	50	12	BI 101, BI 102, BI 103
Chemistry	50	4	CH 104

American Literature	50	8	ENG 253, ENG 254
Principles of Micro-Economics	50	4	EC 201
Principles of Macro-Economics	50	4	EC 202
Analyzing and Interpreting Literature	50	4	ENG 104
English Literature	50	8	ENG 204, ENG 205
Calculus	50	4	MTH 251
College Algebra	50	5	MTH 111Z
College Mathematics	50	5	MTH 105Z
Precalculus	50	5	MTH 112Z
Spanish Language I & II	50-65	8	SPAN 101, SPAN 102, SPAN 103
Spanish Language I & II	66 +	12	SPAN 201, SPAN 202, SPAN 203

Military Credit (MIL): Military credit will be evaluated according to American Council of Education guidelines. In most cases, credit will only be considered when it is equivalent to a course offered by BMCC. Military credits are not reflected on BMCC's transcripts and are considered transfer courses similar to coursework taken at other regionally accredited colleges. A pre-transcript notation is placed on the student's transcript noting the number of military credits accepted.

Recognition of Outstanding Student Performance

Academic Achievement: Blue Mountain Community College recognizes the exceptional academic achievement of students at the end of each term and at graduation.

Honor Roll

Students may attain honor status each term by qualifying for the Vice President's or the President's List. In all cases, the student must have completed six (6) or more BMCC credits during the term with grades of A, B, C, or D. Levels of achievement are:

- Vice President's List: 3.5 to 3.74 GPA
- President's List: 3.75 to 4.0 GPA

Only courses taken at BMCC will count towards Honor Roll designations. Credit awarded through AP, CLEP, ACE, DSST, or credit-by-exam will not be included. Only term GPAs, not cumulative GPAs, are counted for these recognitions.

Grades of P, NP, and INC do not count toward recognition of academic achievement.

The Registrar's Office will send notifications to each qualifying student at the end of each term.

Graduation Requirements

Students are responsible for fulfilling the requirements for graduation and should work with their advisor to ensure that they have or will complete the degree and/or certificate requirements.

As a candidate for graduation, students are required to submit an Application for Graduation. Students are encouraged to submit their application at least two terms prior to the term in which they expect to complete their program requirements (refer to the academic calendar in the catalog for specific deadline dates). This allows the academic advisor to assist the student in selecting coursework necessary to meet graduation requirements. Completed applications may be submitted to any BMCC location.

Upon the college's receipt and processing of the application, the Registrar's Office will notify the student and their advisor by email of the course/s needed to satisfy certificate/degree requirements. Should there be any discrepancy, the student and their advisor will be asked to notify the registrar as soon as possible. A graduation file will be established at that time and the degree audit will become the official degree check-off for degree completion purposes.

Auto-Award of Certificate/Degrees: If the Registrar or their designee finds that a student has completed all coursework necessary to complete their indicated program of study, the college will award the degrees and/or certificates upon completion of those requirements. Opting out of an institutional award requires completing the appropriate request through the registrar's office.

Multiple credentials may be institutionally awarded within your program of study.

Degrees and certificates become official when recorded on your transcript. Certificates and diplomas will be mailed to the address listed on your application within two months after final grades have been posted and reviewed.

Students that do not complete their degree requirements in the term and year identified on their application will be notified by the Registrar's Office about the final requirements needed to complete their certificate/degree requirements. Applications will be considered active for a period of one (1) year from the student's intended date of graduation.

Students that have not graduated after one year, will have their applications considered inactive and will be required to reapply for graduation and pay any fees in effect at the time of reapplication.

Residency Requirement

Students must have completed a specific number of credits at BMCC in order to meet the requirements for their degree as follows:

- **Two-Year Degree:** Must complete 24 credits at BMCC, 18 credits must apply towards the degree
- **One-Year Certificate:** Must complete 12 credits at BMCC, 9 credits must apply towards the certificate
- **Less than One-Year Certificate (LTOY):** Must complete 50% of credits required for the certificate at BMCC, 50% of credits must apply towards the LTOY
- **Career Pathway Certificates of Completion (CPCC):** Must complete 50% of credits required for the certificate at BMCC, 50% of credits must apply towards the CPCC

Graduation under a Particular Catalog

Catalog requirements are effective for five academic years. Students may graduate under the catalog requirements existing at the time of initial enrollment as long as they successfully complete at least one BMCC credit applicable to degree requirements per academic year unless they choose to meet the requirements of a later catalog. A new academic year begins each summer and ends the following spring. No catalog is valid for longer than the spring following the fifth academic year of issuance. Students that change their program will be moved to the catalog year during which the change was made.

Some programs may impose shorter time limits on accepting credits for degree or certificate requirements. Students enrolled in programs that are accredited or licensed must meet the requirements most recently approved by the accrediting agency or licensing authority. All returning students who have not been enrolled in a college credit course for one academic year must meet new degree requirements. Occasionally, the college may change courses and course numbers within a program. Students should regularly consult an advisor in their major department about their course of study.

BMCC reviews and updates degree requirements annually. Please note that some of the requirements for graduation may change if your studies are interrupted by one or more years and/or if a course of study extends beyond five years. Depending upon the college certificate or degree, you may be asked to complete updated requirements.

Honors for Commencement Ceremony

Students with exceptional academic qualifications that participate in our commencement ceremony with honors or high honors designation will have this designation noted in the commencement program. This designation applies to all of BMCC's degrees and certificates for academic, career, and technical programs. To qualify, students must have attended at least two terms and have earned at least 24 credit hours at BMCC (may be less for programs of less than two years in length). Honors designations are:

- Honors: cumulative GPA of 3.40 to 3.84
- High Honors: cumulative GPA of 3.85 or higher

Your cumulative GPA on your official BMCC transcript as of the end of the winter term is used to determine honors or high honors status for our ceremony. Students completing their degree requirements during the summer term but participating in the ceremony do not qualify to walk with honors/high honors. If you completed your certificate or degree requirements prior to the end of the winter term, your cumulative GPA for courses applied toward your certificate and or degree as of the term you completed will be used.

Commencement Ceremony

BMCC's commencement ceremony is held each year in June on the last day of spring term. Students who have completed or will complete all of their certificate and/or degree requirements during or prior to summer 2024 are eligible to participate in the 2024 ceremony. Those completing requirements as of fall 2024 or later will be invited to participate in the following year's ceremony.

Final Honors Distinction At Time of Award

Students with exceptional academic qualifications may qualify to complete their designated program of study with honors or high honors designation. This designation will appear on your official grade transcript and may apply to all earned degrees and certificates for academic, career, and technical programs. To qualify, you must have attended at least two terms and have earned at least 24 credit hours at BMCC (may be less for programs of less than two years in length). Honors designations are:

- **Honors:** cumulative GPA of 3.40 to 3.84
- **High Honors:** cumulative GPA of 3.85 or higher

This status is reflective of your cumulative GPA on your official BMCC transcript and does not include credits earned at another college/university. The calculation is performed on all courses completed and applied to your certificate and or degree through your final term of program completion and may be different than what was listed in our commencement program.

Suspended Programs of Study

When the College Administration decides to suspend or eliminate a program, Enrollment Services will identify students who may be affected by that action and will contact those students to advise them into other programs at BMCC that may serve the student's interests and needs. If this is not possible, the Office of Instruction will take the lead in investigating other reasonable options for students, such as programs at other colleges that students might attend, including online programs. This may or may not include financial support, depending upon the situation. The Chief Academic Officer or their designee will choose the best option to balance the students' and the college's needs.

Financial assistance for students, if it is to be offered, will be determined by the President and the Chief Academic Officer in each individual situation. It will depend on the number of students affected, where they might be able to complete the program, how far they are along in BMCC's program, and the amount of notice the school is able to give students to make other arrangements.

Teach-out agreements to assist students in completing their programs at other institutions will be created as necessary and in accordance with the circumstances at that particular time and may vary with each situation. The Registrar and the Office of Instruction will work to bridge communication between the students, the College Administration, and any partner colleges to help facilitate a smooth transition for all. The Registrar's Office, in collaboration with the Office of Instruction, is responsible for maintaining information on affected students, their progress at other institutions, and their satisfaction with the options offered to them in order to best serve students affected similarly in the future. The Office of Instruction will report all necessary information to the Northwest Association of Colleges and Universities and the Oregon Higher Education Coordinating Commission.

Contact the Registrar at studentrecords@bluecc.edu to determine eligibility.

Associate Degree Comprehensive Requirements

Associate of Arts Oregon Transfer (AAOT)

Students earning an AAOT degree from Blue Mountain Community College (BMCC) must successfully complete the following requirements along with the course requirements of the degree:

1. **Credits Required**: 90 Credits include only those that meet the requirements of this degree. Credit courses numbered below 100 or those considered below the collegiate level will not be used to fulfill the 90-credit minimum requirement.
2. **Residency Requirement**: Students must successfully complete a minimum of 24 quarter hours at BMCC. Eighteen (18) of these credits must apply to this degree. Non-traditional credit, credit transferred from another institution, or challenge credit cannot be used to meet the 24-quarter credit hour or 18-quarter credit hour requirement.
3. **Minimum Grade**: All courses must be completed with a grade of "C" or better.

COURSE REQUIREMENTS: See *Programs and Courses* Section for courses that meet these requirements.

Foundational Requirements:

- **Mathematics:** MTH 105Z or higher.
- **Oral Communication:** COM 111Z.
- **Writing:** Students taking writing classes of three credits each must take WR 121Z, WR 122Z, and either WR 123 or WR 227Z. Students taking writing classes of 4 credits each must take WR 121Z and either WR 122Z or WR 227Z. A student must have eight credits of writing in courses designated by the college as meeting the statewide criteria for college-level writing (WR 121Z, WR 122Z, WR123, WR 227Z).

- **Health/Wellness/Fitness:** One or more courses totaling at least three credits. PE 185 courses are repeatable.

Discipline Studies

- **Arts and Letters:** Three courses from any of the discipline studies that are designated as meeting the statewide criteria for Arts & Letters (Humanities).
- **Cultural Literacy:** One course from any of the discipline studies that is designated as meeting the statewide criteria for Cultural Literacy .
- **Science/Math/Computer Science:** Four courses from at least two disciplines including at least three Lab Science courses in biological, earth physical, and/or physical science.
- **Social Sciences:** Four courses chosen from two or more disciplines in Social Science.

Electives

- Any college-level course 100 level or higher that would bring the total credits to 90 credits. See notes below.

Note:

- **Maximum Number of Credits for Prior Learning (CPL):** Up to 22 credits of CPL may be applied to the degree.
- **Maximum Number of Career and Technical Education Courses**: Up to 12 credits may be applied to the elective area of this degree.

Associate of General Studies (AGS)

Students earning an AGS degree from Blue Mountain Community College (BMCC) must successfully complete the following requirements along with additional requirements of the degree:

1. **Credits Required**: 90 Credits include only those that meet the requirements of this degree.
2. **Residency Requirement**: Students must successfully complete a minimum of 24 quarter hours at BMCC. Eighteen (18) of these credits must apply to this degree. Non-traditional credit, credit transferred from another institution, or challenge credit cannot be used to meet the 24-quarter credit hour or 18-quarter credit hour requirement.
3. **Minimum Grade**: All courses must be completed with a grade of "C" or better.

COURSE REQUIREMENTS: See *Programs and Courses* Section for courses that meet these requirements.

Foundational Requirements:

- **Mathematics:** MTH 105Z or higher, or BA 104.
- **Oral Communication:** COM 100Z or higher.
- **Writing:** WR 121Z or higher.
- **Computer Science:** CS 120 or higher, or BA 131

Discipline Studies

- **Arts and Letters:** One course from any of the discipline studies that are designated as meeting the statewide criteria for Arts & Letters (Humanities).
- **Cultural Literacy:** One course from any of the discipline studies that is designated as meeting the statewide criteria for Cultural Literacy .
- **Lab Science:** One Lab Science course.
- **Social Sciences:** One Social Science course.

Electives

- Any college-level course 100 level or higher that would bring the total credits to 90 credits. See notes below.

Note:

1. **Maximum Number of Credits for Prior Learning (CPL):** Up to 22 credits of CPL may be applied to the degree

Associate of Science (AS)

Students earning an AS degree from Blue Mountain Community College (BMCC) must successfully complete the following requirements along with additional requirements of the AS degree:

1. **Credits Required**: 90 Credits include only those that meet the requirements of this degree. Credit courses numbered below 100 or those considered below the collegiate level will not be used to fulfill the 90-credit minimum requirement.
2. **Residency Requirement**: Students must successfully complete a minimum of 24 quarter hours at BMCC. Eighteen (18) of these credits must apply to this degree. Non-traditional credit, credit transferred from another institution, or challenge credit cannot be used to meet the 24-quarter credit hour or 18-quarter credit hour requirement.

3. **Minimum Cumulative Grade Average (CGPA)**: 2.0 The CGPA is calculated using only those courses that apply to this degree.

COURSE REQUIREMENTS: See *Programs and Courses* Section for courses that meet these requirements.

Foundational Requirements:

- **Mathematics:** MTH 111Z or higher.
- **Oral Communication:** COM 111Z.
- **Writing:** Students taking writing classes of three credits each must take WR 121Z, WR 122Z, and either WR 123 or WR 227Z. Students taking writing classes of 4 credits each must take WR 121Z and either WR 122Z or WR 227Z. A student must have eight credits of writing in courses designated by the college as meeting the statewide criteria for college-level writing (WR 121Z, WR 122Z, WR123, WR 227Z).

Discipline Studies

- **Arts and Letters:** One course from any of the discipline studies that are designated as meeting the statewide criteria for Arts & Letters (Humanities).
- **Lab Science**: Four Lab Science courses chosen from two or more disciplines (biological, earth, and physical science).
- **Science/Math/Computer Science:** Three courses.
- **Social Sciences:** Four courses chosen from two or more disciplines in Social Science.

Electives

- Any college-level course 100 level or higher that would bring the total credits to 90 credits. See notes below.

Note:

1. **Maximum Number of Credits for Prior Learning (CPL):** Up to 22 credits of CPL may be applied to the degree.
2. **Maximum Number of Career and Technical Education Courses**: Up to 12 credits may be applied to the elective area of this degree.

Associate of Science Transfer - Business (AST-BUS)

Students earning an AST-BUS degree from Blue Mountain Community College (BMCC) must successfully complete the following requirements along with additional requirements of the AST-BUS degree:

1. **Credits Required**: 90 Credits include only those that meet the requirements of this degree.
2. **Residency Requirement**: Students must successfully complete a minimum of 24 quarter hours at BMCC. Eighteen (18) of these credits must apply to this degree. Non-traditional credit, credit transferred from another institution, or challenge credit cannot be used to meet the 24-quarter credit hour or 18-quarter credit hour requirement.
3. **Minimum Grade**: All courses must be completed with a grade of "C" or better.

COURSE REQUIREMENTS: See *Programs and Courses* Section for courses that meet these requirements.

Foundational Requirements:

- **Mathematics:** MTH 105Z or higher and STAT 243Z.
- **Oral Communication:** COM 111Z.
- **Writing:** WR 121Z and WR 227Z.
- **Computer Applications:** BA 131 and BA 230.

Discipline Studies

- **Arts and Letters:** One non-communication Arts & Letters (Humanities) course.
- **Cultural Literacy:** COM 115.
- **Science:** Three Lab Science courses chosen from two or more disciplines (biological, earth, and physical science).
- **Social Sciences:** EC 201 and EC 202

Business Courses

Students must complete the following courses:

- BA 101, BA 131, BA 206, BA 211, BA 213, BA 214, BA 223, BA 226, BA 230, and BA 277.

Electives

- Any college-level course 100 level or higher that would bring the total credits to 90 credits. See notes below.

Note:

1. **Maximum Number of Credits for Prior Learning (CPL):** Up to 22 credits of CPL may be applied to the degree.

Associate of Science Oregon Transfer in Computer Science (ASOT-CS)

Students earning an ASOT-CS degree from Blue Mountain Community College (BMCC) must successfully complete the following requirements along with additional requirements of the ASOT/CS degree:

1. **Credits Required**: 90 Credits include only those that meet the requirements of this degree. Credit courses numbered below 100 or those considered below the collegiate level will not be used to fulfill the 90-credit minimum requirement.
2. **Residency Requirement**: Students must successfully complete a minimum of 24 quarter hours at BMCC. Eighteen (18) of these credits must apply to this degree. . Non-traditional credit, credit transferred from another institution, or challenge credit cannot be used to meet the 24-quarter credit hour or 18-quarter credit hour requirement.
3. **Minimum Grade**: All courses must be completed with a grade of "C" or better.

COURSE REQUIREMENTS: See *Programs and Courses* Section for courses that meet these requirements.

Foundational Requirements:

- **Mathematics:** MTH 251 and MTH 252.
- **Oral Communication:** COM 111Z.
- **Writing:** Students taking writing classes of three credits each must take WR 121Z, WR 122Z, and either WR 123 or WR 227Z. Students taking writing classes of 4 credits each must take WR 121Z and either WR 122Z or WR 227Z. A student must have eight credits of writing in courses designated by the college as meeting the statewide criteria for college-level writing (WR 121Z, WR 122Z, WR123, WR 227Z).
- **Health/Wellness/Fitness:** One or more courses totaling at least three credits. PE 185 courses are repeatable.

Discipline Studies

- **Arts and Letters:** Three courses from any of the discipline studies that are designated as meeting the statewide criteria for Arts & Letters (Humanities).
- **Cultural Literacy:** One course from any of the discipline studies that is designated as meeting the statewide criteria for Cultural Literacy .
- **Science/Math/Computer Science:** Four courses from at least two disciplines including at least three Lab Science courses in biological, earth physical, and/or physical science.

  1. See program-specific requirements as some programs require physics

  2. Note that the CS and Math core required courses will meet the requirement for 1 of the 4 required courses, so normally only 3 science courses outside of CS/Math are needed

- **Social Sciences:** Four courses chosen from two or more disciplines in Social Science.

Computer Science Courses

Students must complete the following courses:

- CS 160, CS 161, CS 162, and CS 260

Electives

- Any college-level course 100 level or higher that would bring the total credits to 90 credits. See notes below.

Note:

- **Maximum Number of Credits for Prior Learning (CPL):** Up to 22 credits of CPL may be applied to the degree.

Associate of Applied Science Degree (AAS)

Students earning an AAS degree from Blue Mountain Community College (BMCC) must successfully complete the following requirements along with additional requirements of the degree:

1. **Credits Required**: See the AAS program for the specific number of credits required for the degree. Credits include only those that meet the requirements of this degree.
2. **Residency Requirement**: Students must successfully complete a minimum of 24 quarter hours at BMCC. Eighteen (18) of these credits must apply to this degree. Non-traditional credit, credit transferred from another institution, or challenge credit cannot be used to

meet the 24-quarter credit hour or 18-quarter credit hour requirement.

3. **Minimum Cumulative Grade Average (CGPA)**: 2.0 The CGPA is calculated using only those courses that apply to this degree.

Note:

- **Maximum Number of Credits for Prior Learning (CPL):** Up to 22 credits of CPL may be applied to the degree.
- **Computer Literacy**: Must successfully complete the Computer Literacy requirement.

Course Substitutions

If a student is pursuing an Associate of Applied Science degree and would like to request a course substitution to meet program requirements, the student must discuss their request with their academic advisor. If the advisor considers the request appropriate, they will complete the necessary paperwork, and then obtain the approval and signature of the Chief Academic Officer. The Registrar's Office will process the information, once approved, and it will become a part of the student's permanent record.

Transcript Notations

Oregon Transfer Module (OTM) will be noted on a student's transcript upon completion of all module course requirements. Since the OTM is not a degree or certificate, BMCC's regular residency requirements do not apply. The student must have completed at least one credit at BMCC that applies to the OTM in order to have the module notation made on the student's official transcript.

Access to Student Records

The Registrar's Office maintains and processes academic records for the college. Student records are maintained in accordance with the college's official student record retention schedule. These records include but are not limited to, admission applications, transfer institution transcripts, transfer credit evaluations, correspondence, grade change forms, curriculum deviation forms, certificate/degree completion applications, and degree evaluations.

Education Record

Education records are those records that are maintained by BMCC or an agent of the College which is directly related to a student, except the following:

1. Records of instructional, supervisory, and administrative personnel and educational personnel that are kept in the sole possession of the maker of the record, and are not accessible or revealed to any other person except a temporary substitute for the maker of the record.
2. Records relating to an individual who is employed by the college, that are made and maintained in the normal course of business, that relate exclusively to the individual in that individual's capacity as an employee, and that are not available for use for any other purpose. Records relating to an individual in attendance at the college who is employed as a result of his or her status as a student are education records and are not exempt under this subsection.
3. Faculty records, relating to personal matters of faculty members such as conduct, personal and academic evaluations, and disciplinary actions.
4. Records on a student that are:
    - Made or maintained by a physician, psychiatrist, psychologist, or other recognized professional or paraprofessional acting in his or her professional capacity or assisting in a paraprofessional capacity;
    - Made, maintained, or used only in connection with the treatment of the student; and
    - Disclosed only to individuals providing the treatment. For the purpose of this definition, "treatment" does not include remedial educational activities or activities that are part of the program of instruction at the college.
5. Records that only contain information relating to activities in which an individual engaged after he or she was no longer a student at the college.
6. Medical or nursing records are made or maintained separately and solely by a licensed healthcare professional and are not used for education purposes or planning.
7. "Personally identifiable information" includes, but is not limited to:
    - Student's name;
    - The name of the student's parents, children, spouse, or other family members;
    - Address of the student or the student's family;
    - Telephone number of the student or the student's family;
    - Photograph of the student;

- A personal identifier, such as the student's social security number or student number; and
- A list of personal characteristics that would make the student's identity easily traceable, or other information that would make the student's identity easily traceable.

Student - any person who attends or has attended Blue Mountain Community College.

Records Restrictions (Holds)

Students that owe a financial obligation to the college will not be able to access their official college transcripts until their debt has been paid in full.

Social Security Number (SSN)

Providing your SSN is voluntary. If you choose to provide it, it means you consent to allow us to use the number in the manner described. If you chose not to do so, you will not be denied any right, benefit, or privilege provided by law. You may revoke your consent for the use of the SSN at any time by writing to BMCC, Attention: Registrar's Office, 2411 NW Carden, Pendleton, OR 97801. You will be required to provide supporting identification with your request (ex: current driver's license).

Oregon Administrative Rule 589-004-0400 authorizes Blue Mountain Community College (BMCC) to ask students to provide their Social Security Number. The number will be used by the college for reporting, research, and record keeping. The numbers will also be provided by the College to Data for Analysis (D4A), which gathers information about students and programs to meet state and federal reporting requirements. The number will be provided to entities requiring Social Security Number, including but not limited to the federal government for financial aid, and as required by court order in accordance with the Family Educational Rights and Privacy Act (FERPA). It also helps colleges plan, research, and develop programs. This information helps BMCC to support the progress of students and their success in the workplace and other education programs.

D4A or BMCC may provide a student's Social Security Number to the following agencies or match it with records from the following systems:

- State and private universities, colleges, and vocational schools determine how many community college students continue their education and find out whether community college courses are a good basis for further education.
- The Oregon Employment Department gathers information, including employment and earnings, to help state and local agencies plan education and training services to help Oregon citizens get the best jobs available.
- The Oregon Department of Education provides reports to local, state, and federal government. The information is used to learn about education, training, and job market trends for planning, research, and program improvement.
- The Oregon Department of Revenue and collection agencies are only for the purposes of processing debts and only if BMCC extends credit to the student.

State and federal law protects the privacy of student records. A Social Security number will be used only for the purposes listed above. However, there may be times when solicitation and disclosure of a student's Social Security Number is mandated by law.

BMCC Alumni Association

BMCC's Alumni Association fosters lifelong partnerships between students, alumni, employers, and friends of the College. Connections like these make the College and community stronger and more successful. Whether you finished your degree or certificate, started your educational journey, or earned job skills through BMCC, you are an alumnus of Blue Mountain Community College. The only requirement is a passion for the College! Our mission is to inform, connect and celebrate our alumni! We invite you to stay connected with "the Pack" and be part of BMCC's future through networking, mentorship, volunteerism, and the support of current students. Be Timberwolf Proud and join the BMCC Alumni Association at www.bluecc.edu/alumni. You can also find us on social at *Blue Mountain Community College: Alumni & Friends*.

TRiO - Student Support Services

TRiO/Student Support Services works with eligible, admitted students to provide comprehensive academic support. Nationwide, students who are part of a TRiO program tend to have higher GPAs and earn more credits than those who are not involved with TRiO. The TRiO program at BMCC offers a student computer lab, professional tutoring, peer mentoring, comprehensive advising, student success coaching, four-year transfer assistance, university campus visits, workshops on financial literacy, study strategies, time management, and book and calculator loans.

TRiO/Student Support Services also offers cultural and student engagement opportunities. Students are provided opportunities to attend cultural event activities such as theatre, museum, art, and community events. Additionally, students are encouraged to join the TRiO Club, an ASG club focused on community service and leadership opportunities while providing fun and exciting college experiences.

To qualify, you must be a U.S. citizen or permanent resident and enrolled in a degree program at any of the Blue Mountain Community College campuses. In addition, you must meet at least one of the following criteria to be a TRiO student: be a first-generation student (neither parent nor guardian graduated with a bachelor's degree), qualify as low income, or have a documented disability. For more information or to find out if you qualify, contact TRiO/Student Support Services. Offices are located on the Pendleton campus in Morrow Hall, Room M-146. Contact information: 541-278-5855, email trio@bluecc.edu, or view information online at www.bluecc.edu.

DEGREE AND CERTIFICATE PROGRAMS

Associate of Arts Oregon Transfer (AAOT)

Associate of Arts Oregon Transfer - Elementary Education (AAOT-Education)

Associate of Science Oregon Transfer/Computer Science (ASOT/CS)

Associate of Science Transfer - Business (AST-Bus)

Associate of Science (AS)

Associate of General Studies (AGS)

Associate of Applied Science (AAS) Programs

Certificates of Completion (CC) & (SCC)

Career Pathways Certificates of Completion (CCPC) & (SCPC)

Non-Credit Training Certificates (NCTC)

Apprenticeships

Career and Technical Programs

Agriculture

Degrees

- Associate of Applied Science in Agriculture Business (AAS)
- Associate of Applied Science in Agriculture Production (AAS)
- Associate of Applied Science in Agriculture Production - Crops (AAS)
- Associate of Applied Science in Agriculture Production - Livestock (AAS)
- Associate of Applied Science in Precision Agriculture (AAS)

Certificates

- Agriculture Production Crops: Pest Management (CPCC)
- Agriculture Production Livestock: Beef Production (CPCC)

Apprenticeship

Degrees

- Associate of Applied Science in Construction Trades - General Apprenticeship (AAS)
- Associate of Applied Science in Electrician Apprenticeship Technologies (AAS)
- Associate of Applied Science in Industrial Mechanics & Maintenance Technology Apprenticeship (SAAS)

Certificates

- Construction Trades General Apprenticeship (SCC)
- Construction Trades, General Apprenticeship - Trade Worker Apprenticeship Technologies (SCPC)
- Electrician Apprenticeship Technologies - Electrician Apprenticeship Technologies (SCC)
- Electrician Apprenticeship Technologies - Limited Electrician Apprenticeship Technologies (SCC)
- Electrician Apprenticeship Technologies - Trade Worker Apprenticeship Technologies (SCPC)
- Industrial Mechanics & Maintenance Technology Apprenticeship (SCC)

- Industrial Mechanics & Maintenance Technology Apprenticeship - Mechanical Maintenance Apprenticeship (SCC)
- Industrial Mechanics & Maintenance Technology Apprenticeship - Trade Worker Apprenticeship Tech (SCPC)

Business Administration

Degrees

- Associate of Applied Science in Business Administration (AAS)
- Associate of Science Transfer - Business (AST-Bus)

Certificates

- Business Administration: Accounting Technician (CC)
- Business Administration: Business Operations Support Specialist (CPCC)
- Business Administration: Office Assistant (CC)
- Business Administration: Workplace Readiness (CPCC)
- Business Administration: Entrepreneurship (CC) (awaiting State approval)

Data Center Technician

Certificate

- Data Center Technician (CC)

Diesel Technology

Degree

- Associate of Applied Science in Diesel Technology - Diesel Technician (AAS)

Certificate

- Diesel Technician: Diesel Technician's Assistant (CPCC)

Early Childhood Education

Degree

- Associate of Applied Science in Early Childhood Education (AAS)

Certificates

- Early Childhood Education (CC)
- Early Childhood Education Assistant (CPCC)
- Early Childhood Education Developmentally Appropriate Early Learning Environments (DAELE) (CPCC)
- Early Childhood Infant Toddler Certificate (CC)

Education

Degree

- Associate of Arts Oregon Transfer - Elementary Education (AAOT-Education)

Emergency Services

Degree

- Associate of Applied Science in Fire Science Technology (AAS)

Certificate

- Emergency Medical Technician (EMT) (CC)

Industrial Systems Technology

Degree

- Associate of Applied Science in Industrial Systems Technology (AAS)

Math and Computer Science

Degree

- Associate of Science Oregon Transfer/Computer Science (ASOT/CS)

Certificate

- Software Development (CC)

Medical Assisting

Certificate

- Medical Assisting (CC)

Nursing

Degree

- Associate of Applied Science in Nursing (AAS)

Unmanned Aircraft Systems

Degree

- Associate of Applied Science in Unmanned Aircraft Systems (AAS)

Certificate

- Unmanned Aircraft Systems (CC) (awaiting State approval)

Non-Credit Training Certificates

- Flight Labs
- UAS Professional Pilot

Veterinary Studies

Certificate

- Veterinary Assistant (CC)

Other

- Pre-Veterinary Technician Preparation

Welding

Certificate

- Welding Certificate (CC)

Degree and Certificates
Transfer Degree Options

Associate of Arts Oregon Transfer (AAOT)

Associate of Arts Oregon Transfer (A.A.O.T) degree, is a non-designated block transfer degree designed for the student who intends to transfer to a four-year college or university within the Oregon University System (OUS).

Students transferring under this agreement will have junior status for registration purposes. Course, class standing or GPA, and requirements for specific majors, departments or schools are not necessarily satisfied by an AAOT degree.

All courses should be aligned with the student's intended program of study and the degree requirements of the baccalaureate institution to which the student plans to transfer. A student is encouraged to work with an advisor in the selection of courses.

The Associate of Arts Oregon Transfer degree is awarded to students who meet the following:

1. Associate Degree Comprehensive Requirements
2. Associate of Arts Oregon Transfer Requirements:

A total of 90 credits are required for this degree. All courses must be completed with a grade of "C" or better. Students must have a minimum cumulative GPA of 2.0 at the time the AAOT is awarded.

Foundational Requirements:

Courses must be a minimum of 3 credits (except for Health/Wellness courses, which may be any number of credits)

Writing:

A student must have at least 8 credits of Writing;

- WR 121Z - English Composition I Credits - 4

  and either

- WR 122Z - English Composition II Credits - 4

  Or

- WR 227Z - Technical Writing Credits - 4
- WR 123 may be used to complete the 8 credits.

Oral Communication:

- COM 111Z - Public Speaking Credits – 4

Math:

Complete a minimum of four credits in:

- MTH 105Z - Math in Society Credits - 4 or higher.

Health/Wellness:

One or more courses totaling at least three credits from Health/Wellness .

Discipline Studies:

(Courses must be at least 3 credits)

Arts and Letters:

Complete at least 3 courses chosen from at least two disciplines in Arts & Letters (Humanities) .

Social Science:

Complete at least 4 courses chosen from at least two disciplines in Social Science .

Science/Math/Computer Science:

Complete at least 3 courses from at least two disciplines in Lab Science.

Complete at least 1 course from Non-Lab Science / Mathematics / Computer Science.

Cultural Literacy:

Complete at least 1 course from any of the discipline studies that is designated as meeting the statewide criteria for Cultural Literacy . This course can be one of the 11 required Discipline Studies courses.

Elective Credit:

Complete 100 or 200 level lower division collegiate courses to meet the overall requirement of 90 credits for this degree. Elective courses may be any number of credits. A maximum of 12 credits of Career and Technical Education courses, as designated by BMCC, may be applied to this degree.

Associate of Arts Oregon Transfer Degree (AAOT)-Elementary Education

Elementary/Middle School Education

The AAOT-Elementary Education degree is designed for those interested in pursuing a career in elementary education. This two year degree prepares students to transfer to an undergraduate teaching program at a four-year university. Required courses will explore topics related to student learning, teaching strategies, and requirements to become a professional educator for an enriching career in education. The Director of Education works closely with students to completion and to transfer seamlessly to a university of their choosing to ensure an efficient pathway to potential licensure.

GROW YOUR OWN: A program for students who want to remain local to Eastern Oregon and teach within our own schools. Earn an AAOT-Elementary ED degree in two years from BMCC and transfer seamlessly to EOU to complete the last two years.

Program Curriculum

Term 1

- ED 101 - Introduction to Education Seminar and Practicum Credits - 4
- GEOG 120 - World/Regional Geography Credits - 4
- WR 121Z - English Composition I Credits - 4

Term 1 Total: 12

Term 2

- COM 111Z - Public Speaking Credits - 4
- ED 258 - Culturally Responsive Teaching and Learning in the Classroom Credits - 4
- PSY 201 - General Psychology Credits - 4
- WR 122Z - English Composition II Credits - 4

Term 2 Total: 16

Term 3

- ART 115, ART 116, OR ART 117 - Basic Design Credits - 4

  OR

- ART 131, ART 132, OR ART 133 - Beginning Drawing Credits - 4
- ED 169 - Overview of Students with Special Needs Credits - 4
- HPE 295 - Health and Fitness for Life Credits - 3
- HST 201, HST 202, OR HST 203 - History of the United States Credits - 4

Term 3 Total: 15

Term 4

- ED 216 - Foundations of Education Credits - 4
- ENG 104, ENG 105, OR ENG 106 Introduction to Literature Credits - 4
- Lab Science (Earth Science) Credits - 4
- MTH 211 - Foundations of Elementary Mathematics Credits - 4

Term 4 Total: 16

Term 5

- Arts & Letters (Humanities) - Credits - 4
- General Electives Credits - 4 (ED 280 recommended)
- Lab Science (Biological Science) Credits - 4
- MTH 212 - Foundations of Elementary Mathematics Credits - 4

Term 5 Total: 16

Term 6

- ED 253 - Learning Across the Lifespan Credits - 4
- Lab Science Credits - 4
- MTH 213 - Foundations of Elementary Mathematics Credits - 4
- PS 201 - American Government and Politics Credits - 4

Term 6 Total: 16

Total Credits: 91

ASSOCIATE OF SCIENCE OREGON TRANSFER/COMPUTER SCIENCE (ASOT/CS)

Associate of Science Oregon Transfer/Computer Science (ASPT/CS.) degree will prepare students to transfer to an Oregon public university. Computer Science (CS) is the study of programs, data, computing machinery, and how these interact. Majors in computer science are offered at EOU, OSU, OIT, PSU, SOU, UO, and WOU in Oregon. Be aware that the core CS curriculum and major options vary at the above-listed schools. Consult with a BMCC faculty adviser before beginning your first term at BMCC as a CS transfer major.

The ASOT/CS is awarded to students who meet the following:

Associate Degree Comprehensive Requirements

Associate of Science Oregon Transfer/ Computer Science Degree Requirements:

A total of 90 credits are required for this degree. All courses must be passed with a grade of “C” or better. Students must have a minimum cumulative GPA of 2.0 at the time the ASOT/CS is awarded.

Foundational Requirements:

Courses must be a minimum of 3 credits (except for Health/Wellness courses, which may be any number of credits)

Writing:

A student must have at least 8 credits of Writing; WR123 may be used to complete the 8 credits.

- WR 121Z - English Composition I Credits - 4
- WR 122Z - English Composition II Credits - 4

OR

- WR 227Z - Technical Writing Credits - 4

Oral Communication:

- COM 111Z - Public Speaking Credits - 4

Math:

- MTH 251 - Calculus Credits - 4
- MTH 252 - Calculus Credits - 4

Health/Wellness:

One or more courses totaling at least three credits from Health/Wellness .

Discipline Studies:

(courses must be at least 3 credits)

Arts and Letters:

Complete at least 3 courses chosen from at least two disciplines in this Arts & Letters (Humanities) .

Social Science:

Complete at least 4 courses chosen from at least two disciplines in Social Science .

Science/Math/Computer Science:

Complete at least 3 laboratory courses in biological and/or physical science

Cultural Literacy:

Complete at least 1 course from any discipline studies designated as meeting the statewide criteria for Cultural Literacy . This course cannot be one of the 11 required Discipline Studies courses. Course must have been completed in Summer term 2010 or later.

Computer Science:

- CS 160 - Gentle Introduction to Programming Credits - 4
- CS 161 - Computer Science Credits - 4
- CS 162 - Computer Science Credits - 4
- CS 260 - Data Structures Credits - 4

Elective Credit:

Complete 100 or 200 level lower division collegiate courses to meet the overall requirement of 90 credits for this degree. Elective courses may be any number of credits. A maximum of 12 credits of Career and Technical Education courses, as designated by BMCC, may be applied to this degree with the exception of BA 104 and BA 105.

BUSINESS ADMINISTRATION (AST)

Associate of Science Transfer - Business (AST-Bus)

Students earning an AST-Bus degree from Blue Mountain Community College (BMCC) must successfully complete the following requirements along with additional requirements of the AST-Bus degree:

Credits Required: 93 Credits include only those that meet the requirements of this degree.

Residency Requirement: Students must successfully complete a minimum of 24 quarter hours at BMCC. Eighteen (18) of these credits must apply to this degree. Non-traditional credit, credit transferred from another institution, or challenge credit cannot be used to meet the 24 quarter credit hour or 18 quarter credit hour requirement.

Minimum Grade: All courses must be completed with a grade of “C” or better.

Foundational Requirements

Writing

- WR 121Z - English Composition I Credits - 4
- WR 227Z - Technical Writing Credits - 4

Information literacy will be included in the writing requirement.

Oral Communications

- COM 111Z - Public Speaking Credits - 4

Mathematics

- STAT 243Z - Elementary Statistics I Credits - 4
- another Math class for which MTH095 is a prerequisite

Computer Applications

- BA 131 - Introduction to Business Computing Credits - 4
- BA 230 - Spreadsheets/MS Excel Credits - 4

Discipline Studies

Arts and Letters

- COM 115 - Intercultural Communication Credits - 4
- and one non-communication course chosen from Arts & Letters (Humanities) .

COM 115 meets the cultural literacy requirement.

Social Sciences

- EC 201 - Principles of Microeconomic Theory with Applications Credits - 4
- EC 202 - Principles of Macroeconomic Theory with Applications Credits - 4

Lab Sciences

- Three Lab Science courses from at least two disciplines.

Cultural Literacy

- COM 115 - Intercultural Communication Credits - 4

Business Courses

- BA 101 - Introduction to Business Credits - 4
- BA 131 - Introduction to Business Computing Credits - 4
- BA 206 - Principles of Management Credits - 4
- BA 211 - Principles of Accounting Credits - 4
- BA 213 - Principles of Accounting Credits - 4
- BA 214 - Business Communications Credits - 4
- BA 223 - Principles of Marketing Credits - 4
- BA 226 - Business Law Credits - 4
- BA 230 - Spreadsheets/MS Excel Credits - 4
- BA 277 - Business Ethics Credits - 4

Electives

Any college-level course 100 level or higher that would bring total credits to 93 credits.

- Career and Technical Courses
- General Electives

Note: Maximum Number of Credits for Prior Learning (CPL): 22 credits of CPL may be applied to the degree.

ASSOCIATE OF SCIENCE (AS)

Associate of Science (A.S.) degree, a non-designated college transfer degree designed for students whose program requirements do not fit AAOT degree patterns. This degree does not always “block transfer” to Oregon colleges.

The Associate of Science degree is awarded to students who meet the following:

1. Associate Degree Comprehensive Requirements
2. Associate of Science Requirements:

A total of 90 credits are required for this degree. Students must have a minimum cumulative GPA of 2.0 at the time the AAOT is awarded.

To help you in selecting your courses, there are four areas of emphasis that you can choose from to guide you.

- Associate of Science: Biological Science Emphasis
- Associate of Science: Earth Science Emphasis
- Associate of Science: Physical Science Emphasis
- Associate of Science: Engineering Emphasis

Foundational Requirements:

All courses listed in this section must be completed with a grade of “C” or better. P grades are considered equivalent to a ”C” or better.

Writing:

A student must have at least 8 credits of Writing:

- WR 121Z - English Composition I Credits - 4

  AND

- WR 122Z - English Composition II Credits - 4

  OR

- WR 227Z - Technical Writing Credits - 4

Math:

- MTH 111Z - Precalculus I: Functions Credits – 4 or higher

Communication:

- COM 111Z - Public Speaking Credits – 4

Discipline Studies:

(courses must be at least 3 credits)

Arts and Letters:

Complete at least one course from Arts & Letters (Humanities)

Social Science:

Complete at least 4 courses chosen from at least two disciplines in Social Science

Lab Science:

Complete at least four courses chosen from two or more disciplines in Lab Science .

Science/Math/Computer Science:

Complete at least 3 courses from the Mathematics , Lab Science , Non-Lab Science , or Computer Science courses.

Elective Credit:

Complete 100 or 200 level lower division collegiate courses to meet the overall requirement of 90 credits for this degree. Elective courses may be any number of credits. A maximum of 12 credits of Career and Technical Education courses, as designated by BMCC, may be applied to this degree.

ASSOCIATE OF GENERAL STUDIES (AGS)

The Associate of General Studies (AGS) degree is intended to meet individual student needs using a variety of collegiate level courses to meet degree requirements. The AGS is a non-designated two-year degree that consists of both career and technical education (CTE) courses and college-transfer courses. It is intended for people who are not planning a career change or transferring to a four-year college. This is not a transfer degree, although some credits may transfer to four-year colleges.

A total of 90 credits are required for this degree. All courses must be completed with a grade of “C” or better. Students must have a minimum cumulative GPA of 2.0 at the time the AGS is awarded.

The Associate of General Studies degree is awarded to students who meet the following:

Foundational Requirements:

Courses must be a minimum of 3 credits (except for Health/Wellness courses, which may be any number of credits)

Writing:

- WR 121Z - English Composition I Credits - 4

Communication:

- COM 100Z - Introduction to Communication Credits - 4

Math:

Complete one of the following:

- MTH 105Z - Math in Society Credits – 4 or higher
- BA 104 - Business Mathematics Credits - 4

Computer Literacy

Complete one of the following:

- BA 131 - Introduction to Business Computing Credits - 4
- CS 120 - Concepts of Computing Credits – 4 or higher

Discipline Studies:

(courses must be at least 3 credits)

Arts and Letters:

Complete at least 1 courses chosen from Arts & Letters (Humanities).

Social Science:

Complete at least 1 courses chosen from Social Science.

Lab Science:

Complete at least 1 course from Lab Science

Cultural Literacy

At least 1 course chosen from Cultural Literacy , which could also satisfy a course from another requirement.

Elective Credit:

Complete 100 or 200 level lower division collegiate courses to meet the overall requirement of 90 credits for this degree. Elective courses may be any number of credits.

ASSOCIATE OF APPLIED SCIENCE PROGRAMS

Agriculture

- Agriculture Business (AAS)
- Agriculture Production (AAS)
- Agriculture Production Crops Option (AAS)
- Agriculture Production Livestock Option (AAS)
- Precision Agriculture (AAS)

Apprenticeship

- Construction Trades General Apprenticeship (SAAS)
- Electrician Apprenticeship Technologies (SAAS)
- Industrial Mechanics & Maintenance Technology Apprenticeship (SAAS)

Business Administration

- Business Administration (AAS)

Diesel Technology

- Diesel Technician (AAS)

Early Childhood Education

- Early Childhood Education (AAS)

Emergency Services

- Fire Science Technology (AAS)

Industrial Systems Technology

- Industrial Systems Technology (AAS)

Nursing

- Nursing (AAS)

Unmanned Aircraft Systems

- Unmanned Aircraft Systems (AAS)

CERTIFICATES OF COMPLETION (CC) & (SCC)

Apprenticeship

- Construction Trades General Apprenticeship (SCC)
- Electrician Apprenticeship Technologies - Electrician Apprenticeship Technologies (SCC)
- Electrician Apprenticeship Technologies - Limited Electrician Apprenticeship Technologies (SCC)
- Industrial Mechanics & Maintenance Technology Apprenticeship (SCC)
- Industrial Mechanics & Maintenance Technology Apprenticeship - Mechanical Maintenance Apprenticeship (SCC)

Business Administration

- Business Administration: Accounting Technician (CC)
- Business Administration: Entrepreneurship (CC)
- Business Administration: Office Assistant (CC)

Data Center Technician

- Data Center Technician (CC)

Early Childhood Education

- Early Childhood Education (CC)
- Early Childhood Infant Toddler Certificate (CC)

Emergency Services

- Emergency Medical Technician (EMT) (CC)

Math and Computer Science

- Software Development (CC)

Medical Assisting

- Medical Assisting (CC)

Veterinary Studies

- Veterinary Assistant (CC)

Welding

- Welding Certificate (CC)

CAREER PATHWAYS CERTIFICATES OF COMPLETION (CCPC) & (SCPC)

Agriculture

- Agriculture Production Crops: Pest Management (CPCC)
- Agriculture Production Livestock: Beef Production (CPCC)

Apprenticeship

- Construction Trades, General Apprenticeship - Trade Worker Apprenticeship Technologies (SCPC)
- Electrician Apprenticeship Technologies - Trade Worker Apprenticeship Technologies (SCPC)
- Industrial Mechanics & Maintenance Technology Apprenticeship - Trade Worker Apprenticeship Tech (SCPC)

Business Administration

- Business Administration: Business Operations Support Specialist (CPCC)
- Business Administration: Workplace Readiness (CPCC)

Diesel Technology

- Diesel Technician: Diesel Technician's Assistant (CPCC)

Early Childhood Education

- Early Childhood Education Assistant (CPCC)
- Early Childhood Education Developmentally Appropriate Early Learning Environments (DAELE) (CPCC)

NON-CREDIT TRAINING CERTIFICATE (NCTC)

UAS Professional Pilot

Flight Labs

APPRENTICESHIPS

Associate of Applied Science Degree

- Construction Trades General Apprenticeship (SAAS)
- Electrician Apprenticeship Technologies (SAAS)
- Industrial Mechanics & Maintenance Technology Apprenticeship (SAAS)

Certificate

- Construction Trades General Apprenticeship (SCC)
- Construction Trades, General Apprenticeship - Trade Worker Apprenticeship Technologies (SCPC)
- Electrician Apprenticeship Technologies - Electrician Apprenticeship Technologies (SCC)
- Electrician Apprenticeship Technologies - Limited Electrician Apprenticeship Technologies (SCC)
- Electrician Apprenticeship Technologies - Trade Worker Apprenticeship Technologies (SCPC)
- Industrial Mechanics & Maintenance Technology Apprenticeship (SCC)
- Industrial Mechanics & Maintenance Technology Apprenticeship - Mechanical Maintenance Apprenticeship (SCC)
- Industrial Mechanics & Maintenance Technology Apprenticeship - Trade Worker Apprenticeship Tech (SCPC)

Career Technical Degrees and Certificates Listing

Agriculture

AGRICULTURE BUSINESS (AAS)

Career Pathways:

Business and Management
Agriculture, Food and Natural Resources Systems

Intended Program Outcomes:

This two-year program leading to an A.A.S. in agriculture business will prepare the student for a career in the broad field of agri-business or in support areas of production agriculture by providing the necessary knowledge in the following areas:

- Industry-related employment skills
- Animal science (techniques, issues, technology, trends)
- Crop science (techniques, issues, technology, trends)
- Agriculture-related business practices
- Agricultural operations (safety, mechanical technology)

Opportunities are available in sales of equipment, fertilizer and chemicals, agricultural credit, record-keeping and other areas. Many of the business and agriculture courses may be transferred to other four-year colleges. Students wishing to transfer to a four-year institution should review with their advisor the transferability of their courses and should review the program requirements of that school. The following schedule is illustrative only; an individual student's schedule may be different.

Program Curriculum

Term 1

- AGM 131 - Agriculture Safety Credits - 3
- AGR 101 - Agriculture Orientation Credits - 1
- AGR 111 - Agriculture Computers Credits - 3
- AGR 210 - Agriculture Accounting Credits - 4
- WR 121Z - English Composition I Credits - 4

Term 1 Total: 15

Term 2

- AGM 140 - Agriculture Engines Credits - 3
- AGM 221 - Metals and Welding Credits - 3
- AGR 211 - Agriculture Business Management Credits - 3
- ANS 121 - Animal Science Credits - 4
- WR 227Z - Technical Writing Credits - 4

Term 2 Total: 17

Term 3

- AGR 221 - Agriculture Marketing Credits - 3
- ANS 122 - Animal Science Credits - 3
- Business Electives Credits - 4
- MTH 095 - Intermediate Algebra Credits - 5 (or higher)

Term 3 Total: 15

Term 4

- AGM 211 - Agriculture Construction and Surveying Credits - 3
- AGR 226 - Agriculture Issues Credits - 3
- CSS 210 - Forage Crops Credits - 3
- EC 201 - Principles of Microeconomic Theory with Applications Credits - 4
- HORT 100 - Plant Science Credits - 3

Term 4 Total: 16

Term 5

- AGR 200 - Pre-Employment Seminar Credits - 1
- Business Electives Credits - 8
- CSS 100 - Soils and Fertilizers Credits - 3
- EC 202 - Principles of Macroeconomic Theory with Applications Credits - 4

Term 5 Total: 16

Term 6

- AGR 280 - Cooperative Work Experience Credits - 1-8 (2 credits needed)
- AGR 296 - Production Problems Credits - 4
- COM 111Z - Public Speaking Credits - 4 (or higher)
- HE 252 - First Aid Credits – 3

  OR

- HPE 295 - Health and Fitness for Life Credits - 3

Term 6 Total: 13

Total Credits: 92

AGRICULTURE PRODUCTION (AAS)

Career Pathways:

Agriculture, Food and Natural Resources Systems

Intended Program Outcomes:

This two-year program leading to an A.A.S. degree in agriculture production will prepare the student concerned with the raising of an agriculture crop commodity by providing the necessary knowledge in the following areas:

- Industry-related employment skills
- Animal science (techniques, issues, technology, trends)
- Crop science (techniques, issues, technology, trends)
- Agriculture-related business practices
- Agricultural operations (safety, mechanical technology)

The curriculum includes a balanced selection of courses in the areas of crops, mechanics and business. Students wishing to specialize in a particular area should consult their advisor to develop an academic plan. The following schedule is illustrative only; an individual student's schedule may be different.

Program Curriculum

Term 1

- AGM 131 - Agriculture Safety Credits - 3
- AGM 240 - Tractors Credits - 2
- AGR 101 - Agriculture Orientation Credits - 1
- AGR 111 - Agriculture Computers Credits - 3
- AGR 210 - Agriculture Accounting Credits - 4
- HORT 100 - Plant Science Credits - 3

Term 1 Total: 16

Term 2

- AGM 140 - Agriculture Engines Credits - 3
- AGM 221 - Metals and Welding Credits - 3
- AGR 211 - Agriculture Business Management Credits - 3
- ANS 121 - Animal Science Credits - 4
- CSS 100 - Soils and Fertilizers Credits - 3

Term 2 Total: 16

Term 3

- AGM 241 - Agriculture Machinery Credits - 3
- AGR 221 - Agriculture Marketing Credits - 3
- ANS 122 - Animal Science Credits - 3
- CSS 201 - Principles of Crop Science Credits - 3
- RNG 241 - Range Management Credits - 3

Term 3 Total: 15

Term 4

- AGM 211 - Agriculture Construction and Surveying Credits - 3
- AGR 226 - Agriculture Issues Credits - 3
- COM 100Z - Introduction to Communication Credits - 4 (or higher)
- CSS 210 - Forage Crops Credits - 3
- WR 065 - Introduction to Technical Writing Credits - 3 (or higher)

Term 4 Total: 16

Term 5

- AGR 200 - Pre-Employment Seminar Credits - 1
- AGR 280 - Cooperative Work Experience Credits - 1-8 (3 credits needed)
- HE 252 - First Aid Credits - 3
- Human Relations Elective Credits - 3
- MTH 070 - Elementary Algebra Credits - 5 or higher

Term 5 Total: 15

Term 6

- AGR 296 - Production Problems Credits - 4
- Agriculture Electives Credits - 12

Term 6 Total: 16

Total Credits: 94

AGRICULTURE PRODUCTION CROPS OPTION (AAS)

Career Pathways:

Agriculture, Food and Natural Resources Systems

Intended Program Outcomes:

This two-year program leading to an A.A.S. in agriculture production: crops, will prepare the student concerned with the raising of an agriculture crop commodity by providing the necessary knowledge in the following areas:

- Industry-related employment skills
- Animal science (techniques, issues, technology, trends)
- Crop science (techniques, issues, technology, trends)
- Agriculture-related business practices
- Agricultural operations (safety, mechanical technology)

The curriculum includes a balanced selection of courses in the areas of crops, mechanics and business. Students wishing to specialize in a particular area should consult their advisor to develop an academic plan. The following schedule is illustrative only; an individual student's schedule may be different.

Program Curriculum

Term 1

- AGM 131 - Agriculture Safety Credits - 3
- AGM 240 - Tractors Credits - 2
- AGR 101 - Agriculture Orientation Credits - 1
- AGR 111 - Agriculture Computers Credits - 3
- AGR 210 - Agriculture Accounting Credits - 4
- HE 252 - First Aid Credits - 3
- HORT 100 - Plant Science Credits - 3

Term 1 Total: 19

Term 2

- AGM 140 - Agriculture Engines Credits - 3
- AGM 221 - Metals and Welding Credits - 3
- AGM 250 - Irrigation Systems Design Credits - 3
- AGR 211 - Agriculture Business Management Credits - 3
- ANS 121 - Animal Science Credits - 4
- CSS 100 - Soils and Fertilizers Credits - 3

Term 2 Total: 19

Term 3

- AGM 241 - Agriculture Machinery Credits - 3
- AGM 251 - Irrigation Systems Credits - 3
- ANS 122 - Animal Science Credits - 3
- CSS 201 - Principles of Crop Science Credits - 3
- COM 100Z - Introduction to Communication Credits - 4 (or higher)

Term 3 Total: 16

Term 4

- AGM 211 - Agriculture Construction and Surveying Credits - 3
- AGR 226 - Agriculture Issues Credits - 3
- CSS 210 - Forage Crops Credits - 3
- MTH 070 - Elementary Algebra Credits - 5 (or higher)

Term 4 Total: 14

Term 5

- AGR 200 - Pre-Employment Seminar Credits - 1
- AGR 280 - Cooperative Work Experience Credits - 1-8 (2 credits needed)
- CSS 240 - Pest Management Credits - 4
- Human Relations Elective Credits - 3
- WR 065 - Introduction to Technical Writing Credits - 3 (or higher)

Term 5 Total: 13

Term 6

- HORT 111 - Alternative Crop Production Credits - 3
- AGR 280 - Cooperative Work Experience Credits - 1-8 (2 credits needed)
- RNG 241 - Range Management Credits - 3
- AGR 296 - Production Problems Credits - 4
- AGR 221 - Agriculture Marketing Credits - 3

Term 6 Total: 15

Total Credits: 96

AGRICULTURE PRODUCTION LIVESTOCK OPTION (AAS)

Career Pathways:

Agriculture, Food and Natural Resources Systems

Intended Program Outcomes:

This two-year program leading to an A.A.S. degree in agriculture production: livestock, will prepare the student concerned with the raising of an agriculture livestock commodity by providing the necessary knowledge in the following areas:

- Industry-related employment skills
- Animal science (techniques, issues, technology, trends)
- Crop science (techniques, issues, technology, trends)
- Agriculture-related business practices
- Agricultural operations (safety, mechanical technology)

The curriculum includes a balanced selection of courses in the areas of crops, livestock, mechanics and business. Students wishing to specialize in a particular area should consult their advisor to develop an academic plan. The following schedule is illustrative only; an individual student's schedule may be different.

Program Curriculum

Term 1

- AGM 131 - Agriculture Safety Credits - 3
- AGM 240 - Tractors Credits - 2
- AGR 101 - Agriculture Orientation Credits - 1
- AGR 111 - Agriculture Computers Credits - 3
- ANS 201 - Introduction to Equine Science Credits - 3
- ANS 216 - Pregnancy Testing/Bovine Credits - 1
- HORT 100 - Plant Science Credits - 3

Term 1 Total: 16

Term 2

- AGM 140 - Agriculture Engines Credits - 3
- AGM 221 - Metals and Welding Credits - 3
- ANS 121 - Animal Science Credits - 4
- ANS 220 - Beef Production Credits - 4
- CSS 100 - Soils and Fertilizers Credits - 3

Term 2 Total: 17

Term 3

- AGM 241 - Agriculture Machinery Credits - 3
- ANS 122 - Animal Science Credits - 3
- ANS 217 - Artificial Insemination Credits - 3
- ANS 261 - Introduction to Meat Science Credits- 2
- CSS 201 - Principles of Crop Science Credits - 3
- HE 252 - First Aid Credits - 3

Term 3 Total: 17

Term 4

- AGR 226 - Agriculture Issues Credits - 3
- ANS 231 - Livestock Evaluation Credits - 3
- CSS 210 - Forage Crops Credits - 3
- MTH 062 - Quantitative Literacy I Credits - 4 (or higher)

Term 4 Total: 13

Term 5

- AGR 200 - Pre-Employment Seminar Credits - 1
- AGR 211 - Agriculture Business Management Credits - 3
- ANS 211 - Animal Nutrition Credits - 4
- COM 100Z - Introduction to Communication Credits - 4
- WR 065 - Introduction to Technical Writing Credits - 3 (or higher)

Term 5 Total: 15

Term 6

- AGR 280 - Cooperative Work Experience Credits - 1-8 (4 credits needed)
- AGR 296 - Production Problems Credits - 4
- ANS 240 - Animal Health Credits - 5
- RNG 241 - Range Management Credits - 3

Term 6 Total: 16

Total Credits: 94

PRECISION AGRICULTURE (AAS)

Career Pathways:

Agriculture, Food, and Natural Resources |

Business and Management |

Industrial and Engineering Systems |

Intended Program Outcomes:

This two-year program leading to an A.A.S. degree in Precision Agriculture will prepare the student for a career in precision agriculture by providing the following skills:

- Industry-related employment skills (communication, computer technology)
- Irrigation (crops, precision technology, design, maintenance, management)
- Precision agriculture (technology, data collection, data analysis, recommendations)
- Crop science (techniques, issues, pest management, trends)
- Agriculture-related business practices (management, ethics)
- Agricultural operations (safety, mechanical technology)

The curriculum includes a balanced selection of courses in the areas of crops, soils, equipment and mechanics, precision agriculture, and drones. The following schedule is illustrative only; an individual student's schedule may be different.

Program Curriculum

Term 1

- AGM 131 - Agriculture Safety Credits - 3
- AGR 111 - Agriculture Computers Credits - 3
- CSS 100 - Soils and Fertilizers Credits - 3
- CSS 109 - Introduction to Precision Agriculture Credits - 2
- WR 065 - Introduction to Technical Writing Credits - 3 (or higher)

Term 1 Total: 14

Term 2

- ET 114 - Introduction to Geographic Information Systems Credits - 4
- HORT 100 - Plant Science Credits - 3
- AGR 280 - Cooperative Work Experience Credits - 1-8 (1 credit)
- AGM 221 - Metals and Welding Credits - 3
- MTH 062 - Quantitative Literacy I Credits - 4 (or higher)

Term 2 Total: 15

Term 3

- AGM 241 - Agriculture Machinery Credits - 3
- HORT 111 - Alternative Crop Production Credits - 3
- AGR 280 - Cooperative Work Experience Credits - 1-8 (5 credits)
- UAS 110 - Introduction to Unmanned Aerial Systems Credits - 4
- CSS 201 - Principles of Crop Science Credits - 3

Term 3 Total: 18

Term 4

- CSS 220 - Geospatial Data Collection Credits - 5
- AGM 240 - Tractors Credits - 2
- DSL 191 - Electrical Systems I Credits - 4
- UAS 211 - UAS Sensor and Communication Systems II Credits - 5

Term 4 Total: 16

Term 5

- AGR 200 - Pre-Employment Seminar Credits - 1
- AGM 250 - Irrigation Systems Design Credits - 3
- DSL 192 - Electrical Systems II Credits - 4
- CSS 221 - Agricultural Spatial Analysis Credits - 4
- CSS 240 - Pest Management Credits - 4

Term 5 Total: 16

Term 6

- AGM 251 - Irrigation Systems Credits - 3
- AGR 290 - Independent Project Credits - 2
- BA 277 - Business Ethics Credits - 4
- COM 100Z - Introduction to Communication Credits - 4

Term 6 Total: 13

Total Credits: 92

AGRICULTURE PRODUCTION CROPS: PEST MANAGEMENT (CPCC)

Total Credits: 43

Career Pathways:

Agriculture, Food and Natural Resources Systems

Intended Program Outcomes:

This less than one-year certificate program in agriculture production-crops: pest management will prepare the student for all aspects of pest management including the proper handling and application of related materials by providing the necessary knowledge in the following areas:

- Industry-related employment skills
- Crop science (techniques, issues, technology, trends)
- Agriculture-related business practices
- Agricultural operations (safety, mechanical technology)

Title IV- Not eligible for Federal aid

Program Curriculum

Term 1

- AGM 131 - Agriculture Safety Credits - 3
- AGR 101 - Agriculture Orientation Credits - 1
- AGR 111 - Agriculture Computers Credits - 3
- AGR 226 - Agriculture Issues Credits - 3
- HORT 100 - Plant Science Credits - 3
- MTH 070 - Elementary Algebra Credits - 5 (or higher)

Term 1 Total: 18

Term 2

- AGM 221 - Metals and Welding Credits - 3
- AGR 200 - Pre-Employment Seminar Credits - 1
- AGR 280 - Cooperative Work Experience Credits - 1-8 (2 credits needed)
- CSS 100 - Soils and Fertilizers Credits - 3
- CSS 240 - Pest Management Credits - 4

Term 2 Total: 13

Term 3

- AGM 241 - Agriculture Machinery Credits - 3
- AGM 251 - Irrigation Systems Credits - 3
- CSS 201 - Principles of Crop Science Credits - 3
- RNG 241 - Range Management Credits - 3

Term 3 Total: 12

AGRICULTURE PRODUCTION LIVESTOCK: BEEF PRODUCTION (CPCC)

Total Credits: 41

Career Pathways:

Agriculture, Food and Natural Resources Systems

Intended Program Outcomes:

This less than one-year certificate program in agriculture/production-livestock: beef production will prepare the student for all aspects of beef production by providing the necessary knowledge in the following areas:

- Industry-related employment skills
- Animal science (techniques, issues, technology, trends)
- Agriculture-related business practices
- Agricultural operations (safety, mechanical technology)

Title IV- Not eligible for Federal aid

Program Curriculum

Term 1

- AGR 101 - Agriculture Orientation Credits - 1
- AGR 111 - Agriculture Computers Credits - 3
- AGR 280 - Cooperative Work Experience Credits - 1-8 (2 credits needed)
- ANS 216 - Pregnancy Testing/Bovine Credits - 1
- ANS 231 - Livestock Evaluation Credits - 3
- CSS 210 - Forage Crops Credits - 3

Term 1 Total: 13

Term 2

- AGR 280 - Cooperative Work Experience Credits - 1-8 (2 credits needed)
- ANS 121 - Animal Science Credits - 4
- ANS 211 - Animal Nutrition Credits - 4
- ANS 220 - Beef Production Credits - 4

Term 2 Total: 14

Term 3

- ANS 122 - Animal Science Credits - 3
- ANS 217 - Artificial Insemination Credits - 3
- ANS 240 - Animal Health Credits - 5
- RNG 241 - Range Management Credits - 3

Term 3 Total: 14

Apprenticeship

CONSTRUCTION TRADES GENERAL APPRENTICESHIP (SAAS)

Career Pathways:

Industrial and Engineering Systems

(Limited-Entry Program-Journeyman's Card Required)

Intended Program Outcomes:

- Complete a minimum of 6000-8000 hours State of Oregon-approved on-the-job training (OJT)
- Repair, install and maintain a variety of building construction projects using trade specific tools and techniques in compliance with building codes and OSHA regulations
- Seventy-five percent of applicants have documented trade-specific skills listed on the Construction Trades, General Apprenticeship Outcomes Assessment Tool
- Complete required related training with a grade C or better

6000-8000-Hr BOLI-ATD Trades: Asbestos Removal, Carpenter, HVAC/R, Interior/Exterior Finisher, Painter, Pile Driver, Plumber, Scaffold Erector, and Sheet Metal.

Program Curriculum

- COM 100Z - Introduction to Communication Credits - 4
- MTH 070 - Elementary Algebra Credits - 5
- WR 060 - Elements of the Essay Credits - 4 (or higher)
- Plumbing Apprentice List Credits - 48
- Journey Credit for Prior Certification Credits - 20
- Human Relations Electives Credits - 6
- CS 120 - Concepts of Computing Credits - 4
- OR
- BA 131 - Introduction to Business Computing Credits - 4

Total Credits: 91

ELECTRICIAN APPRENTICESHIP TECHNOLOGIES (SAAS)

Career Pathways:

Industrial and Engineering Systems

(Limited-Entry Program-Journeyman's Card Required)

Intended Program Outcomes (6000-8000 hours):

- Complete 6000-8000 hours State of Oregon-approved on-the-job-training. Apply theory to electrical wiring
- Repair & install electrical wire devises according to licensure regulations to meet NEC and OSC for inside electrician, limited energy technician-license A, limited manufacturing plant electrician, sign assembler/fabricator, sign maker/erector, and stationary engineer
- Seventy-five percent of applicants have documented trade-specific skills listed on the Electrician Apprenticeship Trades Outcomes Assessment Tool
- Complete all required related-training with a grade of C or better

6000 Hour BOLI-ATD Trades: Limited Energy Technician-license A and Sign Maker/Fabricator.

8000 Hour BOLI-ATD Trades: Inside Electrician, Manufacturing Plant Electrician, Sign Assembler/Fabricator, Sign Maker/Erector, and Stationary Engineer. At least 90 credit hours of course work must be satisfactorily completed in order to receive this degree.

Intended Program Outcomes (4000 hours):

Complete 4000 hours State of Oregon-approved on-the-job training (OJT)

Repair or install electrical wire devices according to limited licensure regulations to meet NEC and OSC code for limited energy technician-license B, limited maintenance electrician, limited renewable energy technician, and limited residential electrician

4000 Hour BOLI-ATD Trades: Limited Energy Technician-license B, Limited Maintenance Electrician, Limited Renewable Energy Technician and Limited Residential Electrician. At least 90 credit hours of course work must be satisfactorily completed in order to receive this degree.

Program Curriculum

- Journey Credit for Prior Certification Credits - 20
- Human Relations Credits - 6
- MTH 070 - Elementary Algebra Credits - 5 (or higher)
- WR 060 - Elements of the Essay Credits - 4 (or higher)
- COM 100Z - Introduction to Communication Credits - 4 (or higher)
- BA 131 - Introduction to Business Computing Credits - 4
- OR
- CS 120 - Concepts of Computing Credits - 4
- LME Path includes 24 LME cr. + 24 electives (no more than 12 CT elec.) Credits - 48
- OR
- Inside Electrician List Credits - 48
- OR
- LMPE List Credits - 48

Total Credits: 91

INDUSTRIAL MECHANICS & MAINTENANCE TECHNOLOGY APPRENTICESHIP (SAAS)

Career Pathways:

Industrial and Engineering Systems

(Limited-Entry Program-Journeyman's Card Required)

Intended Program Outcomes:

- Complete a minimum of 4000 hours State of Oregon approved on-the job training (OJT)
- Repair, install and maintain a variety of industrial equipment using trade specific tools and techniques in compliance with state regulations

4000-Hour BOLI-ATD Trades: Air Frame and Power Plant Technicians, Boiler Operator and Programmable Logic Controller

8000-Hr BOLI-ATD Trades: Boiler/Turbine Operator, Die Cast Mold, Heat and Frost Insulator, Industrial Mobile Mechanic, Instrument Technician, Machinist, Millwright, Motor Winder.

Program Curriculum

- COM 100Z - Introduction to Communication Credits - 4 (or higher)
- MTH 070 - Elementary Algebra Credits - 5 (or higher)
- WR 060 - Elements of the Essay Credits - 4 (or higher)
- Journey Credit for Prior Certification Credits - 20
- Human Relations Credits - 6
- CS 120 - Concepts of Computing Credits - 4

OR

- BA 131 - Introduction to Business Computing Credits - 4
- Industrial Maintenance Mechanic Credits - 48

OR

- PLC Path includes 24 PLC cr. + 24 electives (no more than 12 CT elec.) Credits - 48

Total Credits: 91

CONSTRUCTION TRADES GENERAL APPRENTICESHIP (SCC)

Career Pathways:

Industrial and Engineering Systems

(Limited-Entry Program-Journeyman's Card Required)

Intended Program Outcomes:

- Complete a minimum of 6000 to 8000 hours State of Oregon-approved on-the-job training (OJT)
- Repair, install, and maintain a variety of building construction projects using trade specific tools and techniques compliance with building codes and OSHA regulations
- Seventy-five percent of applicants have documented trade-specific skills listed on the Construction Trades, General Apprenticeship Outcomes Assessment Tool
- Complete required related training with a grade C or better

6000-8000-Hr BOLI-ATD Trades: Asbestos Removal, Carpenter, HVAC/R, Interior/ Exterior Finisher, Painter, Pile Driver, Plumber, Scaffold Erector, and Sheet Metal.

Title IV- Not eligible for Federal aid

Program Curriculum

- Human Relations Elective Credits - 3
- Plumbing Apprentice List Credits - 48
- WR 060 - Elements of the Essay Credits - 4 (or higher)

OR

- COM 100Z - Introduction to Communication Credits - 4 (or higher)
- MTH 070 - Elementary Algebra Credits - 5
- (or higher)

OR

- BA 131 - Introduction to Business Computing Credits - 4

OR

- CS 120 - Concepts of Computing Credits - 4

Total Credits: 60

CONSTRUCTION TRADES, GENERAL APPRENTICESHIP - TRADE WORKER APPRENTICESHIP TECHNOLOGIES (SCPC)

Career Pathways:

Industrial and Engineering Systems

Intended Program Outcomes:

- Complete a minimum of 6000-8000 hours State of Oregon-approved on-the-Job Training (JOT).
- Repair, install, and maintain a variety of building construction projects using trade specific tools and techniques in compliance with building codes and OSHA regulations

Title IV- Not eligible for Federal aid

Program Curriculum

Term 1

- APR 110A - Plumbing Apprenticeship Fundamentals Credits - 4
- APR 110B - Plumbing Apprenticeship Math and Basic Installation Credits - 4
- APR 110C - Plumbing Apprenticeship Print Reading Credits - 4
- APR 110D - Plumbing Apprenticeship Basic Installation Credits - 4
- APR 110E - Plumbing Apprenticeship Occupancy Credits - 4
- APR 110F - Plumbing Apprenticeship Advanced Waste System Credits - 4

Total Credits: 24

ELECTRICIAN APPRENTICESHIP TECHNOLOGIES - ELECTRICIAN APPRENTICESHIP TECHNOLOGIES (SCC)

Career Pathways:

Industrial and Engineering Systems

(Limited-Entry Program-Journeyman's Card Required)

Intended Program Outcomes:

- Complete a minimum of 6000 to 8000 hours State of Oregon-approved on-the-job training (OJT)
- Repair, install, and maintain a variety of building construction projects using trade specific tools and techniques in compliance with building codes and OSHA regulations
- Seventy-five per cent of applicants have documented trade-specific skills listed on the Construction Trades, General Apprenticeship Outcomes Assessment Tool
- Complete required related training with a grade C or better

6000 Hour BOLI-ATD Trades: Limited Energy Technician-license A and Sign Maker/Fabricator.

8000 Hour BOLI-ATD Trades: Inside Electrician, Manufacturing Plant Electrician, Sign Assembler/Fabricator, Sign Maker/Erector and Stationary Engineer.

Title IV- Not eligible for Federal aid

Program Curriculum

- Human Relations Course Credits - 3
- Inside Electrician Courses Credits - 48
- OR
- LMPE List Credits - 48
- CS 120 - Concepts of Computing Credits - 4

  OR

- BA 131 - Introduction to Business Computing Credits - 4

  OR

- MTH 070 - Elementary Algebra Credits - 5 (or higher)
- WR060 - Elements of the Essay Credits - 4 (or higher)

  OR

- COM 100Z - Introduction to Communication Credits - 4 (or higher)

Total Credits: 60

ELECTRICIAN APPRENTICESHIP TECHNOLOGIES - LIMITED ELECTRICIAN APPRENTICESHIP TECHNOLOGIES (SCC)

Career Pathways:

Industrial and Engineering Systems

(Limited-Entry Program-Journeyman's Card Required)

Intended Program Outcomes:

- Complete 4000 hours State of Oregon-approved on-the-job-training (OJT)
- Repair or install electrical wire devices according to limited licensure regulations to meet NEC and OSC code for limited energy technician-license B, limited maintenance electrician, limited renewable energy technician, and limited residential electrician

4000 Hour BOLI-ATD Trades: Limited Energy Technician-license B, Limited Maintenance Electrician, Limited Renewable Energy Technician, and Limited Residential Electrician.

Title IV- Not eligible for Federal aid

Program Curriculum

- APR 115A - LME Apprenticeship Fundamentals Credits - 4
- APR 115B - LME Apprenticeship AC/DC Circuits Credits - 4
- APR 115C - LME Apprenticeship Blueprint Reading Credits - 4
- APR 215D - LME Apprenticeship Safety and Code Credits - 4
- APR 215E - LMPE Apprenticeship Motors and Controls Credits - 4
- APR 215F - LME Apprenticeship Code and Test Prep Credits - 4

Total Credits: 24

ELECTRICIAN APPRENTICESHIP TECHNOLOGIES - TRADE WORKER APPRENTICESHIP TECHNOLOGIES (SCPC)

Career Pathways:

Industrial and Engineering Systems

Intended Program Outcomes:

- Complete 6000-8000 hours State of Oregon-approved on-the-job-training. Apply theory to electrical wiring
- Repair & install electrical wire devises according to licensure regulations to meet NEC and OSC for Inside Electrician, Limited Energy Technician-License A, Limited Manufacturing Plant Electrician, Sign Assembler/Fabricator, Sign Maker/Erector, and Stationary Engineer

Title IV- Not eligible for Federal aid

Program Curriculum

- APR 112A - Inside Electrical Apprenticeship Fundamentals Credits - 4
- APR 112B - Inside Electrician Apprenticeship AC/DC Circuits Credits - 4
- APR 112C - Inside Electrical Apprenticeship Measurement Credits - 4
- APR 112D - Inside Electrical Apprenticeship Theory Credits - 4
- APR 112E - Inside Electrical Apprenticeship Wiring and Print Reading Credits - 4
- APR 112F - Inside Electrician Apprenticeship Installation Credits - 4

OR

- APR 111A - LMPE Apprenticeship Fundamentals Credits - 4
- APR 111B - LMPE Apprenticeship AC/DC Circuits Credits - 4
- APR 111C - LMPE Apprenticeship Measurement Credits - 4
- APR 111D - LMPE Apprenticeship Theory Credits - 4
- APR 111E - LMPE Apprenticeship Wiring and Print Reading Credits - 4
- APR 111F - LMPE Apprenticeship Installation Credits - 4

Total Credits: 24

INDUSTRIAL MECHANICS & MAINTENANCE TECHNOLOGY APPRENTICESHIP (SCC)

Career Pathways:

Industrial and Engineering Systems

(Limited-Entry Program-Journeyman's Card Required)

Intended Program Outcomes:

- Complete a minimum of 4000 hours State of Oregon approved on-the job training (OJT)
- Repair, install and maintain a variety of industrial equipment using trade specific tools and techniques in compliance with state regulations
- Seventy-five percent of applicants have documented trade-specific skills listed on the Industrial Mechanics and Maintenance Technology Apprenticeship Trades Outcomes Assessment Tool
- Complete required related training with a grade C or better

4000-Hour BOLI-ATD Trades: Air Frame and Power Plant Technician, Boiler Operator and Programmable Logic Controller

Title IV- Not eligible for Federal aid

Program Curriculum

- Industrial Maintenance Mechanic Credits - 48
- Human Relations Credits - 3
- COM 100Z - Introduction to Communication Credits - 4 (or higher)

  OR

- WR 060 - Elements of the Essay Credits - 4 (or higher)
- MTH 070 - Elementary Algebra Credits - 5 (or higher)

  OR

- BA 131 - Introduction to Business Computing Credits - 4

  OR

- CS 120 - Concepts of Computing Credits - 4

Total Credits: 60

INDUSTRIAL MECHANICS & MAINTENANCE TECHNOLOGY APPRENTICESHIP - MECHANICAL MAINTENANCE APPRENTICESHIP (SCC)

Career Pathways:

Industrial and Engineering Systems

(Limited-Entry Program-Journeyman's Card Required)

Intended Program Outcomes:

- Complete 4000 hours State of Oregon-approved on-the-job-training (OJT)
- Repair or install electrical wire devices according to limited licensure regulations to meet NEC and OSC code for limited energy technician-license B, limited maintenance electrician, limited renewable energy technician, and limited residential electrician

4000 Hour BOLI-ATD Trades: Limited Energy Technician-license B, Limited Maintenance Electrician, Limited Renewable Energy Technician, and Limited Residential Electrician.

Title IV- Not eligible for Federal aid

Program Curriculum

- APR 114A - PLC Apprenticeship Hardware/Number Systems Credits - 4
- APR 114B - PLC Apprenticeship Programming Fundamentals Credits - 4
- APR 114C - PLC Apprenticeship Timers, Counters, Controls Credits - 4
- APR 214D - PLC Apprenticeship Operation Credits - 4
- APR 214E - PLC Apprenticeship Troubleshooting Credits - 4
- APR 214F - PLC Apprenticeship Practical Applications Credits - 4

Total Credits: 24

INDUSTRIAL MECHANICS & MAINTENANCE TECHNOLOGY APPRENTICESHIP - TRADE WORKER APPRENTICESHIP TECH (SCPC)

Career Pathways:

Industrial and Engineering Systems

(Limited-Entry Program-Journeyman's Card Required)

Intended Program Outcomes:

- Complete a minimum of 8000 hours State of Oregon approved on-the Job Training (OJT)
- Repair, install, and maintain a variety of industrial equipment using trade specific tools and techniques in compliance with state regulations

Title IV- Not eligible for Federal aid

Program Curriculum

- APR 117A - IMM Apprenticeship Reading Blueprints and Schematics Credits - 3
- APR 117B - IMM Apprenticeship Industrial Math/Measurement Credits - 3
- APR 117C - IMM Apprenticeship Metals in the Plant Credits - 1
- APR 117D - IMM Apprenticeship Nonmetals in the Plant Credits - 1
- APR 117E - IMM Apprenticeship Hand Tools Credits - 1
- APR 117F - IMM Apprenticeship Portable Power Tools Credits - 1
- APR 117G - IMM Apprenticeship Industrial Safety and Health Credits - 1
- APR 117H - IMM Apprenticeship Troubleshooting Skills Credits - 1
- APR 117I - IMM App. Industrial Rigging Principles and Practices Credits - 1
- APR 117J - IMM Apprenticeship Equipment Installation Credits - 1
- APR 117K - IMM Apprenticeship Basic Mechanics Credits - 1
- APR 117L - IMM Apprenticeship Lubricants and Lubrication Credits - 1
- APR 117M - IMM Apprenticeship Power Transmission Equipment Credits - 1
- APR 117N - IMM Apprenticeship Bearings Credits - 1
- APR 117O - IMM Apprenticeship Pumps Credits - 1
- APR 117P - IMM Apprenticeship Piping Systems Credits - 1
- APR 117Q - IMM Apprenticeship Basic Hydraulics Credits - 1
- APR 117R - IMM Apprenticeship Hydraulic Troubleshooting Credits - 1
- APR 117S - IMM Apprenticeship Basic Pneumatics Credits - 1
- APR 117T - IMM Apprenticeship Pneumatic Troubleshooting Credits - 1
- APR 117U - IMM Apprenticeship Chemical Hazards Credits - 1
- APR 117V - IMM Apprenticeship Bulk Handling Conveyors Credits - 1

Total Credits: 26

Business Administration

BUSINESS ADMINISTRATION (AAS)

Career Pathways:

Business and Management

Intended Program Outcomes:

This two-year A.A.S. degree program will prepare the student to either transfer to an Oregon University System institution on a course-by-course basis or to be effective in the workplace in the following areas:

- Establish and promote a collaborative work environment where all voices are heard and valued as they contribute to shared goal
- Work within the ethical, legal, and regulatory parameters of the industry
- Calculate, compile and analyze financial records to make practical business decisions
- Attract, screen, hire, train, and supervise personnel
- Select and integrate appropriate current and emerging technologies to support business functions
- Use verbal, non-verbal and written communication skills effectively in the business context
- Interact effectively with clients and customers
- Use critical thinking skills to solve business problems
- Exhibit work behaviors that maximize opportunity for continued employment, increased responsibilities and business success
- Lead a work unit in a direction that aligns with stated organizational vision, mission and values.

Program Curriculum

Term 1

- BA 101 - Introduction to Business Credits - 4
- BA 131 - Introduction to Business Computing Credits - 4
- BT 116 - Professional Procedures Credits - 4
- BT 121 - Document Processing I Credits - 4
- LD 130 - Building a Team Credits - 1

Term 1 Total: 16

Term 2

- BA 104 - Business Mathematics Credits - 4

  OR

- MTH 095 - Intermediate Algebra Credits - 5 (or higher)
- BT 140 - Business Document Editing Credits - 3

  OR

- BA 177 - Payroll Accounting Credits - 4
- HTM 131 - Customer Service Management I Credits - 3
- LD 215 - Emotional Intelligence Credits - 2

Term 2 Total: 12

Term 3

- BA 110 - Database/MS Access Credits - 3
- BA 224 - Human Resources Management Credits - 3
- BA 249 - Retail Selling Credits - 3

  OR

- BT 206 - Desktop Publishing Credits - 3
- LD 225 - Social Intelligence Credits - 2
- WR 121Z - English Composition I Credits - 4

  OR

- WR 227Z - Technical Writing Credits - 4

Term 3 Total: 15

Term 4

- BA 211 - Principles of Accounting Credits - 4
- BA 214 - Business Communications Credits - 4
- BA 226 - Business Law Credits - 4
- COM 111Z - Public Speaking Credits - 4
- LD 133 - Workplace Culture Credits - 1

Term 4 Total: 17

Term 5

- BA 223 - Principles of Marketing Credits - 4
- BA 230 - Spreadsheets/MS Excel Credits - 4
- BA 280 - Cooperative Work Experience Credits - 1-8 (3 credits needed)
- BA 284 - Pre-Employment Seminar Credits - 2
- BT 201 - Word Processing/MS Word Credits - 3

Term 5 Total: 16

Term 6

- BA 206 - Principles of Management Credits - 4
- BA 209 - Accounting Applications/QuickBooks Credits - 3
- BT 290 - Project Management Credits - 3

  OR

- BA 213 - Principles of Accounting Credits - 4
- BA 277 - Business Ethics Credits - 4
- BA 285 - Human Relations in Business Credits - 3

Term 6 Total: 17

Total Credits: 93

BUSINESS ADMINISTRATION (AST)

Career Pathways:

Associate of Science Transfer - Business (AST-Bus)

Students earning an AST-Bus degree from Blue Mountain Community College (BMCC) must successfully complete the following requirements along with additional requirements of the AST-Bus degree:

Credits Required: 93 Credits include only those that meet the requirements of this degree.

Residency Requirement: Students must successfully complete a minimum of 24 quarter hours at BMCC. Eighteen (18) of these credits must apply to this degree. Non-traditional credit, credit transferred from another institution, or challenge credit cannot be used to meet the 24 quarter credit hour or 18 quarter credit hour requirement.

Minimum Grade: All courses must be completed with a grade of “C” or better.

Foundational Requirements

Writing

- WR 121Z - English Composition I Credits - 4
- WR 227Z - Technical Writing Credits - 4

Information literacy will be included in the writing requirement.

Oral Communications

- COM 111Z - Public Speaking Credits - 4

Mathematics

- STAT 243Z - Elementary Statistics I Credits - 4
- another Math class for which MTH095 is a prerequisite

Computer Applications

- BA 131 - Introduction to Business Computing Credits - 4
- BA 230 - Spreadsheets/MS Excel Credits - 4

Discipline Studies

Arts and Letters

- COM 115 - Intercultural Communication Credits - 4
- and one non-communication course chosen from Arts & Letters (Humanities) .

COM 115 meets the cultural literacy requirement.

Social Sciences

- EC 201 - Principles of Microeconomic Theory with Applications Credits - 4
- EC 202 - Principles of Macroeconomic Theory with Applications Credits - 4

Lab Sciences

- Three Lab Science courses from at least two disciplines.

Cultural Literacy

- COM 115 - Intercultural Communication Credits - 4

Business Courses

- BA 101 - Introduction to Business Credits - 4
- BA 131 - Introduction to Business Computing Credits - 4
- BA 206 - Principles of Management Credits - 4
- BA 211 - Principles of Accounting Credits - 4
- BA 213 - Principles of Accounting Credits - 4
- BA 214 - Business Communications Credits - 4
- BA 223 - Principles of Marketing Credits - 4
- BA 226 - Business Law Credits - 4
- BA 230 - Spreadsheets/MS Excel Credits - 4
- BA 277 - Business Ethics Credits - 4

Electives

Any college-level course 100 level or higher that would bring total credits to 93 credits.

- Career and Technical Courses
- General Electives

Note: Maximum Number of Credits for Prior Learning (CPL): 22 credits of CPL may be applied to the degree.

BUSINESS ADMINISTRATION: ACCOUNTING TECHNICIAN (CC)

Career Pathways:

Business and Management

Intended Program Outcomes:

This one-year program leading to a certificate in accounting offers students the opportunity to develop a foundational understanding of accounting principles with an emphasis in applying that understanding to bookkeeping tasks. Learning experiences in this program are designed to assist the student in realizing the following outcomes:

- Use current computer technologies, especially spreadsheet and accounting software, to perform the duties within an accounting department
- Balance and reconcile financial information to ensure the accuracy of information
- Use reconciliation processes when working with data to identify and correct errors
- Prepare professional financial statements and other reporting documents
- Model effective customer-service interactions
- Ability to effectively seek and respond to accounting-related opportunities for increased responsibilities and professional advancement
- Understand various business functions as they contribute to the success of an organization

Employment possibilities include bookkeeper, accounting clerk, and payroll clerk. Jobs are available in business, industry, government agencies, service industries, and banks.

Program Curriculum

Term 1

- BA 101 - Introduction to Business Credits - 4
- BA 131 - Introduction to Business Computing Credits - 4
- BA 211 - Principles of Accounting Credits - 4

Term 1 Total: 12

Term 2

- BA 104 - Business Mathematics Credits - 4

  OR

- MTH 095 - Intermediate Algebra Credits - 5 (or higher)
- BA 230 - Spreadsheets/MS Excel Credits - 4
- BA 284 - Pre-Employment Seminar Credits - 2
- WR 121Z - English Composition I Credits - 4

  OR

- WR 227Z - Technical Writing Credits - 4

Term 2 Total: 14

Term 3

- BA 209 - Accounting Applications/QuickBooks Credits - 3
- BA 213 - Principles of Accounting Credits - 4
- BA 285 - Human Relations in Business Credits - 3
- COM 111Z - Public Speaking Credits - 4

Term 3 Total: 14

Total Credits: 40

BUSINESS ADMINISTRATION: BUSINESS OPERATIONS SUPPORT SPECIALIST (CPCC)

Career Pathways:

Business and Management

Intended Program Outcomes:

This program leads to a career pathways certificate of completion in business operations support specialist offering students the opportunity to develop entry-level office skills. Learning experiences in this program are designed to assist the student in realizing the following outcomes:

- Understand various functions in the business environment
- Maintain complete and accurate business records
- Assist with performing various business functions and solve problems in a business environment
- Perform various basic math calculations required in an office/business environment
- Develop awareness for ethical and/or human relation standards in the workplace
- Produce clear, concise, and mechanically-correct written documents
- Use verbal, non-verbal, and written communication skills effectively in the business context
- Meet or exceed the current speed and accuracy requirements for document processing
- Use appropriate technology (word processing, spreadsheet, database and presentation software) in the office/business environment

Title IV- Not eligible for Federal aid

Program Curriculum

Term 1

- BA 101 - Introduction to Business Credits - 4
- BA 131 - Introduction to Business Computing Credits - 4
- BA 211 - Principles of Accounting Credits - 4
- BT 121 - Document Processing I Credits - 4

Term 1 Total: 16

Term 2

- BA 104 - Business Mathematics Credits - 4

  OR

- MTH 095 - Intermediate Algebra Credits - 5 (or higher)
- BA 230 - Spreadsheets/MS Excel Credits - 4

Term 2 Total: 8

Term 3

- COM 111Z - Public Speaking Credits - 4
- WR 121Z - English Composition I Credits - 4

  OR

- WR 227Z - Technical Writing Credits - 4

Term 3 Total: 8

Total Credits: 32

BUSINESS ADMINISTRATION: OFFICE ASSISTANT (CC)

Career Pathways:

Business and Management

Intended Program Outcomes:

This one-year certificate program is designed to provide specialized training and skills for work as an office assistant. Emphasis is placed on the study of general office skills, including practical experience on current equipment and software. The coursework lays the foundation for a two-year A.A.S. degree program for those students who want to continue their education. Students will be effective in the workplace in the following areas:

- Use current and emerging word-processing technologies to produce documents
- Meet or exceed the current speed and accuracy requirements for typing and 10-key operation in the industry
- Model effective customer service interactions
- Perform the general office procedures of filing, equipment operation, mail distribution, phone calls, and tasks requiring basic math calculations

Program Curriculum

Term 1

- BA 131 - Introduction to Business Computing Credits - 4
- BT 116 - Professional Procedures Credits - 4
- BT 121 - Document Processing I Credits - 4
- LD 130 - Building a Team Credits - 1 (or Leadership Electives Credits - 1)
- WR 121Z - English Composition I Credits - 4

  OR

- WR 227Z - Technical Writing Credits - 4

Term 1 Total: 17

Term 2

- BA 101 - Introduction to Business Credits - 4
- BA 230 - Spreadsheets/MS Excel Credits - 4
- BT 140 - Business Document Editing Credits - 3
- BT 201 - Word Processing/MS Word Credits - 3

  OR

- BT 206 - Desktop Publishing Credits - 3
- BA 104 - Business Mathematics Credits - 4

  OR

- MTH 095 - Intermediate Algebra Credits - 5 (or higher)

Term 2 Total: 18

Term 3

- BA 285 - Human Relations in Business Credits - 3
- COM 111Z - Public Speaking Credits - 4

Term 3 Total: 7

Total Credits: 42

BUSINESS ADMINISTRATION: WORKPLACE READINESS (CPCC)

This program provides the requisite knowledge, skills, and abilities required to succeed in the workplace. Topics include introduction to the industry, computer literacy, communication, teamwork, enthusiasm and attitude, problem solving, critical thinking, and professionalism.

This Workforce Readiness program provides the requisite knowledge, skills, and abilities required to succeed in the workplace. Topics include introduction to the industry, computer literacy, communication, teamwork, enthusiasm and attitude, problem solving, critical thinking, and professionalism.

Upon completion of this certificate, students will be able to:

- Discuss the role of business in society, the primary functions within a business, and external forces that affect business activities.
- Create, format, and modify Microsoft Office materials to complete common business tasks.
- Understand the importance of matching team values and individual values in order to motivate both a team and an individual.
- Identify ways to build better relationships and behave appropriately in social situations.
- Assess workplace skills such as attitude, ethics, conflict style, and communication style, and learn how to be effective within the work environment.
- Relate personal values to career objectives and develop a framework for making ethical decisions.

Title IV- Not eligible for Federal aid

Program Curriculum

Term 1

- BA 101 - Introduction to Business Credits - 4
- LD 130 - Building a Team Credits - 1
- LD 133 - Workplace Culture Credits - 1

Term 1 Total: 6

Term 2

- BA 131 - Introduction to Business Computing Credits - 4
- LD 215 - Emotional Intelligence Credits - 2

Term 2 Total: 6

Term 3

- BA 277 - Business Ethics Credits - 4
- LD 225 - Social Intelligence Credits - 2

Term 3 Total: 6

Total Credits: 18

Business Administration: Entrepreneurship (CC)

(awaiting State approval)

Data Center Technician

DATA CENTER TECHNICIAN (CC)

Career Pathways:

Arts Communication & Information

(Limited-Entry Program)

Intended Program Outcomes:

Today's data centers contain tens of thousands or even hundreds of thousands of computer servers linked by powerful networks. A data center technician installs, maintains, and repairs a data center's computer and network systems. Students completing this one-year certificate are fully prepared for employment in this rapidly-growing industry.

Students entering this program will start summer term and end winter term. Computer science (CS) coursework take prior to summer 2015 will not count toward this degree. Transfer credit is subject to department approval. All courses must be completed with a grade of C or better.

Program Curriculum

Term 1

- COM 100Z - Introduction to Communication Credits - 4
- CS 109 - Academic Planning for Data Center Tech Credits - 1
- CS 145 - Introduction to PC Hardware and Software Credits - 5
- CS 179A - Introduction to Networking I Credits - 2
- CS 180 - Computer Science Practicum Credits - 1-5 (4 credits needed)

Term 1 Total: 16

Term 2

- CS 140L - Introduction to Linux Administration I Credits - 3
- CS 179B - Introduction to Networking II Credits - 3
- CS 180 - Computer Science Practicum Credits - 1-5 (5 credits needed)
- CS 279 - Network Management II Credits - 5

Term 2 Total: 16

Term 3

- CS 240L - Introduction to Linux Systems Administration Credits - 3
- CS 280 - Cooperative Work Experience Credits - 1-8 (8 credits needed)
- CS 282 - Computer Science Colloquium Credits - 3

Term 3 Total: 14

Total Credits:46

Diesel Technology

DIESEL TECHNICIAN (AAS)

Career Pathways:

Industrial and Engineering Systems

Intended Program Outcomes:

This two-year A.A.S. degree will prepare graduates with the necessary skills and knowledge to enter the diesel technology field with the following capabilities:

- Service, diagnose and repair diesel engines
- Service and repair suspension and steering
- Service and replace brakes
- Diagnose and repair electrical/electronic systems
- Safe shop practices
- Written and oral communication skills in dealing with customer service and report writing
- Ability to use math in problem solving
- Ability to effectively use the computer to find information, create documents and send correspondence
- Understand and service basic hydraulic systems
- Ability to perform basic arc and oxy-acetylene welding

This program is designed to prepare graduates to meet job entry requirements for a variety of jobs in the field. The curriculum provides classroom work and practical experience in the lab. In addition to the heavy truck focus, this program offers training in agricultural and heavy equipment. Diesel and welding required courses must be completed with a C or better. Students must begin this program Fall term.

Program Curriculum

Term 1

- BT 120 - Computer Keyboarding Credits - 2 (or higher)
- DSL 141 - Heavy Duty Steering and Suspension Credits - 4
- DSL 181 - Shop Practices Credits - 3
- DSL 191 - Electrical Systems I Credits - 4
- WLD 111 - Basic Gas and Arc Welding Credits - 3

Term 1 Total: 16

Term 2

- DSL 152 - Manual Drive Trains I Credits - 3
- DSL 161 - Diesel Engines Credits - 4
- DSL 192 - Electrical Systems II Credits - 4
- MTH 042 - Technical Mathematics Credits - 4 (or higher)

Term 2 Total: 15

Term 3

- DSL 151 - Heavy Duty Brakes I Credits - 3
- DSL 153 - Manual Drive Trains II Credits - 3
- DSL 162 - Engine Repair I Credits - 4
- DSL 193 - Electrical Systems III Credits - 4
- BA 131 - Introduction to Business Computing Credits - 4

  OR

- CS 120 - Concepts of Computing Credits - 4

Term 3 Total: 18

Term 4

- DSL 184 - Fluid Mechanics Credits - 4
- DSL 251 - Heavy Duty Brakes II Credits - 3
- DSL 262 - Engine Repair II Credits - 4
- WR 065 - Introduction to Technical Writing Credits - 3 (or higher)

Term 4 Total: 14

Term 5

- COM 100Z - Introduction to Communication Credits - 4
- DSL 175 - Heavy Duty Equipment Credits - 3
- DSL 196 - Electronic Diagnostics and Engine Emissions Credits - 3
- DSL 263 - Advanced Engine Technology Credits - 4
- DSL 280 - Cooperative Work Experience Credits - 1-8 (3 credits needed)

Term 5 Total: 17

Term 6

- DSL 176 - Mobile Air-Conditioning and Heating Credits - 3
- DSL 200 - Pre-Employment Seminar Credits - 1
- DSL 275 - Heavy Duty Equipment II Credits - 3
- DSL 280 - Cooperative Work Experience Credits - 1-8 (3 credits needed)
- Human Relations Elective Credits - 3

Term 6 Total: 13

Total Credits: 93

DIESEL TECHNICIAN: DIESEL TECHNICIAN'S ASSISTANT (CPCC)

Career Pathways:

Industrial and Engineering Systems

Intended Program Outcomes:

- Learn to explain and demonstrate safe and efficient shop practices; types and use of personal protective equipment, and proper use of shop tools and equipment. Complete forklift training and obtain certificate
- Learn basic electrical theory, principles of electrical circuitry, component construction and operation, and the use of a digital multi-meter
- Diagnose and repair steering and suspension systems, and perform steering, suspension, and chassis alignment
- Understand the design, construction, and operation of the oil fueled, compression ignition engine
- Understand the principles of operation of power train components and application of clutches, drive shafts, manual transmissions, and differential drive axles
- Understand the principles of operation of compressed air systems and air brake components. Study electric, hydraulic, and mechanical braking system operation
- Practice the use of oxyacetylene and AC/DC electric welding equipment to develop skills in brazing, welding, and cutting of various types of material
- Develop basic typing and keyboarding skills

Title IV- Not eligible for Federal aid

Program Curriculum

- BT 120 - Computer Keyboarding Credits - 2 (or higher)
- DSL 141 - Heavy Duty Steering and Suspension Credits - 4
- DSL 151 - Heavy Duty Brakes I Credits - 3
- DSL 152 - Manual Drive Trains I Credits - 3
- DSL 161 - Diesel Engines Credits - 4
- DSL 181 - Shop Practices Credits - 3
- DSL 191 - Electrical Systems I Credits - 4
- WLD 111 - Basic Gas and Arc Welding Credits - 3

Total Credits: 26

Early Childhood Education

EARLY CHILDHOOD EDUCATION (AAS)

Career Pathways:

Human Resources

Intended Program Outcomes:

This two-year A.A.S. degree program in early childhood education (ECE) will prepare students to work with young children from birth through eight years of age using research-based practices in a variety of settings including child care centers, family child care settings, preschools, Head Start programs, school age programs, special education, and home visiting and parent education programs. This program will prepare students with the requisite knowledge and skills in the following areas:

- Demonstrate knowledge of child development in a socio-cultural context
- Practice ethical and legal standards, as well as professional attitudes and behavior(moved outcome up to match Bloom's order)
- Apply developmentally appropriate practices (DAP) to meet the needs of diverse populations
- Apply best practices
- Apply observation and assessment to learning and development

This degree is based on the Guidelines for Preparation of Early Childhood Professionals from the National Association for the Education of Young Children (NAEYC), which qualifies the student to become, among other professional roles, a lead teacher in a child care facility licensed by the Oregon Office of Child Care, a teacher in a Head Start program, and a home visitor in the human services field. Some courses in the program may not transfer to other institutions. Students intending to transfer must seek advisor assistance prior to and throughout their BMCC educational experience.

Term 1

- ECE 100 - Developmentally Appropriate Practice in Early Childhood Ed Credits - 3
- ECE 101 - Family and Community Relations Credits - 3
- ECE 109 - Foundations and Careers in Early Childhood Credits - 3
- ECE 111 - Introduction to ECE Environments Credits - 3
- WR 115 - Introduction to College Writing Credits - 4

Term 1 Total: 16

Term 2

- ECE 152 - Creativity for Young Children Credits - 3

OR

- ECE 153 - Music and Movement Credits - 3
- ECE 225 - Prenatal, Infant and Toddler Development Credits - 3
- ECE 230 - Mathematics and the Young Child Credits - 3
- MTH 062 - Quantitative Literacy I Credits - 4 (or higher)
- Career & Technical (CTE) Electives Credits - 4

OR

- AAOT Electives Credits - 4

Term 2 Total: 17

Term 3

- COM 100Z - Introduction to Communication Credits - 4
- ECE 150 - Observation/Assessment and Recording Credits - 3
- ECE 151 - Guidance and Classroom Management Credits - 3
- ECE 175A - Infant/Toddler Caregiving: Social Emotional Growth Credits - 1
- ECE 175B - Infant/Toddler Caregiving: Group Care Credits - 1
- ECE 280 - Cooperative Work Experience Credits - 1-8 (1 credit needed)
- Social Science Elective Credits - 4

Term 3 Total: 17

Term 4

- ECE 130 - Anti-Bias and Multicultural Curriculum 3
- ECE 154 - Literature and Literacy Credits - 3
- ECE 175C - Infant/Toddler Caregiving: Learning and Development Credits - 1
- ECE 175D - Infant/Toddler Caregiving: Culture, Family and Provider Credits - 1
- Social Science Elective Credits - 4

Term 4 Total: 12

Term 5

- ECE 226 - Child Development Credits - 3
- ECE 240 - Curriculum/Planning Credits - 3
- ECE 249 - Inclusion of Children with Special Needs Credits - 3

- ECE 280 - Cooperative Work Experience Credits - 1-8 (2 credits needed)
- ECE 295 - Child Care Administration Credits - 3

Term 5 Total: 14

Term 6

- ECE 220 - Science and Nature with Young Children Credits - 3
- ECE 228 - Responsive Infant Toddler Programs Credits - 3
- ECE 245 - Challenging Behavior in Young Children Credits - 3
- ECE 250 - Supporting Literacy and Language Learning for Dual Language Learners Credits - 3
- Career and Technical Courses Credits - 4

  OR

- General Electives Credits - 4

Term 6 Total: 16

Total Credits: 92

Note:

The student is required to complete a criminal history check prior to enrollment in ECE 280 - Cooperative Work Experience (CWE).

Early Childhood Education (AAOT) Degree available in accordance to an Articulation Agreement with Eastern Oregon University. Please see Director of Early Childhood Education if you are interested in this degree.

EARLY CHILDHOOD EDUCATION (CC)

Career Pathways:

Human Resources

Intended Program Outcomes:

Demonstrate knowledge of child development in a socio-cultural context

- Apply developmentally appropriate practices (DAP) to meet the needs of diverse populations
- Apply best practices in group management to optimize the potential for learning and social-emotional development
- Practice ethical and legal standards, as well as professional attitudes and behavior
- Apply best practices, observation, and assessment to enhance learning and development.

Term 1

- ECE 100 - Developmentally Appropriate Practice in Early Childhood Ed Credits - 3
- ECE 101 - Family and Community Relations Credits - 3
- ECE 109 - Foundations and Careers in Early Childhood Credits - 3
- ECE 111 - Introduction to ECE Environments Credits - 3
- ECE 154 - Literature and Literacy Credits - 3

Term 1 Total: 15

Term 2

- ECE 152 - Creativity for Young Children Credits - 3

  OR

- ECE 153 - Music and Movement Credits - 3
- ECE 226 - Child Development Credits - 3
- ECE 240 - Curriculum/Planning Credits - 3
- ECE 249 - Inclusion of Children with Special Needs Credits - 3
- WR 115 - Introduction to College Writing Credits - 4 (or higher)

Term 2 Total: 16

Term 3

- ECE 150 - Observation/Assessment and Recording Credits - 3

- ECE 151 - Guidance and Classroom Management Credits - 3
- ECE 280 - Cooperative Work Experience Credits - 1-8 (2 credits needed)
- MTH 062 - Quantitative Literacy I Credits - 4 (or higher)
- Social Science Elective Credits - 4

Term 3 Total: 16

Total Credits: 47

EARLY CHILDHOOD EDUCATION ASSISTANT (CPCC)

Career Pathways:

Human Resources

Intended Program Outcomes:

Demonstrate knowledge of child development in a socio-cultural context

- Apply developmentally appropriate practices (DAP) to meet the needs of diverse populations
- Apply best practices in group management to optimize the potential for learning and social-emotional development
- Practice ethical and legal standards, as well as professional attitudes and behavior
- Apply best practices, observation, and assessment to enhance learning and development.

Title IV- Not eligible for Federal aid

Program Curriculum

- ECE 100 - Developmentally Appropriate Practice in Early Childhood Ed Credits - 3
- ECE 151 - Guidance and Classroom Management Credits - 3
- ECE 152 - Creativity for Young Children Credits - 3

OR

- ECE 101 - Family and Community Relations Credits - 3
- ECE 226 - Child Development Credits - 3

OR

- ECE 249 - Inclusion of Children with Special Needs Credits - 3
- ECE 280 - Cooperative Work Experience Credits - 1-8 (3 credits needed)

Total Credits: 15

EARLY CHILDHOOD EDUCATION DEVELOPMENTALLY APPROPRIATE EARLY LEARNING ENVIRONMENTS (DAELE) (CPCC)

Career Pathways:

Early Childhood Education

Intended Program Outcomes:

This career pathway Certificate of Completion is designed to support students seeking careers in Early Learning Settings.

- Support early learning in applying primary theories implemented in early childhood development and education.
- Apply assessment and observation tools to discern children's behavior, demonstration of understanding, and to inform classroom practices such as curricular, environmental and socioeconomic considerations.
- Demonstrate knowledge of curricular models and positive guidance strategies which support young children's learning and development.
- Build developmentally appropriate curriculum and classroom resources, based on knowledge of children's developmental needs across domains, including cognitive, physical, social and emotional.

Title IV- Not eligible for Federal aid

Term 1

- ECE 101 - Family and Community Relations Credits - 3
- ECE 109 - Foundations and Careers in Early Childhood Credits - 3
- ECE 111 - Introduction to ECE Environments Credits - 3

Term 1 Total: 9

Term 2

- ECE 295 - Child Care Administration Credits - 3
- Early Childhood Education CPCC Electives Credits - 3

Term 2 Total: 6

Term 3

- ECE 150 - Observation/Assessment and Recording Credits - 3
- Early Childhood Education CPCC Electives Credits - 3

Term 3 Total: 6

Total Credits: 21

EARLY CHILDHOOD INFANT TODDLER CERTIFICATE (CC)

Career Pathways:

Human Resources

Intended Program Outcomes:

Have an understanding of, and ability to, work within a quality, responsive, relationship-based infant toddler program including culturally relevant activities, to meet each child's individual developmental needs and to be able to create a healthy, respectful, supportive and challenging learning environment. (NAEYC Standard 1)

- Have an understanding of, and ability to, create and participate in respectful, reflective, reciprocal relationships with family members of infants and toddlers. (NAEYC Standard 2)
- Have an understanding of and skills to participate in effective observation and assessment of infants and toddlers. (NAEYC Standard 3)
- Be able to integrate knowledge of family relations, child development and developmentally appropriate practices to offer an effective infant toddler teaching and learning environment. (NAEYC Standard 4)

Title IV- Not eligible for Federal aid

Term 1

ECE 100 - Developmentally Appropriate Practice in Early Childhood Ed Credits - 3

ECE 109 - Foundations and Careers in Early Childhood Credits - 3

ECE 175C - Infant/Toddler Caregiving: Learning and Development Credits - 1

ECE 175D - Infant/Toddler Caregiving: Culture, Family and Provider Credits - 1

Term 1 Total: 8

Term 2

ECE 225 - Prenatal, Infant and Toddler Development Credits - 3

ECE 280 - Cooperative Work Experience Credits - 1-8 (2 credits required)

Term 2 Total: 5

Term 3

ECE 175A - Infant/Toddler Caregiving: Social Emotional Growth Credits - 1

ECE 175B - Infant/Toddler Caregiving: Group Care Credits - 1

ECE 228 - Responsive Infant Toddler Programs Credits - 3

Term 3 Total: 5

Total Credits: 18

ELEMENTARY EDUCATION (AAOT)

Associate of Arts Oregon Transfer Degree (AAOT)- Elementary Education Elementary/Middle School Education

The AAOT-Elementary Education degree is designed for those interested in pursuing a career in elementary education. This two year degree prepares students to transfer to an undergraduate teaching program at a four-year university. Required courses will explore topics related to student learning, teaching strategies, and requirements to become a professional educator for an enriching career in education. The Director of Education works closely with students to completion and to transfer seamlessly to a university of their choosing to ensure an efficient pathway to potential licensure.

GROW YOUR OWN: A program for students who want to remain local to Eastern Oregon and teach within our own schools. Earn an AAOT-Elementary ED degree in two years from BMCC and transfer seamlessly to EOU to complete the last two years.

Program Curriculum

Term 1

- ED 101 - Introduction to Education Seminar and Practicum Credits - 4
- GEOG 120 - World/Regional Geography Credits - 4
- WR 121Z - English Composition I Credits - 4

Term 1 Total: 12

Term 2

- COM 111Z - Public Speaking Credits - 4
- ED 258 - Culturally Responsive Teaching and Learning in the Classroom Credits - 4
- PSY 201 - General Psychology Credits - 4
- WR 122Z - English Composition II Credits - 4

Term 2 Total: 16

Term 3

- ART 115, ART 116, OR ART 117 - Basic Design Credits - 4
- OR
- ART 131, ART 132, OR ART 133 - Beginning Drawing Credits - 4
- ED 169 - Overview of Students with Special Needs Credits - 4
- HPE 295 - Health and Fitness for Life Credits - 3
- HST 201, HST 202, OR HST 203 - History of the United States Credits - 4

Term 3 Total: 15

Term 4

- ED 216 - Foundations of Education Credits - 4
- ENG 104, ENG 105, OR ENG 106 Introduction to Literature Credits - 4
- Lab Science (Earth Science) Credits - 4
- MTH 211 - Foundations of Elementary Mathematics Credits - 4

Term 4 Total: 16

Term 5

- Arts & Letters (Humanities) - Credits - 4
- General Electives Credits - 4 (ED 280 recommended)
- Lab Science (Biological Science) Credits - 4
- MTH 212 - Foundations of Elementary Mathematics Credits - 4

Term 5 Total: 16

Term 6

- ED 253 - Learning Across the Lifespan Credits - 4
- Lab Science Credits - 4
- MTH 213 - Foundations of Elementary Mathematics Credits - 4
- PS 201 - American Government and Politics Credits - 4

Term 6 Total: 16

Total Credits: 91

Emergency Services

FIRE SCIENCE TECHNOLOGY (AAS)

Career Pathways:

Health Services

(Limited-Entry Program)

Intended Program Outcomes:

This two-year program leading to an A.A.S. degree in Fire Science Technology prepares the student to be effective as a firefighter on an firefighting team in a number of different settings. Learning experiences in this program are designed to assist the student in realizing the following outcomes:

- Firefighting knowledge and skills, including general knowledge of emergency services,
- Demonstrated application of firefighting safety and practices,
- Ability to perform the duties of emergency medical technician,
- Skilled communication (writing, presentation techniques),
- Proficiency in fire behaviors,
- Demonstrated professional skills (problem solving, interpersonal skills, business computing, proposal development),
- Knowledge of fire prevention and crisis intervention,
- Knowledge and skills of apparatus operation,
- Fire and emergency administration and investigation.

Students desiring to transfer to four-year science degree are encouraged to see an advisor for appropriate coursework.

Program Curriculum

Term 1

- FS 110A - Fire Fighter Skills Academy part A Credits - 3
- EMT 151 - Emergency Medical Technician Part A Credits - 6
- ES 175 - Introduction to Emergency Services Credits - 4
- BA 131 - Introduction to Business Computing Credits - 4

  OR

- CS 120 - Concepts of Computing Credits - 4

Term 1 Total: 17

Term 2

- EMT 152 - Emergency Medical Technician Part B Credits - 6
- EMT 176 - Emergency Response Patient Transportation Credits - 2
- FS 110B - Fire Fighter Skills Academy part B Credits - 3
- WR 227Z - Technical Writing Credits - 4
- Social Science Credits - 4

  OR

- Arts & Letters (Humanities) Credits - 4

Term 2 Total: 19

Term 3

- EMT 115 - Crisis Intervention Credits - 3
- ES 169 - Emergency Service Rescue Credits - 3
- FS 112 - Firefighter II Skills Academy Credits - 4
- FS 121 - Fire Behavior & Combustion Credits - 3
- FS 123 - Hazardous Materials - Awareness/Operation Credits - 2
- FS 130 - Wildland Firefighter Credits - 2

Term 3 Total: 17

Term 4

- COM 111Z - Public Speaking Credits - 4
- FS 122 - Fundamentals of Fire Prevention Credits - 3
- FS 137 - Fire Protection Systems Credits - 3
- FS 170 - Intro to Fire Tactics & Strategies Credits - 3

Term 4 Total: 13

Term 5

- FS 166 - Building Construction for Fire Prevention Credits - 3
- FS 169 - Apparatus Operator/Driver Credits - 4
- FS 212 - Fire Investigation Credits - 3
- FS 280 - Cooperative Work Experience Credits - 1-8 (3 credits needed)
- MTH 070 - Elementary Algebra Credits - 5 (or higher)

Term 5 Total: 18

Term 6

- FS 214 - Principles of Fire & Emergency Services Safety & Survival Credits - 3
- FS 240 - Emergency Services Instructor I Credits - 3

- FS 274 - Intro to Fire & Emergency Administration Credits - 3
- FS 280 - Cooperative Work Experience Credits - 1-8 (3 credits needed)

Term 6 Total: 12

Total Credits: 96

EMERGENCY MEDICAL TECHNICIAN (EMT) (CC)

Career Pathways:

Health Services

(Limited-Entry Program)

Intended Program Outcomes:

This one-year program leading to an Emergency Medical Technician certificate offers students the opportunity to prepare for careers in emergency medical services. Learning experiences in this program are designed to assist the student in realizing the following outcomes:

- Assess and treat patients using protocols within the Oregon defined scope of practice in emergency medical situations.
- Use verbal and non-verbal skills to communicate with patients, families, bystanders and other medical professionals.
- Accurately observe and document patient care data using a variety of tools and techniques including providing written and verbal patient reports.
- Properly and safely lift and move patients in a variety of medical and rescue situations.
- Exhibit respectful, responsive personal behaviors in your personal as well as professional EMS life.
- Perform all care in a professional and ethical manner recognizing cultural diversity.
- Work in an organized manner and provide leadership during stressful and life threatening situation.

Employment Opportunities:

Career opportunities that may require EMT training including but are not limited to: firefighter (career or volunteer), paramedic, search and rescue, critical care transport or basic life support transport provider. The EMT certificate can lead to a career as a paramedic if a student wishes to continue their studies and completes the requirements or an A.A.S.-EMT (Associate of Applied Science - EMT) degree at an accredited institution.

Program Curriculum

Term 1

- BI 231 - Human Anatomy and Physiology Credits - 4
- COM 111Z - Public Speaking Credits - 4
- EMT 151 - Emergency Medical Technician Part A Credits - 6
- ES 175 - Introduction to Emergency Services Credits - 4
- MTH 070 - Elementary Algebra Credits - 5 (or higher)

Term 1 Total: 22

Term 2

- BI 232 - Human Anatomy and Physiology Credits - 4
- EMT 152 - Emergency Medical Technician Part B Credits - 6
- EMT 176 - Emergency Response Patient Transportation Credits - 2
- WR 121Z - English Composition I Credits - 4 (or higher)

Term 2 Total: 17

Term 3

- BI 233 - Human Anatomy and Physiology Credits - 4
- BT 251 - Medical Terminology Credits - 3
- ES 169 - Emergency Service Rescue Credits - 3
- EMT 115 - Crisis Intervention Credits - 3
- PSY 201 - General Psychology Credits - 4
- Social Science Credits - 3

  OR

- Arts & Letters (Humanities) Credits - 3

Term 3 Total: 20

Total Credits: 59

*** To complete this certificate you will need A & P, which has a PRE-REQ of BI 112 . Don’t save all this until your last term*** for more information Contact: EMS Coordinator 541-278-5786 or Fire Science Coordinator 541-278-5799

INDUSTRIAL SYSTEMS TECHNOLOGY (AAS)

Career Pathways:

Industrial and Engineering Systems

Intended Program Outcomes:

Students who successfully complete the Associate of Applied Science in Industrial Systems program will have demonstrated the ability to:

- Troubleshoot, maintain, and repair industrial systems (mechanical, fluid, etc.)
- Analyze technical data
- Promote energy efficiency and industrial sustainability
- Contribute to a positive professional workplace culture

All classes are non-sequential. Students may begin any term. Classes must be completed with a grade of C or better.

Note: Program updates approved 8/13/2020, Catalog updated 10/23/2020.

Program Curriculum

Term 1

- IST 109 - Introduction to Industrial Systems Technology Credits - 2
- IST 121 - Mechanical Drive Systems Credits - 3
- IST 141 - Electrical Fundamentals for Non-Electricians Credits - 3
- IST 147 - Programmable Logic Controllers I Credits - 3
- IST 157 - Preventative Maintenance Management Credits - 3

Term 1 Total: 14

Term 2

- DRF 110 - Print Reading For Welders Credits - 2
- IST 125 - Bearing and Lubrication Systems Credits - 3
- IST 247 - Programmable Logic Controllers II Credits - 3
- MTH 062 - Quantitative Literacy I Credits - 4 (or higher)
- WLD 111 - Basic Gas and Arc Welding Credits – 3

OR

- AGM 221 - Metals and Welding Credits - 3

Term 2 Total: 15

Term 3

- COM 100Z - Introduction to Communication Credits - 4 (or higher)
- DRF 111 - Industrial Print Reading Credits - 2
- IST 131 - Industrial Safety Credits - 3
- IST 165 - Industrial Pneumatic Systems Credits - 3
- IST 248 - Programmable Logic Controllers III Credits- 3

Term 3 Total: 15

Term 4

- BA 284 - Pre-Employment Seminar Credits - 2
- DRF 112 - Computer Aided Drafting Credits - 3
- IST 162 - Industrial Hydraulic Systems Credits - 3
- IST Electives Credits - 3
- BA 131 - Introduction to Business Computing Credits - 4

OR

- CS 120 - Concepts of Computing Credits - 4

Term 4 Total: 15

Term 5

- IST 112 - Rigging and Lifting Credits - 3
- IST 145 - Electric Motor and Controls Troubleshooting Credits - 3
- IST 151 - Industrial Shop Practices Credits - 3
- IST 221 - Pumps and Valves Credits - 3
- WR 060 - Elements of the Essay Credits - 4 (or higher)

Term 5 Total: 16

Term 6

- IST 261 - Automated Material Handling Credits - 3
- IST 267 - Process Control and Instrumentation Credits - 3
- IST 271 - Capstone Project I Credits - 3
- PHY 101 - Essentials of Physics Credits - 4
- IST Electives Credits - 3

Term 6 Total: 16

Total Credits: 91

ASSOCIATE OF SCIENCE OREGON TRANSFER/COMPUTER SCIENCE (ASOT/CS)

Associate of Science Oregon Transfer/Computer Science (ASPT/CS.) degree will prepare students to transfer to an Oregon public university. Computer Science (CS) is the study of programs, data, computing machinery, and how these interact. Majors in computer science are offered at EOU, OSU, OIT, PSU, SOU, UO, and WOU in Oregon. Be aware that the core CS curriculum and major options vary at the above-listed schools. Consult with a BMCC faculty adviser before beginning your first term at BMCC as a CS transfer major.

The ASOT/CS is awarded to students who meet the following:

- Associate Degree Comprehensive Requirements
- Associate of Science Oregon Transfer/ Computer Science Degree Requirements:

A total of 90 credits are required for this degree. All courses must be passed with a grade of “C” or better. Students must have a minimum cumulative GPA of 2.0 at the time the ASOT/CS is awarded.

Foundational Requirements:

Courses must be a minimum of 3 credits (except for Health/Wellness courses, which may be any number of credits)

Writing:

A student must have at least 8 credits of Writing; WR123 may be used to complete the 8 credits.

- WR 121Z - English Composition I Credits - 4
- WR 122Z - English Composition II Credits - 4

OR

- WR 227Z - Technical Writing Credits - 4

Oral Communication:

- COM 111Z - Public Speaking Credits - 4

Math:

- MTH 251 - Calculus Credits - 4
- MTH 252 - Calculus Credits - 4

Health/Wellness:

One or more courses totaling at least three credits from Health/Wellness .

Discipline Studies:

(courses must be at least 3 credits)

Arts and Letters:

Complete at least 3 courses chosen from at least two disciplines in this Arts & Letters (Humanities) .

Social Science:

Complete at least 4 courses chosen from at least two disciplines in Social Science .

Science/Math/Computer Science:

Complete at least 3 laboratory courses in biological and/or physical science

Cultural Literacy:

Complete at least 1 course from any discipline studies designated as meeting the statewide criteria for Cultural Literacy . This course cannot be one of the 11 required Discipline Studies courses. Course must have been completed in Summer term 2010 or later.

Computer Science:

- CS 160 - Gentle Introduction to Programming Credits - 4
- CS 161 - Computer Science Credits - 4
- CS 162 - Computer Science Credits - 4
- CS 260 - Data Structures Credits - 4

Elective Credit:

Complete 100 or 200 level lower division collegiate courses to meet the overall requirement of 90 credits for this degree. Elective courses may be any number of credits. A maximum of 12 credits of Career and Technical Education courses, as designated by BMCC, may be applied to this degree with the exception of BA 104 and BA 105.

SOFTWARE DEVELOPMENT (CC)

Career Pathways:

Arts Communication & Information

Intended Program Outcomes:

This 12-credit-hour certificate of completion provides a year-long introduction to concepts, tools, and techniques used in software development. Students successfully completing the certificate will have the knowledge to pursue a potential AAS in Computer Science, a Bachelor's in Computer Science, or an internship/apprenticeship at an organization providing on-the-job training in the field.

Title IV- Not eligible for Federal aid

Program Curriculum

Term 1

- CS 160 - Gentle Introduction to Programming Credits - 4

Term 1 Total: 4

Term 2

- CS 161 - Computer Science Credits - 4

Term 2 Total: 4

Term 3

- CS 162 - Computer Science Credits - 4

Term 3 Total: 4

Total Credits: 12

Medical Assisting

MEDICAL ASSISTING (CC)

Intended Program Outcomes:

The Medical Assisting program prepares students for a career as a Medical Assistant. Courses will combine cognitive learning and practice of psychomotor skills in classroom and laboratory settings. Clinical training through externships in local outpatient clinics and physician offices will allow students to observe and practice skills gained in the classroom and laboratory in actual healthcare settings. Medical Assistants are skilled professionals who have specific training to work in a physician's office or a clinic.

- Perform the clinical and clerical skills of an entry-level medical assistant.
- Apply knowledge of MAERB Core Curriculum by completing and passing the core competencies and AAMA certification examination.
- Demonstrate professional and effective therapeutic communication skills with all patients and co-workers.
- Define legal and ethical considerations pertaining to the medical assistant's scope of practice.
- Manage medical records in the physician's office by effectively navigation electronic health record software.

Program Curriculum

Term 1

- BI 112 - Cell Biology for Health Occupations Credits - 4
- BT 251 - Medical Terminology Credits - 3
- BT 256 - Electronic Health Records Credits - 3
- BT 257 - Medical Office Procedures Credits - 4

Term 1 Total: 14

Term 2

- BI 130 - Survey of Anatomy and Physiology Credits- 5
- BT 252 - Medical Terminology Credits - 3
- BT 259 - Medical Billing and Coding Credits - 4
- MTH 062 - Quantitative Literacy I Credits - 4 (or higher)

Term 2 Total: 16

Term 3

- BT 258 - Medical Insurance Procedures and Coding Credits - 3
- COM 100Z - Introduction to Communication Credits - 4
- MA 209 - Medical Assisting Externship Credits - 3
- MA 210 - Fundamentals of Medical Assisting Credits - 6

Term 3 Total: 16

Term 4

- MA 211 - Medical Assisting Practicum Credits - 8

Term 4 Total: 8

Total Credits: 54

Nursing

NURSING (AAS)

Career Pathways:

Health Services

(Limited-Entry Program)

Intended Program Outcomes:

This two-year AAS degree in nursing will prepare the student for eligibility for the national licensing examination and licensure as a registered nurse and to be effective in the workplace in the following areas:

- Base personal and professional actions on a set of shared core nursing values, including social justice, caring, advocacy, protection from harm, respect for self and others, collegiality, and ethical behavior; notice, interpret, respond and reflect on ethical dilemmas using ethical principles and frameworks as a guideline.
- Develop insight through reflection, self-analysis, and self-care.
- Engage in intentional learning, developing self-awareness of learning and effects on client care, seeking new, relevant knowledge and skills.
- Demonstrate leadership in nursing and health care to meet client needs, improve the health care system, and facilitate community problem solving.
- Collaborate as part of a health care team, receiving, using and giving constructive feedback.
- Practice within, utilize, and contribute to the broader health care system.
- Practice relationship-centered care, based on empathy and caring, deep understanding of the care experience, and mutual trust and respect for the autonomy of the client.
- Communicate effectively and therapeutically, with attention to elements of cultural influences, and using appropriate modalities and technologies.
- Make sound clinical judgments through noticing, interpreting and responding, using best available evidence, frameworks and systems to organize data and knowledge; accurately perform skills while maintaining patient and personal safety.
- Locate, evaluate, and use the best available evidence.

Registered nurses (RNs) use their knowledge, skills, and problem-solving abilities to help individuals, families, and groups with health needs. RNs care for and work with people to help them become healthier or to regain health after illness or surgery. Nurses teach health practices to clients and other health care providers and frequently supervise the work of nursing assistants and practical nurses. RNs also administer medications and perform treatments for patients. Nurses work in a variety of settings, including hospitals, long-term care, schools, industry, clinics, and patients' homes.

About the Program

BMCC is a member of the Oregon Consortium for Nursing Education (OCNE) and offers a competency-based curriculum jointly developed by nursing faculties from the OCNE member community colleges and Oregon Health and Science University (OHSU). The core competencies address the need for nurses to be skilled in clinical judgment and critical thinking; evidence-based practice; relationship-centered care; interdisciplinary collaboration; assisting individuals and families in self-care practices for promotion of health and management of chronic and acute illness; end-of-life care; and teaching, delegation, leadership and supervision of caregivers.

Acceptance to the program allows for co-admission to BMCC and OHSU nursing programs. The program may be completed with four years of full-time study, with the first year devoted to prerequisite/preparatory courses required for admission to the limited entry nursing program. The completion of the prerequisite and preparatory courses may take longer than one academic year. Successful completion of the second and third years leads to an Associate of Applied Science (AAS) Nursing degree offered by BMCC. Completion of the AAS degree at BMCC provides the educational eligibility for the National Council Licensure Examination for Registered Nurses (NCLEX-RN). The OCNE curriculum continues for at least three additional terms leading to a Bachelor of Science (BS) degree with a major in Nursing offered by OHSU. See the BMCC Nursing Sample Program of Study at http://www.bluecc.edu/nursing.

As an OCNE partner graduate, students who complete the AAS degree at BMCC can seamlessly transition to the OHSU School of Nursing for the final year of nursing coursework to receive the Bachelor of Science (BS) with a major in nursing degree. There are two delivery options-in person or online. The OHSU RNBS Completion in-person option requires transition within the first year after graduating with an AAS and is available full-time (three terms) on the Portland Campus only. The OHSU RNBS Completion Online option is available to all associate degree graduates and can be completed full-time (three terms) or part-time (6 terms). Information on baccalaureate completion can be found at https://www.ohsu.edu/school-of-nursing/admissions-requirements-and-application-instructions.

The nursing program is fully approved by the Oregon State Board of Nursing.

Entry Requirements

As part of their training, students must begin with the courses within their skill levels as determined by placement test scores. In addition, students may also be required to enroll in classes that would increase their success.

Program admission occurs once per year. The deadline for fall term 2022 admission and submission of program application materials is February 15, 2022, or the first business day thereafter. BI 231, Anatomy and Physiology I, and MTH 95, Intermediate Algebra, must be completed by the end of fall term, 2021. Applicants must complete a minimum of 30 prerequisite credits by the end of fall term, 2021 in order to be eligible to apply for admission to our 2022-2024 program. All prerequisite/preparatory courses must have been taken with a letter grade and completed with a "C" or better. Consortium partner schools use a shared point system and a set of core criteria for evaluation and selection of candidates to the consortium curriculum, but selection processes, acceptance decisions, and admissions occur at individual schools. Application to the nursing program requires a minimum GPA of 3.0 for all completed prerequisite/preparatory courses. Contact the Registrar or see BMCC's nursing program website for information regarding the application and selection process.

If an applicant has taken an equivalent course elsewhere which has a course number, title, or credit hour different from the BMCC course, the applicant must contact BMCC's Registrar's office for a transcript evaluation as far in advance of the application deadline as possible. To be admitted into nursing courses, students must complete all required prerequisite and preparatory courses and be accepted into the nursing program.

Accepted students must comply with Administrative Requirements for Health Profession Student Clinical Training (OAR 409-030-0100 to 409-030-0250) prior to clinical placement. BMCC contracts with American DataBank to manage required documentation. Information is available on the nursing program's website and is provided to students before fall nursing classes begin.

Students should understand that although co-admitted to the OHSU School of Nursing, those who choose to transition from the BMCC Nursing Program to OHSU will have to undergo a criminal background check for OHSU at the time of transition and ability to enroll in OHSU courses may be negatively impacted by any criminal history in their background.

Internet and email access are integral parts of all nursing courses and access to a computer will be required on a daily basis. Nursing students attend classes at the BMCC campus in Pendleton and clinical practical in northeastern Oregon and need reliable transportation.

Graduation Requirements

These requirements apply only to nursing students admitted to the program during the 2022-2023 academic year. The program of study, graduation requirements, and courses are under constant review and are subject to revision. Students contemplating admission in a later year may have different requirements and must obtain the advising guide or catalog for that year. If required courses are graded only on a pass/no pass basis, a grade of "P" for these courses indicates a student earned a "C" or better grade.

Students must complete all courses on this advising guide with a grade of "C" or better to continue in and complete the program, receive their degrees, and meet the educational requirements to apply to take the NCLEX-RN. The OSBN screens all applicants for licensure and may deny licensure to or place on probation applicants with convictions for certain crimes.

Prerequisites/Required Preparatory Courses

- BI 112 - Cell Biology for Health Occupations Credits - 4 1
- BI 231 - Human Anatomy and Physiology Credits - 4 2
- BI 232 - Human Anatomy and Physiology Credits - 4
- BI 233 - Human Anatomy and Physiology Credits - 4
- BI 234 - Microbiology Credits - 4
- MTH 095 - Intermediate Algebra Credits - 5 3 (or higher)
- FN 225 - Nutrition Credits - 4
- PSY 201 - General Psychology Credits - 4 4
- PSY 237 - Human Development Credits - 4
- Social Science Elective Credits - 45
- WR 121Z - English Composition I Credits - 4 6
- WR 122Z - English Composition II Credits - 4

OR

- WR 227Z - Technical Writing Credits - 4

Note:

All prerequisite/preparatory credits to be completed before admission to nursing courses, minimum of: 48

Program Curriculum

First-Year Nursing Course Requirements

Fall Term

- NRS 110 - Foundations of Health Assessment and Health Promotion Credits - 9
- NRS 232 - Pathophysiological Processes I Credits - 3

Total credits-1st Fall Term: 12

Winter Term

- NRS 111 - Foundations of Nursing in Chronic Illness I Credits - 6
- NRS 230 - Clinical Pharmacology I Credits - 3
- NRS 233 - Pathophysiological Processes II Credits - 3

Total credits-1st Winter Term: 12

Spring Term

- NRS 112 - Foundations of Nursing in Acute Care I Credits - 6
- NRS 231 - Clinical Pharmacology II Credits - 3

Total credits-1st Spring Term: 9

Second-Year Nursing Course Requirements

Fall Term

- NRS 221 - Nursing in Chronic Illness II and End of Life Care Credits - 9

Total credits-2nd Fall Term: 9

Winter Term

- NRS 222 - Nursing in Acute Care II and End-of-Life Care Credits - 9

Total credits-2nd Winter Term: 9

Spring Term

- NRS 224 - Integrative Practicum Credits - 9

Total credits-2nd Spring Term: 9

Note:

1A genetics course or genetics module within a course is required. BI 112 is highly recommended. BI 112, or BI 101, or BI 149, or BI 211 meet this requirement.

2 BI 112 is a prerequisite to BI 231, BI 232, and BI 233. The courses within the human anatomy and physiology sequence (BI 231, BI 232, and BI 233) may be taken in any order. Course(s) including cell biology, histology, and chemistry may substitute for BI 112 (BI 211). Enrollment is also possible with an Instructor Override form if you have taken a combination of BI101 + CH104 or higher. BI231 must be completed by the end of fall term 2020 for fall 2021 admission.

3 MTH 95 or higher must be completed by the end of fall term, 2020, for fall 2021 admission. Competency may be demonstrated by a math placement test or by successful completion of Math 95 or other course that leads to statistics. MTH 95, MTH98, MTH105, MTH 111, MTH112 or MTH 243 are acceptable courses. For students demonstrating MTH95 competency through a placement test, student may take 0-5 elective credits (100 or 200 level) if needed to satisfy the 45 credit minimum prerequisite requirements.

4 PSY 201 is a prerequisite to PSY 237.

5 A minimum of nine credits total of social sciences (inclusive of PSY201 and PSY237) are required.

6Writing series must include a research component: WR 121, WR 122, & WR 123 (or WR 227) at 3 credits each, or WR 121, WR 122 (or WR 227) at 4 credits each. If WR 121 and WR 122 at 3 credits each are completed, WR 227 may be taken during the first year in the program to complete the series (completing the series prior to program entry is highly recommended due to scheduling concerns). Completion of a Bachelor's degree at an English-speaking accredited college or university is considered equivalent to completion of the writing series.

Students who plan to transition to OHSU must be aware that to earn the bachelor's degree from OHSU, they must have two years of the same high school-level language, or two terms of college-level language, or pass a language proficiency examination. College-level foreign language (including American Sign Language) credits count toward degree requirements. A minimum of 9 credits of humanities is required for the OHSU degree. Students planning to transition to OHSU must have 132 credits of prerequisite and program required courses by the completion of the AAS degree in order to meet the 180 credit requirement by the completion of the Bachelor's Degree with a major in Nursing from OHSU. Students planning to earn a bachelor's degree are encouraged to complete MTH243 Probability and Statistics soon after the prerequisite math course.

This advising guide is for advising purposes only. Please see current college catalog for additional information on specific college policies and graduation requirements.

It is the policy of the Blue Mountain Community College Board of Education and School District that there will be no discrimination or harassment on the grounds of age, race, gender, marital status, religion, sexual preference, national origin, or disability in any educational programs, activities or employment.

Total Nursing Credits: 60

Total Prerequisite Credits: 48

Total Credits Required for AAS Nursing: 108

Unmanned Aircraft Systems

UNMANNED AIRCRAFT SYSTEMS (AAS)

The Unmanned Aircraft Systems AAS is designed to graduate a professional workforce who operate on par with manned aviation organizations. Students will learn how to operate UAS in a variety of different settings including surveying and mapping, search and rescue (S&R), environmental monitoring, and police surveillance. Advanced skills in mission planning, pre-flight inspections, programming, equipment testing, troubleshooting and maintenance, Beyond Visual Line of Sight (BVLOS), data collection, and analysis, are emphasized.

Program Curriculum

Term 1

- CS 160 - Gentle Introduction to Programming Credits - 4
- DSL 191 - Electrical Systems I Credits - 4
- UAS 101 - Unmanned Aircraft Systems I Credits - 4

Term 1 Total: 12

Term 2

- ET 114 - Introduction to Geographic Information Systems Credits - 4
- MTH 111Z - Precalculus I: Functions Credits - 4
- UAS 111 - Ground Flight Training Credits - 4

Term 2 Total: 12

Term 3

- BA 285 - Human Relations in Business Credits - 3
- MTH 112Z - Precalculus II: Trigonometry Credits - 4
- UAS 112 - UAS Flight Training I Credits - 4
- WR 121Z - English Composition I Credits - 4

Term 3 Total: 15

Term 4

- UAS 113 - UAS Maintenance Credits - 4
- UAS 114 - UAS Sensor and Communication Systems I Credits - 4
- UAS 115 - UAS Flight Training II Credits - 4

Term 4 Total: 12

Term 5

- PHY 201 - General Physics Credits - 5
- UAS 210 - UAS Maintenance II Credits - 4
- UAS 211 - UAS Sensor and Communication Systems II Credits - 5

Term 5 Total: 14

Term 6

- CS 125i - Digital Imaging (Photoshop) Credits - 3
- CS 161 - Computer Science Credits - 4
- LD 215 - Emotional Intelligence Credits - 2
- UAS 280 - CWE: Unmanned Aircraft Systems Variable 1-4 (3 credits)

Term 6 Total: 13

Term 7

- UAS 212 - UAS Flight Training III Credits - 4
- UAS 280 - CWE: Unmanned Aircraft Systems Variable 1-4 (4 credits)
- WR 227Z - Technical Writing Credits - 4

Term 7 Total: 12

Total Credits: 90

Unmanned Aircraft Systems (CC)

(awaiting State approval)

FLIGHT LABS

This new non-credit training certificate is the second step for a student after completing the UAS Professional Pilot NCTC and likewise is offered through a partnership between BMCC and Volatus Group and DelMar Aerospace. Familiarization with multi-rotor and fixed-wing UAS platforms through hands-on supervised live flight operations in active airspace is the focus of the Flight Labs NCTC. Completion of the UAS Professional Pilot NCTC is required prior to registration.

Title IV- Not eligible for Federal aid

Courses

This new non-credit training certificate is the second step for a student after completing the UAS Professional Pilot NCTC and likewise is offered through a partnership between BMCC and Volatus Group and DelMar Aerospace. Familiarization with multi-rotor and fixed-wing UAS platforms through hands-on supervised live flight operations in active airspace is the focus of the Flight Labs NCTC. Completion of the UAS Professional Pilot NCTC is required prior to registration.

- 009 .629 - Flight Labs Credits - 0 Contact Hours - 80

UAS PROFESSIONAL PILOT

Intended Program Outcomes:

Unmanned Aerial Systems (UAS) are being used by many industries to more efficiently collect data and improve operational safety. From herding livestock to aiding law enforcement to inspecting critical infrastructure in the energy industry, UAS are expanding into nearly every major commercial sector. This program is designed to fill the rapidly growing UAS industry with professional UAS workforce personnel who operate on par with manned aviation organizations. Students who have earned this training certificate will gain the necessary knowledge in UAS airframes and aerodynamics, system designs and components, autopilot programming and fundamentals, sensors and payload operations, how to operate in National Airspace for UAS operations, and FAA UAS Regulations. Courses are designed and taught by industry professionals with decades of experience in UAS operations. Curriculum includes both classroom instruction and hands-on experience with Piccolo autopilot software and UAS.

- Monitor, interpret and plan UAS missions around weather
- Understand the principles of aerodynamics and flight
- Proficiency with pre/post-flight operations and in-flight procedures
- Understand Federal Aviation Administration Regulations that apply to Unmanned Aircraft Systems
- Proper procedures for operation within the National Airspace
- Operational knowledge of various Autopilots and user interface across UAS
- Assess the proper sensor for industry requirements

Title IV- Not eligible for Federal aid

Program Curriculum

Term 1

- 009 .620 - UAS History Credits - 0 Contact Hours - 2
- 009 .621 - UAS Weather Credits - 0 Contact Hours - 7
- 009 .622 - UAS Airframes and Aerodynamics Credits - 0 Contact Hours - 4
- 009 .623 - National Airspace for UAS Operations Credits - 0 Contact Hours - 7
- 009 .624 - UAS System Designs and Components Credits - 0 Contact Hours - 7
- 009 .625 - UAS Autopilot Programming and Fundamentals Credits - 0 Contact Hours - 8
- 009 .626 - UAS Sensors and Payload Operations Credits - 0 Contact Hours - 4
- 009 .627 - UAS Simulator Applications and Operations Credits - 0 Contact Hours - 14
- 009 .628 - UAS FFA Regulations Credits - 0 Contact Hours - 7

Term 1 Total: 60 Contact Hours

Total Hours: 60

Veterinary Studies

VETERINARY ASSISTANT (CC)

Career Pathways:

Agriculture, Food and Natural Resources

Intended Program Outcomes:

This one year certificate in Vet Assisting will prepare the student concerned with working in a veterinarian's practice. Skills developed will include:

- Industry-related employment skills
- Customer-Patient relations
- Animal science (care, health, nutrition, overview)
- Food Animal restraint techniques
- Veterinary technology equipment (use, maintenance, sterilization)
- Vet Assistant skills including office, lab and surgery
- General Education skills in computation, communication and science

The Veterinary Assistant is a 1-year certificate program designed for those who want to work in a veterinarian's practice. The curriculum includes 3 courses in veterinary assistant technologies and a cooperative work experience component of 33 hours in the veterinarian's practice. Students will have hands-on instruction in veterinary office procedures, exam room management, animal vitals, care, and restraint.

Program Curriculum

Term 1

- AGR 111 - Agriculture Computers Credits - 3
- BI 101 - General Biology for Non-Majors Credits - 4
- MTH 070 - Elementary Algebra Credits - 5 (or higher)
- VT 109 - Introduction to Veterinary Science Credits - 2

Term 1 Total: 14

Term 2

- ANS 121 - Animal Science Credits - 4
- ANS 211 - Animal Nutrition Credits - 4
- CH 104 - Introductory Chemistry Credits - 5
- VT 110 - Fundamentals of Veterinary Assistant I Credits - 3
- WR 065 - Introduction to Technical Writing Credits - 3

  OR

- WR 227Z - Technical Writing Credits - 4

Term 2 Total: 19

Term 3

- AGR 280 - Cooperative Work Experience Credits - 1-8 (2 credits needed)
- ANS 122 - Animal Science Credits - 3
- ANS 240 - Animal Health Credits - 5
- VT 111 - Fundamentals of Veterinary Assistant II Credits - 3

Term 3 Total: 13

Total Credits: 46

PRE-VETERINARY TECHNICIAN PREPARATION

Career Pathways:

Veterinary Studies

If you enjoy working with animals and people consider following your passions by enrolling in Pre-Veterinary Technology. Begin your studies by completing 26-27 credits with Blue Mountain Community College, then apply for admissions to Colby Community College's Distance Learning Veterinary Technology program, which can be completed entirely online. For information about Colby Community College, see http://www.colbycc.edu/academics/associate-of-applied-science/veterinary-technician/index.html

Intended Program Outcomes:

After completing pre-vet tech course work, the student will:

- Be prepared to apply for admission into Colby Community College Distance Learning Veterinary Technician Program.

Required pre-requisite courses and equivalencies:

Blue Mountain Community College	Colby Community College
ANS 121 Animal Science I (3 credits)	AG149 Animal Science (3 credits)
BI 101 General Biology (4 credits)	BIO1090 Concepts in Biology (4 credits)
BT 251 Medical Terminology (3 credits)	BHS1390 Medical Terminology (2 credits)
CH 104 Introduction to Chemistry (5 credits) or CH 110 Chemistry Foundations (5 credits)	CHM1110 Introductory General Chemistry (4 credits)
COM 111Z Public Speaking (4 credits)	COM2110 Public Speaking (3 credits)
WR 121Z English Composition (4 credits)	COM1110 English Composition (3 credits)

Students must also complete one of the following to fulfill the social/behavioral science elective requirement:

Blue Mountain Community College	Colby Community College
PSY 201 General Psychology (4 credits)	PSY1010 General Psychology (3 credits)
EC 201 Micro Economics (4 credits)	ECN1430 Micro Economics (3 credits)
EC 202 Macro Economics (4 credits)	ECN1410 Macro Economics (3 credits)

Note: AGR 280 Co-op Work Experience Vet Assistant (3 credits) fulfills the pre-requisite of observation work.

For more information please contact Danielle Wallace at dwallace@bluecc.edu or (541) 278-5781.

Welding

WELDING CERTIFICATE (CC)

Career Pathways:

Industrial and Engineering Systems

Intended Program Outcomes:

This 12-credit-hour certificate of completion program is designed to prepare students for entry-level jobs in welding and related trades and to prepare students to pursue a certificate of completion or A.A.S. degree in welding technology from another educational institution. The program consists of the following courses:

Title IV- Not eligible for Federal aid

Program Curriculum

Courses

- AGM 221 - Metals and Welding Credits - 3

  OR

- WLD 111 - Basic Gas and Arc Welding Credits - 3
- WLD 112 - Advanced Arc Welding Credits - 3
- WLD 221 - TIG Welding Credits - 3

  OR

- WLD 256 - Pipe Welding for Certification Credits - 3
- WLD 253 - Welding Practices for Certification Credits - 3

Total Credits: 12

Agriculture

AGM 131 - Agriculture Safety

AGM 140 - Agriculture Engines

AGM 211 - Agriculture Construction and Surveying

AGM 221 - Metals and Welding

AGM 240 - Tractors

AGM 241 - Agriculture Machinery

AGM 250 - Irrigation Systems Design

AGM 251 - Irrigation Systems

AGR 101 - Agriculture Orientation

AGR 111 - Agriculture Computers

AGR 200 - Pre-Employment Seminar

AGR 210 - Agriculture Accounting

AGR 211 - Agriculture Business Management

AGR 221 - Agriculture Marketing

AGR 226 - Agriculture Issues

AGR 280 - Cooperative Work Experience

AGR 290 - Independent Project

AGR 296 - Production Problems

ANS 121 - Animal Science

ANS 122 - Animal Science

ANS 198 - Special Studies

ANS 201 - Introduction to Equine Science

ANS 211 - Animal Nutrition

ANS 212 - Animal Nutrition Recitation

ANS 216 - Pregnancy Testing/Bovine

ANS 217 - Artificial Insemination

ANS 218 - Advanced Artificial Insemination

ANS 220 - Beef Production

ANS 222 - Sheep and Swine Production

ANS 231 - Livestock Evaluation

ANS 232 - Live Meat Animal Evaluation

ANS 233 - Livestock Evaluation/Oral Reasons

ANS 240 - Animal Health

ANS 261 - Introduction to Meat Science

ANS 262 - Introduction to Meat Processing

CSS 100 - Soils and Fertilizers

CSS 109 - Introduction to Precision Agriculture

CSS 122 - Irrigated Crops

CSS 201 - Principles of Crop Science

CSS 210 - Forage Crops

CSS 220 - Geospatial Data Collection

CSS 221 - Agricultural Spatial Analysis

CSS 230 - Precision Irrigation Software

CSS 240 - Pest Management

CSS 241 - Integrated Pest Management

HORT 100 - Plant Science

HORT 111 - Alternative Crop Production

RNG 241 - Range Management

VT 109 - Introduction to Veterinary Science

VT 110 - Fundamentals of Veterinary Assistant I

VT 111 - Fundamentals of Veterinary Assistant II

VT 280 - Cooperative Work Experience

Apprenticeship

APR 110A - Plumbing Apprenticeship Fundamentals

APR 110B - Plumbing Apprenticeship Math and Basic Installation

APR 110C - Plumbing Apprenticeship Print Reading

APR 110D - Plumbing Apprenticeship Basic Installation

APR 110E - Plumbing Apprenticeship Occupancy

APR 110F - Plumbing Apprenticeship Advanced Waste System

APR 111A - LMPE Apprenticeship Fundamentals

APR 111B - LMPE Apprenticeship AC/DC Circuits

APR 111C - LMPE Apprenticeship Measurement

APR 111D - LMPE Apprenticeship Theory

APR 111E - LMPE Apprenticeship Wiring and Print Reading

APR 111F - LMPE Apprenticeship Installation

APR 112A - Inside Electrical Apprenticeship Fundamentals

APR 112B - Inside Electrician Apprenticeship AC/DC Circuits

APR 112C - Inside Electrical Apprenticeship Measurement

APR 112D - Inside Electrical Apprenticeship Theory

APR 112E - Inside Electrical Apprenticeship Wiring and Print Reading

APR 112F - Inside Electrician Apprenticeship Installation

APR 114A - PLC Apprenticeship Hardware/Number Systems

APR 114B - PLC Apprenticeship Programming Fundamentals

APR 114C - PLC Apprenticeship Timers, Counters, Controls

APR 115A - LME Apprenticeship Fundamentals

APR 115B - LME Apprenticeship AC/DC Circuits

APR 115C - LME Apprenticeship Blueprint Reading

APR 117A - IMM Apprenticeship Reading Blueprints and Schematics

APR 117B - IMM Apprenticeship Industrial Math/Measurement

APR 117C - IMM Apprenticeship Metals in the Plant

APR 117D - IMM Apprenticeship Nonmetals in the Plant

APR 117E - IMM Apprenticeship Hand Tools

APR 117F - IMM Apprenticeship Portable Power Tools

APR 117G - IMM Apprenticeship Industrial Safety and Health

APR 117H - IMM Apprenticeship Troubleshooting Skills

APR 117I - IMM App. Industrial Rigging Principles and Practices

APR 117J - IMM Apprenticeship Equipment Installation

APR 117K - IMM Apprenticeship Basic Mechanics

APR 117L - IMM Apprenticeship Lubricants and Lubrication

APR 117M - IMM Apprenticeship Power Transmission Equipment

APR 117N - IMM Apprenticeship Bearings

APR 117O - IMM Apprenticeship Pumps

APR 117P - IMM Apprenticeship Piping Systems

APR 117Q - IMM Apprenticeship Basic Hydraulics

APR 117R - IMM Apprenticeship Hydraulic Troubleshooting

APR 117S - IMM Apprenticeship Basic Pneumatics

APR 117T - IMM Apprenticeship Pneumatic Troubleshooting

APR 117U - IMM Apprenticeship Chemical Hazards

APR 117V - IMM Apprenticeship Bulk Handling Conveyors

APR 210G - Plumbing Apprenticeship Residential Installation

APR 210H - Plumbing Apprenticeship Commercial Installation

APR 210I - Plumbing Apprenticeship Code

APR 210J - Plumbing Apprenticeship Industrial Installation

APR 210K - Plumbing Apprenticeship Basic Waste Water System

APR 210L - Plumbing Apprenticeship Code and Test Preparation

APR 211G - LMPE Apprenticeship Safety and Code

APR 211H - LMPE Apprenticeship Motors and Controls

APR 211I - LMPE Apprenticeship Fiber Optics

APR 211J - LMPE Apprenticeship Math/Test Equipment

APR 211K - LMPE Apprenticeship Voltage

APR 211L - LMPE Apprenticeship Code and Test Prep

APR 212G - Inside Electrical Apprenticeship Safety and Code

APR 212H - Inside Electrical Apprenticeship Motors and Controls

APR 212I - Inside Electrical Apprenticeship Fiber Optics

APR 212J - Inside Electrical Apprenticeship Math/Test Equipment

APR 212K - Inside Electrical Apprenticeship Voltage

APR 212L - Inside Electrical Apprenticeship Code and Test Prep

APR 214D - PLC Apprenticeship Operation

APR 214E - PLC Apprenticeship Troubleshooting

APR 214F - PLC Apprenticeship Practical Applications

APR 215D - LME Apprenticeship Safety and Code

APR 215E - LMPE Apprenticeship Motors and Controls

APR 215F - LME Apprenticeship Code and Test Prep

APR 217A - IMM Apprenticeship Maintenance of Mechanical Drives

APR 217B - IMM Apprenticeship Mechanical and Fluid Drive Systems

APR 217C - IMM Apprenticeship Bearing & Shaft Seal Maintenance

APR 217D - IMM Apprenticeship Pump Installation and Maintenance

APR 217E - IMM Apprenticeship Maintenance Pipe Fitting

APR 217F - IMM Apprenticeship Tubing & Hose System Maintenance

APR 217G - IMM Appr Valve Maintenance & Piping System Protection

APR 217H - IMM Apprenticeship Force and Motion

APR 217I - IMM Apprenticeship Introduction to Robotics

APR 217J - IMM Apprenticeship Welding Principles

APR 217K - IMM Apprenticeship Oxyfuel Operations

APR 217L - IMM Apprenticeship Arc Welding Operations

APR 217M - IMM Apprenticeship Basic Electricity and Electronics

APR 217N - IMM Apprenticeship Electrical Safety and Protection

APR 217O - IMM Apprenticeship How Power Plants Work

APR 217P - IMM Apprenticeship Introduction to Packaging

APR 217Q - IMM Apprenticeship Packaging Machinery

APR 217R - IMM Apprenticeship Casing Machinery

APR 217S - IMM Apprenticeship Programmable Logic Controllers

APR 217T - IMM Apprenticeship Machine Shop Practices

Art

ART 101 - Introduction to Visual Arts

ART 102 - Introduction to Visual Arts

ART 103 - Introduction to Visual Arts

ART 115 - Basic Design

ART 116 - Basic Design

ART 117 - Basic Design

ART 131 - Beginning Drawing

ART 132 - Beginning Drawing

ART 133 - Beginning Drawing

ART 154 - Beginning Ceramic Pottery

ART 184 - Beginning Watercolor

ART 198 - Special Studies

ART 204 - History of Western Art

ART 205 - History of Western Art

ART 261 - Beginning Photography

ART 276 - Beginning Sculpture

ART 281 - Beginning Painting

ART 298 - Special Studies

Business & Leadership

BA 101 - Introduction to Business

BA 104 - Business Mathematics

BA 110 - Database/MS Access

BA 131 - Introduction to Business Computing

BA 177 - Payroll Accounting

BA 198 - Special Studies

BA 206 - Principles of Management

BA 209 - Accounting Applications/QuickBooks

BA 211 - Principles of Accounting

BA 213 - Principles of Accounting

BA 214 - Business Communications

BA 223 - Principles of Marketing

BA 224 - Human Resources Management

BA 226 - Business Law

BA 230 - Spreadsheets/MS Excel

BA 249 - Retail Selling

BA 277 - Business Ethics

BA 280 - Cooperative Work Experience

BA 284 - Pre-Employment Seminar

BA 285 - Human Relations in Business

BA 298 - Special Studies

BT 116 - Professional Procedures

BT 120 - Computer Keyboarding

BT 121 - Document Processing I

BT 140 - Business Document Editing

BT 201 - Word Processing/MS Word

BT 206 - Desktop Publishing

BT 251 - Medical Terminology

BT 252 - Medical Terminology

BT 256 - Electronic Health Records

BT 257 - Medical Office Procedures

BT 258 - Medical Insurance Procedures and Coding

BT 259 - Medical Billing and Coding

BT 290 - Project Management

HTM 131 - Customer Service Management I

LD 130 - Building a Team

LD 133 - Workplace Culture

LD 150 - Cultivating Self-Care

LD 215 - Emotional Intelligence

LD 225 - Social Intelligence

Communication

COM 100Z - Introduction to Communication

COM 111Z - Public Speaking

COM 112 - Small Group Communication

COM 115 - Intercultural Communication

Diesel

DSL 141 - Heavy Duty Steering and Suspension

DSL 151 - Heavy Duty Brakes I

DSL 152 - Manual Drive Trains I

DSL 153 - Manual Drive Trains II

DSL 161 - Diesel Engines

DSL 162 - Engine Repair I

DSL 175 - Heavy Duty Equipment

DSL 176 - Mobile Air-Conditioning and Heating

DSL 181 - Shop Practices

DSL 184 - Fluid Mechanics

DSL 191 - Electrical Systems I

DSL 192 - Electrical Systems II

DSL 193 - Electrical Systems III

DSL 196 - Electronic Diagnostics and Engine Emissions

DSL 200 - Pre-Employment Seminar

DSL 251 - Heavy Duty Brakes II

DSL 262 - Engine Repair II

DSL 263 - Advanced Engine Technology

DSL 275 - Heavy Duty Equipment II

DSL 280 - Cooperative Work Experience

Early Childhood Education

ECE 100 - Developmentally Appropriate Practice in Early Childhood Ed

ECE 101 - Family and Community Relations

ECE 109 - Foundations and Careers in Early Childhood

ECE 111 - Introduction to ECE Environments

ECE 112 - Introduction to Early Childhood Education/Professionalism

ECE 150 - Observation/Assessment and Recording

ECE 151 - Guidance and Classroom Management

ECE 152 - Creativity for Young Children

ECE 153 - Music and Movement

ECE 154 - Literature and Literacy

ECE 175A - Infant/Toddler Caregiving: Social Emotional Growth

ECE 175B - Infant/Toddler Caregiving: Group Care

ECE 175C - Infant/Toddler Caregiving: Learning and Development

ECE 175D - Infant/Toddler Caregiving: Culture, Family and Provider

ECE 198 - Special Studies

ECE 220 - Science and Nature with Young Children

ECE 225 - Prenatal, Infant and Toddler Development

ECE 226 - Child Development

ECE 228 - Responsive Infant Toddler Programs

ECE 230 - Mathematics and the Young Child

ECE 240 - Curriculum/Planning

ECE 245 - Challenging Behavior in Young Children

ECE 249 - Inclusion of Children with Special Needs

ECE 280 - Cooperative Work Experience

ECE 295 - Child Care Administration

ECE 296 - Issues and Trends

Education

ED 101 - Introduction to Education Seminar and Practicum

ED 115 - Introduction to Education: Oregon Teacher Pathway

ED 169 - Overview of Students with Special Needs

ED 216 - Foundations of Education

ED 253 - Learning Across the Lifespan

ED 258 - Culturally Responsive Teaching and Learning in the Classroom

ED 280 - Cooperative Work Experience

ED 298 - Special Studies

EMT/Fire Science

EMT 115 - Crisis Intervention

EMT 151 - Emergency Medical Technician Part A

EMT 152 - Emergency Medical Technician Part B

EMT 176 - Emergency Response Patient Transportation

EMT 177 - Emergency Response Communication//Documentation

ES 169 - Emergency Service Rescue

ES 175 - Introduction to Emergency Services

FS 110A - Fire Fighter Skills Academy part A

FS 110B - Fire Fighter Skills Academy part B

FS 112 - Firefighter II Skills Academy

FS 121 - Fire Behavior & Combustion

FS 122 - Fundamentals of Fire Prevention

FS 123 - Hazardous Materials - Awareness/Operation

FS 130 - Wildland Firefighter

FS 137 - Fire Protection Systems

FS 166 - Building Construction for Fire Prevention

FS 169 - Apparatus Operator/Driver

FS 170 - Intro to Fire Tactics & Strategies

FS 212 - Fire Investigation

FS 214 - Principles of Fire & Emergency Services Safety & Survival

FS 240 - Emergency Services Instructor I

FS 274 - Intro to Fire & Emergency Administration

FS 280 - Cooperative Work Experience

Engineering Technologies

DRF 113 - Advanced Computer Aided Drafting

DRF 243 - Industrial Drafting

ET 114 - Introduction to Geographic Information Systems

English

ENG 104 - Introduction to Literature

ENG 105 - Introduction to Literature

ENG 106 - Introduction to Literature

ENG 107 - World Literature

ENG 108 - World Literature

ENG 109 - World Literature

ENG 198 - Special Studies

ENG 202 - Shakespeare

ENG 204 - Survey of English Literature

ENG 205 - Survey of English Literature

ENG 206 - Survey of English Literature

ENG 240 - Native American Literature

ENG 253 - Survey of American Literature

ENG 254 - Survey of American Literature

ENG 255 - Survey of American Literature

ENG 260 - Introduction to Women Writers

PHL 101 - Introduction to Philosophy

PHL 102 - Introduction to Ethics

PHL 103 - Critical Thinking

WR 060 - Elements of the Essay

WR 065 - Introduction to Technical Writing

WR 099 - Writing Workshop

WR 115 - Introduction to College Writing

WR 121Z - English Composition I

WR 122Z - English Composition II

WR 198 - Special Studies

WR 227Z - Technical Writing

WR 241 - Introduction to Imaginative Writing

WR 242 - Introduction to Imaginative Writing

WR 243 - Introduction to Imaginative Writing

WR 298 - Special Studies

Foreign Languages

SPAN 101 - First Year Spanish

SPAN 102 - First Year Spanish

SPAN 103 - First Year Spanish

SPAN 161 - Conversational Business Spanish I

SPAN 162 - Conversational Business Spanish II

SPAN 201 - Second-Year Spanish

SPAN 202 - Second-Year Spanish

SPAN 203 - Second-Year Spanish

SPAN 211 - Spanish Conversation and Composition

SPAN 212 - Spanish Conversation and Composition

SPAN 213 - Spanish Conversation and Composition

SPAN 218 - Spanish for Heritage Speakers

UMA 101 - First Year Umatilla

Health/Physical Education

FN 225 - Nutrition

HE 115 - Body Composition Assessment

HE 250 - Personal Health

HE 252 - First Aid

HE 298 - Special Studies

HPE 295 - Health and Fitness for Life

PE 131 - Introduction to Physical Education

PE 185 - Physical Education Activity

PE 198 - Special Studies

PE 290 - Lifeguard Training Review

PE 291 - Lifeguard Training

PE 293 - Lifeguard Instructor Training/LGI

Human Development

HD 100 - College Survival and Success

HD 110 - Career Planning

Industrial Systems Technology

DRF 110 - Print Reading For Welders

DRF 111 - Industrial Print Reading

DRF 112 - Computer Aided Drafting

IST 109 - Introduction to Industrial Systems Technology

IST 112 - Rigging and Lifting

IST 121 - Mechanical Drive Systems

IST 125 - Bearing and Lubrication Systems

IST 131 - Industrial Safety

IST 135 - HVAC System Controls

IST 141 - Electrical Fundamentals for Non-Electricians

IST 145 - Electric Motor and Controls Troubleshooting

IST 147 - Programmable Logic Controllers I

IST 151 - Industrial Shop Practices

IST 157 - Preventative Maintenance Management

IST 162 - Industrial Hydraulic Systems

IST 165 - Industrial Pneumatic Systems

IST 221 - Pumps and Valves

IST 225 - Data Center Operations and Engineering

IST 247 - Programmable Logic Controllers II

IST 248 - Programmable Logic Controllers III

IST 261 - Automated Material Handling

IST 267 - Process Control and Instrumentation

IST 271 - Capstone Project I

IST 273 - Capstone Project II

IST 275 - Capstone Project III

IST 280 - CWE: Indsutrial Systems Technology

Math/Computer Science

CS 109 - Academic Planning for Data Center Tech

CS 120 - Concepts of Computing

CS 125 - Software Applications

CS 125i - Digital Imaging (Photoshop)

CS 125M - 3D Modeling and Animation

CS 133 - Programming Languages

CS 133B - Programming with Visual Basic

CS 133J - Scripting: Javascript with jQuery

CS 133U - Programming with C+

CS 140L - Introduction to Linux Administration I

CS 140R - Introduction to Systems

CS 145 - Introduction to PC Hardware and Software

CS 160 - Gentle Introduction to Programming

CS 161 - Computer Science

CS 162 - Computer Science

CS 179A - Introduction to Networking I

CS 179B - Introduction to Networking II

CS 180 - Computer Science Practicum

CS 195 - Web Development

CS 198 - Special Studies

CS 240L - Introduction to Linux Systems Administration

CS 260 - Data Structures

CS 275 - Database Development

CS 279 - Network Management II

CS 280 - Cooperative Work Experience

CS 282 - Computer Science Colloquium

CS 284 - Fundamentals of Cybersecurity

CS 288 - Network Management III

CS 295 - Web Development

CS 298 - Special Studies

MTH 025 - Pre-Algebra

MTH 042 - Technical Mathematics

MTH 062 - Quantitative Literacy I

MTH 070 - Elementary Algebra

MTH 095 - Intermediate Algebra

MTH 098 - Quantitative Literacy II

MTH 105Z - Math in Society

MTH 111Z - Precalculus I: Functions

MTH 112Z - Precalculus II: Trigonometry

MTH 198 - Special Studies

MTH 211 - Foundations of Elementary Mathematics

MTH 212 - Foundations of Elementary Mathematics

MTH 213 - Foundations of Elementary Mathematics

MTH 231 - Discrete Mathematics

MTH 241 - Calculus for Management/Social Science

MTH 251 - Calculus

MTH 252 - Calculus

MTH 253 - Calculus

MTH 254 - Vector Calculus

MTH 256 - Differential Equations

MTH 261 - Linear Algebra

MTH 298 - Special Studies

STAT 243Z - Elementary Statistics I

Medical Assisting

MA 209 - Medical Assisting Externship

MA 210 - Fundamentals of Medical Assisting

MA 211 - Medical Assisting Practicum

Music

MUP 170 - Applied Strings

MUP 171 - Applied Piano

MUP 174 - Applied Voice

MUS 205 - Introduction to Jazz History

MUS 206 - Introduction to History of Rock Music

MUS 207 - History of Folk Music

Nursing

NRS 110 - Foundations of Health Assessment and Health Promotion

NRS 111 - Foundations of Nursing in Chronic Illness I

NRS 112 - Foundations of Nursing in Acute Care I

NRS 221 - Nursing in Chronic Illness II and End of Life Care

NRS 222 - Nursing in Acute Care II and End-of-Life Care

NRS 224 - Integrative Practicum

NRS 230 - Clinical Pharmacology I

NRS 231 - Clinical Pharmacology II

NRS 232 - Pathophysiological Processes I

NRS 233 - Pathophysiological Processes II

Science

BI 101 - General Biology for Non-Majors

BI 102 - General Biology for Non-Majors

BI 103 - General Biology for Non-Majors

BI 112 - Cell Biology for Health Occupations

BI 124 - Global Ecology and Conservation Biology

BI 130 - Survey of Anatomy and Physiology

BI 163 - Natural History of Oregon

BI 198 - Special Studies

BI 211 - General Biology for Majors

BI 212 - General Biology for Majors

BI 213 - General Biology for Majors

BI 231 - Human Anatomy and Physiology

BI 232 - Human Anatomy and Physiology

BI 233 - Human Anatomy and Physiology

BI 234 - Microbiology

BI 260 - Microbiology

CH 104 - Introductory Chemistry

CH 105 - Introductory Chemistry

CH 106 - Introductory Chemistry

CH 110 - Foundations of Chemistry

CH 221 - General Chemistry (Majors)

CH 222 - General Chemistry (Majors)

CH 223 - General Chemistry (Majors)

G 101 - Introduction to Geology - Minerals and Rocks

G 102 - Introduction to Geology - Environmental Geology

G 103 - Introduction to Geology - Historical Geology

G 105 - Introduction to Geology - Pacific Northwest Geology

G 198 - Special Studies

G 201 - Physical Geology

G 202 - Physical Geology

G 203 - Historical Geology

GEOG 101 - Physical Geography

GS 111 - Physical Science/Forensic Science

GS 150 - Integrated Science

GS 198 - Special Studies

PHY 101 - Essentials of Physics

PHY 198 - Special Studies

PHY 201 - General Physics

PHY 202 - General Physics

PHY 203 - General Physics

PHY 211 - General Physics with Calculus

PHY 212 - General Physics with Calculus

PHY 213 - General Physics with Calculus

Social Science

ANTH 101 - Introduction to Physical Anthropology

ANTH 102 - Introduction to Archaeology and Prehistory

ANTH 103 - Introduction to Cultural Anthropology

ANTH 298 - Special Studies

EC 198 - Special Studies

EC 201 - Principles of Microeconomic Theory with Applications

EC 202 - Principles of Macroeconomic Theory with Applications

GEOG 103 - Human Geography

GEOG 120 - World/Regional Geography

GEOG 206 - Geography of Oregon

GEOG 298 - Special Studies

HST 201 - History of the United States

HST 202 - History of the United States

HST 203 - History of the United States

HST 298 - Special Studies

PS 198 - Special Studies

PS 201 - American Government and Politics

PS 202 - American Government and Politics

PS 203 - American Government/State and Local

PSY 201 - General Psychology

PSY 202 - General Psychology

PSY 237 - Human Development

SOC 198 - Special Studies

SOC 204 - General Sociology: Sociology in Everyday Life

SOC 205 - General Sociology/Institutions and Social Change

SOC 213 - Minorities

SOC 217 - Family and Society

Theatre

TA 101 - Introduction to the Theatre

TA 141 - Fundamentals of Acting Techniques

TA 142 - Fundamentals of Acting Techniques

TA 143 - Fundamentals of Acting Techniques

Welding

WLD 111 - Basic Gas and Arc Welding

WLD 112 - Advanced Arc Welding

WLD 221 - TIG Welding

WLD 253 - Welding Practices for Certification

WLD 256 - Pipe Welding for Certification

Unmanned Aircraft Systems

009 .620 - UAS History

009 .621 - UAS Weather

009 .622 - UAS Airframes and Aerodynamics

009 .623 - National Airspace for UAS Operations

009 .624 - UAS System Designs and Components

009 .625 - UAS Autopilot Programming and Fundamentals

009 .626 - UAS Sensors and Payload Operations

009 .627 - UAS Simulator Applications and Operations

009 .628 - UAS FFA Regulations

009 .629 - Flight Labs

Other Courses

UAS 101 - Unmanned Aircraft Systems I

UAS 110 - Introduction to Unmanned Aerial Systems

UAS 111 - Ground Flight Training

UAS 112 - UAS Flight Training I

UAS 113 - UAS Maintenance

UAS 114 - UAS Sensor and Communication Systems I

UAS 115 - UAS Flight Training II

UAS 210 - UAS Maintenance II

UAS 211 - UAS Sensor and Communication Systems II

UAS 212 - UAS Flight Training III

UAS 280 - CWE: Unmanned Aircraft Systems

Course Numbers, Credits, Descriptions

Course Numbers

Generally, courses with letter prefixes apply toward degrees and certificates, and courses with 100 and 200 numbers are college transfer courses; those numbered 200 to 299 are considered sophomore-level courses. Be sure to check the degree requirements for the certificate or degree you are seeking to ensure that the course you are taking will be counted.

Course Credits

In order to earn an associate's degree in two years, students should enroll for an average of 16 college-level credits in fall, winter, and spring terms. If college preparatory courses are required, the number of credits each term would increase accordingly. Curriculum and program requirements described in this catalog provide more information on the program or degree of your choice.

Students participating in intercollegiate athletics, must complete and pass at least 12 credit hours each term for eligibility purposes. Students are encouraged to visit with BMCC's athletic director and/or our coaches for detailed eligibility requirements.

Reading Course Descriptions

Courses are grouped by area of study and listed in this section of the catalog. Not every course is offered every term. Use the online "schedule of classes" to determine quarterly course offerings. Students who plan to transfer should consult with their program advisor to ensure course transferability.

HOW TO READ A COURSE DESCRIPTION

Courses are grouped by area of study and listed alphabetically by letter prefix and course number. Courses numbered 100 and above are designed for transfer to other colleges for degree credit.

Course Number and Title – Letters and numbers along with the title of the course. Example: AGM131 Agricultural Safety

Course Description – Briefly summarizes course content.

Credits, Lecture, Lab – The number of credits earned by taking the course is noted. Each lecture credit corresponds to one hour of instruction per week. Each lab credit equals 3 hours per week. Each other credit generally refers to 2 hours of class time per credit.

Prerequisite – Prerequisites are listed below course descriptions. A prerequisite is a course that must be completed before enrolling in the selected course. It is important to note prerequisites before registering.

Corequisite – Corequisite is a course that should be completed either before or while attending the selected course.

Course Designations Key

- (*) - Arts & Letters (Humanities) Courses
- (~) - Social Science Courses
- (@) - Computer Science Courses
- (+) - Mathematics Courses
- (=) - Non-Lab Science Courses
- (%) - Lab Science Courses
- (&) - Health/Wellness Courses
- (!) - Cultural Literacy Courses
- (^) - General Elective Courses
- (>) - Career and Technical Courses
- (#) - Human Relations Courses

Non-Designated Courses

Courses numbered 100 and above listed in this section of the catalog that have not received a designation mark as outlined above may or may not meet degree requirements or be transferable to other institutions. Questions regarding transferability of courses should be directed to the program advisor, associate vice president of enrollment management, or vice president of instruction.

Non-Transfer Courses

Courses with numerical designations less than 100 are not transferable to four-year institutions.

AGM Agriculture

> **AGM131 - Agriculture Safety**

Credits - 3 Lecture - 3

A basic course in agricultural safety covering hand and power tools, equipment, chemical and environmental safety. Students will develop safe working habits and identify and correct safety hazards.

> **AGM140 - Agriculture Engines**

Credits - 3 Lecture - 2 Lab - 1

Students develop a practical understanding of the functioning, operation, and maintenance of the internal combustion engine particularly as it is used in agricultural operations. Single cylinder small gas engines will be used in the lab setting to demonstrate these principles and allow students hands on experience with diagnostics, disassembly, reassembly and repair.

Term(s) Offered: Winter

> **AGM211 – Agriculture Construction and Surveying**

Credits - 3 Lecture - 2 Lab - 1

Surveying, leveling and construction in agricultural applications.

Term(s) Offered: Fall

> **AGM221 - Metals and Welding**

Credits - 3 Lecture - 2 Lab - 3

A basic course in welding using oxyacetylene torches and electric arc welding equipment emphasizing the development of skills and knowledge to safely and effectively accomplish practical repairs and fabrication in agricultural applications.

Term(s) Offered: Winter

> **AGM240 - Tractors**

Credits - 2 Lecture - 1 Lab - 1

This course will acquaint students with agricultural tractors and their systems. Labs will be used extensively to develop student skills in operation and maintenance of tractors. Maneuvering, attaching, detaching, and using implements will be stressed.

Term(s) Offered: Fall

> **AGM241 – Agriculture Machinery**

Credits - 3 Lecture - 2 Lab - 1

Tillage, planting, and harvest equipment used in Eastern Oregon agriculture covering economic factors, operation principles, adjustments, and maintenance of commonly used machines.

Term(s) Offered: Spring

> **AGM250 - Irrigation Systems Design**

Credits - 3 Lecture - 1 Lab – 1 Lecture/Lab - 1

This course will develop a student's ability to design drip, low pressure and sprinkler irrigation systems. Horticultural and field crop applications will be emphasized. Systems will be explored from pump to output nozzle. Topics for discussion may include soil-water-plant relations, planning a system, plant water requirements, water supply, pumps, hydraulics of irrigation systems, system types and costs.

Term(s) Offered: Winter

> **AGM251 - Irrigation Systems**

Credits - 3 Lecture - 2 Lab - 1

Application of design skills learned in Irrigation Systems Design to actual in-field situations. Field trips will explore different applications of irrigation. Contemporary water issues will be discussed.

Recommended preparation: AGM 250

Term(s) Offered: Spring

AGR Agriculture

> **AGR101 – Agriculture Orientation**

Credits - 1 Lecture - 1

Students will explore successful learning opportunities available at Blue Mountain Community College and develop plans to successfully complete their program of study. Special review will be given to agricultural program areas. Agriculture department instructors and staff will introduce students to financial aid, the library, and the student service center.

Term(s) Offered: Fall

> **AGR111 – Agriculture Computers**

Credits - 3 Lecture - 3

Application of personal microcomputers to farm and ranch situations. Use and evaluation of spread sheets, data bases, and word processing software are covered.

Term(s) Offered: Winter

> **AGR200 - Pre-Employment Seminar**

Credits - 1 Lecture - 1

A class designed to assist the student in securing employment. Job-hunting techniques, interviewing skills, and the study of job related responsibilities and problems while advancing in a chosen career are major topics covered. A seminar format is used to encourage student participation.

Term(s) Offered: Fall

> **AGR210 – Agriculture Accounting**

Credits - 4 Lecture - 4

Simulation of ranch and farm record keeping including maintaining payroll, depreciation, cash flow and inventory records. Computer spreadsheets are used to assist in analysis of various farm/ranch enterprises.

Term(s) Offered: Winter

> **AGR211 - Agriculture Business Management**

Credits - 3 Lecture - 3

The study of the four basic assets needed to begin any farm or ranch business. Land, labor, capital, and management are evaluated to ascertain each component's ability to produce maximum economic returns.

Term(s) Offered: Spring

> **AGR221 – Agriculture Marketing**

Credits - 3 Lecture - 3

The complex agriculture marketing process including study of the marketing system, marketing a specific farm commodity, and the importance of organization in marketing agricultural products.

Term(s) Offered: Fall

> **AGR226 - Agriculture Issues**

Credits - 3 Lecture - 3

This course covers current topics causing change in the Agricultural Industry. Students may research and report on trends as diverse as animal rights, chemicals and foods, land use, water rights, government subsidies, and others. Working alone or with partners, teams will discuss and make presentations demonstrating leadership, decision-making, creativity, and conflict resolution.

Term(s) Offered: Fall

> **AGR280 - Cooperative Work Experience**

Credits - 1-8

Offered to agriculture students to work on-the-job in various agricultural fi elds to gain elective credits from BMCC. Also required in conjunction with several courses in our program.

Term(s) Offered: Fall, Winter, Spring

AGR290 – Independent Project

Credits - 2 Lecture - 2

AGR 290 is an independent study course for students to research, design and complete a Precision Agriculture related GIS project such as soil sampling, crop scouting, and remote sensing with UAS (drones). Students will collect, analyze, and report real-world data. This class serves as a capstone project for the Precision Agriculture degree. Projects must be approved and supervised by the instructor.

Prerequisites: ET114, CSS220, CSS221, UAS211, UAS110, and a Remote Pilot Certificate (if using UAS to collect data)

> **AGR296 – Production Problems**

Credits - 4 Lecture - 4

Students will select an area related to agriculture and do a feasibility study or an economic analysis. Currently published figures will be used. The report will contain all information needed to make a justifiable and cost beneficial decision.

Term(s) Offered: Spring

ANS Agriculture

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^ **ANS121 - Animal Science**

Credits - 4 Lecture - 3 Lab - 1

This course is designed to expose students to the various components of animal science and animal husbandry in the modern livestock industry through discussion, lecture, and hands-on laboratory experiences.

Term(s) Offered: Winter

> **ANS122 - Animal Science**

Credits - 3 Lecture - 2 Lab - 1

Approved practices in the modern livestock industry. Students gain technical knowledge in livestock reproduction, genetics, and modern breeds. Emphasis is placed upon performing skills commonly used by successful ranchers.

Term(s) Offered: Winter, Spring

ANS121 Preferred not required.

> **ANS198 - Special Studies**

Credits - 1-3

Designed to provide interested and capable students with the opportunity

to study special topics in the animal sciences.

ANS201 - Introduction to Equine Science

Credits - 3 Lecture - 2 Lab - 1

This course is an introductory course in equine science. The course emphasizes the effects of natural selection on natural and domesticated horses, selection of horses by breed and evaluation of conformation, tack selection and care, nutrition and feed rations, basic handling of horses from the ground, and general health care. Labs will parallel topics in lecture and provide students with practical applications of techniques discussed.

Term(s) Offered: Fall

> **ANS211 - Animal Nutrition**

Credits - 4 Lecture - 3 Lab - 1

Designed to develop an understanding of applied animal nutrition. This course will cover proteins, carbohydrates, lipids, vitamins, minerals, and the use of these nutrients by livestock. Rations will be balanced during the laboratory sessions.

Recommended preparation: ANS121
Corequisite: AGR280

Term(s) Offered: Winter

> **ANS212 - Animal Nutrition Recitation**

Credits - 1 Lecture - 1

This class functions as a help session and a supplement for ANS 211 to enable students to become more proficient in balancing livestock rations. While many students can balance rations quickly and efficiently from the knowledge and skills gained in lecture and labs, others need additional instruction.

Corequisite: ANS211

Term(s) Offered: Winter

> **ANS216 - Pregnancy Testing/Bovine**

Credits - 1 Lab - 1

This course is a “hands-in” course requiring students to pregnancy check a minimum of fifty cows to become proficient. This class has an open lab to accommodate students and give all adequate time to develop a high level of proficiency.

Recommended preparation: ANS121, ANS122 and instructor approval.

Term(s) Offered: Fall

> **ANS217 - Artificial Insemination**

Credits - 3 Lecture - 2 Lab - 1

Basic considerations of reproductive physiology and artificial insemination of livestock. Emphasis in the lab is placed on the application of lecture material and developing proficiency in the artificial insemination of cattle.

Recommended preparation: ANS121 and ANS122

Term(s) Offered: Spring

> **ANS218 - Advanced Artificial Insemination**

Credits - 1 Lab - 1

A course where students act as teaching assistants in the class to assure that this “hands-in” activity proceeds properly and safely. A.I. is a technical, difficult task requiring a great deal of practice and supervision to be done properly.

Prerequisite: ANS217

> **ANS220 - Beef Production**

Credits - 4 Lecture - 3 Lab - 1

Designed to enable students to learn proven practices in modern beef production. Students will develop skills which can lead to a successful cattle operation.

Term(s) Offered: Winter

Offered in even number years. Completion of ANS121 and ANS122 recommended but not required.

> **ANS222 - Sheep and Swine Production**

Credits - 4 Lecture - 3 Lab - 1

Fundamentals of modern sheep and swine production. Students develop skills and learn up-to-date, practical information.

Completion of ANS121 and ANS122 recommended but not required.

Term(s) Offered: Winter

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^ **ANS231 - Livestock Evaluation**

Credits - 3 Lecture - 2 Lab - 1

The subject of livestock judging and evaluation is presented in a practical and direct manner. Classroom study of current type and market demand is combined with actual livestock judging experience. Classes of cattle, sheep, swine, and horses will be judged.

Term(s) Offered: Spring

> **ANS232 - Live Meat Animal Evaluation**

Credits - 3 Lecture - 2 Lab - 1

More fully develops the principles emphasized in the first quarter. More time is spent in actual judging. Oral reasons for many of the classes are required. Students from this class participate on our intercollegiate livestock judging team.

Recommended preparation: ANS 231 or instructor approval.

Term(s) Offered: Fall

> **ANS233 - Livestock Evaluation/Oral Reasons**

Credits - 1 Lab - 1

Oral reasons are given by Livestock Evaluation students to enhance their public speaking ability and to clearly define and justify their placements. This skill is critical to members of the Livestock Judging Team at BMCC. This training is recommended for other students who wish to improve their communication skills.

Term(s) Offered: Fall

Completion of or concurrent enrollment in ANS 231 required.

> **ANS240 - Animal Health**

Credits - 5 Lecture - 4 Lecture/Lab - 1

Disease control as it relates to today's modern livestock operation, including detailed study of health problems in beef cattle and study of horse, sheep and swine diseases. The lab develops student competency in practical and useful animal health skills.

Term(s) Offered: Spring

ANS261 - Introduction to Meat Science

Credits - 2 Lecture - 2

This course is designed to expose students to the various components that make up the study and career field of meat science. Topics will include HAACP (Hazard Analysis and Critical Control Points) plans, ODA (Oregon Department of Agriculture) vs. USDA (United States Department of Agriculture) regulations, muscle chemistry, product safety, and product quality. Students will participate in processing livestock from the live animal to a plate ready product. CWE is required for this course.

Term(s) Offered: Winter

ANS262 - Introduction to Meat Processing

Credits - 2 Lecture - 2

This course is designed to expose students to the various components that will make up the study and career field of processed value added meat products. Topics will include HACCP (Hazard Analysis and Critical Control Points) plans, ODA (Oregon Department of Agriculture) vs. USDA (United States Department of Agriculture) regulations, sausage and jerky, curing and smoking, ingredients, product safety, product quality and labeling. Students will participate in the processing of livestock from the live animal to a plate ready value added product. CWE is required for this course.

Term(s) Offered: Spring

CSS Agriculture

> **CSS100 – Soils and Fertilizers**

Credits – 3 Lecture – 2 Lab – 1

Students will study and evaluate the characteristics of the soil. Soil amendments and fertilizers are reviewed to determine crop requirements. Plant and soil analysis techniques are studied.

Term(s) Offered: Winter

> **CSS109 – Introduction to Precision Agriculture**

Credits – 2 Lecture – 2

This course will introduce students to a variety of concepts in precision agriculture, including the Global Positioning System (GPS), Global Information Systems (GIS), and various methods of data collection using precision agriculture technology. An emphasis will be placed on development of an academic plan and successful completion of the precision irrigated agriculture degree, including introducing students to financial aid, library and student service center.

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^ **CSS122 – Irrigated Crops**

Credits – 3 Lecture – 2 Lab – 1

This course introduces students the wide array of irrigated crops grown in Oregon and the Pacific Northwest. General production and management challenges will be discussed for each highlighted crop, including the economics and marketability of the crop.

> **CSS201 – Principles of Crop Science**

Credits – 3 Lecture – 3

Covers the major farm practices used in Eastern Oregon. Major crops used to facilitate learning include wheat, barley, peas, potatoes, and corn. Other crops will be reviewed to determine their adaptability to local climate, soils, and markets.

Corequisite: AGR 280

Term(s) Offered: Spring

> **CSS210 – Forage Crops**

Credits – 3 Lecture – 3

Students will study the carious crops raised for livestock consumption. Proper planting, maintenance, harvest, and storage techniques, production and economic returns are topics reviewed in detail.

Corequisite: AGR280

Term(s) Offered: Fall

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^ **CSS220 – Geospatial Data Collection**

Credits – 5 Lecture – 3 Lecture/Lab – 2

This course will go into detail on types and methods of field data collection for a spatial analysis and provide students with a solid background in data logging systems, project design, and an introduction to data analysis and map production for agricultural applications. Students will be responsible for identifying a study area, a question or management issue, and the data needed to answer the question as part of a term/team project. Students will learn not only the technical issues of field collection but also critical thinking skills and communication skills.

Prerequisite: MTH062 or higher and ET114

> **CSS221 – Agricultural Spatial Analysis**

Credits – 4 Lecture – 3 Lab – 1

This course is designed to provide students with a foundation in analyzing spatial data for agricultural applications. Students will process field data, compile reports, and create prescription and application maps. An emphasis will be placed on identifying and interpreting relationships and patterns in yield and other cropping factors.

Prerequisite: ET114 and CSS220

> **CSS230 – Precision irrigation Software**

Credits - 3 Lecture – 3

This project-driven course will prepare the student to use various precision agriculture software programs in the irrigation and precision agriculture industry. Lectures will be delivered in person at the Pendleton campus/Hermiston Center for Precision Ag. This course may be offered online.

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^ **CSS240 – Pest Management**

Credits – 4 Lecture – 4

Students will study the common pesticides used in today’s farms and ranches. Herbicides, insecticides, fungicides, and growth regulators will be reviewed. Methods of application and calibration are taught stressing safety in handling and disposal.

Corequisite: AGR280

Term(s) Offered: Winter

> **CSS241 – Integrated Pest Management**

Credits – 4 Lecture – 3 Lab – 1

This course is designed to provide students with an overview and in-depth background in integrated pest management and resistance management. The course is designed to provide students with tactics to monitor and control insects, diseases and weeds successfully, consistently, and economically throughout their career. Lecture materials may also be made available to students online. Course may fill continuing education credits for ODA applicator’s license.

Prerequisite: CSS240 or Applicators License, MTH070 or higher

HORT Agriculture

> **HORT100 – Plant Science**

Credits – 3 Lecture – 3

Basic Principles of plant science and the environmental factors associated with plant growth and development constitute the core of this course. Agricultural application of plants will be emphasized.

Corequisite: AGR280

Term(s) Offered: Fall

> **HORT111 – Alternative Crop Production**

Credits – 3 Lecture – 3

Explores specialty crop production such as seed, berry, fruit, and melon production. Mulch use and drip irrigation will be emphasized. Greenhouse work may also be included.

Corequisite: AGR280

Term(s) Offered: Spring

RNG Agriculture

> **RNG241 – Range Management**

Credits – 3 Lecture – 2 Lab – 1

Plants and domesticated farm animals: the integration of climate, soil, vegetation, and animal factors in the economic management of the range ecosystem.

Term(s) Offered: Spring

VT Agriculture

> **VT109 – Introduction to Veterinary Science**

Credits – 2 Lecture – 2

Overview of the veterinary assistant's job. This course covers the business of veterinary medicine with an emphasis on the practical aspects of front-office management. Topics will include: Veterinary medicine and the veterinary health care team, careers in veterinary medicine, types of veterinary practices, professionalism, and veterinary workplace, the Human-Animal Bond, Office Practices, Workplace Safety, Universal Precautions, Aseptic Technique, Basic Medical Terminology, Basic Clinical Skills, Basic Nutrition, and Basic Behavior. This will illustrate that the coursework is both practical and necessary.

Term(s) Offered: Fall

> **VT110 – Fundamentals of Veterinary Assistant I**

Credits – 3 Lecture – 2 Lab – 1

This course covers the business of Veterinary medicine with an emphasis on the practical aspects of front-office management. Topics will include: Veterinary medicine and the veterinary health care team, careers in veterinary medicine, types of veterinary practices, professionalism, and veterinary workplace, the Human-Animal Bond, Office Practices, Workplace Safety, Universal Precautions, Aseptic Technique, Basic Medical Terminology, Basic Clinical Skills, Basic Nutrition, and Basic Behavior.

Prerequisite: VT109

Term(s) Offered: Winter

> **VT111 – Fundamentals of Veterinary Assistant II**

Credits – 3 Lecture – 2 Lab – 1

This course focuses on animal management and the production of food animals. Identification and treatment of diseases play a large role in this course. Students will also be introduced to One Health Sciences; occupations that involve animal health on a global level implementing research and surveillance of animal populations.

Prerequisite: VT110

Term(s) Offered: Spring

> **VT280 – Cooperative Work Experience**

Credits – 1-4

Offered to Vet Tech students to work on-the-job in various agricultural fields to gain elective credits from BMCC. Also required in conjunction with several courses in our program.

Term(s) Offered: Summer

APR Apprenticeship

APR110A - Plumbing Apprenticeship Fundamentals

Credits - 4 Lecture - 4

This course will familiarize the apprentice with a brief history of plumbing laws governing the plumbing trade; materials and methods for installation and maintenance of potable water systems, waste and sewage disposal; the definitions, fundamentals rules, purpose and scope of the Uniform Plumbing Code (UPC).

APR110B - Plumbing Apprenticeship Math and Basic Installation

Credits - 4 Lecture - 4

This course covers the practical application of basic math to plumbing calculations and familiarize the apprentice with basic installation practices utilizing the fundamental rules of the Uniform Plumbing Code and on-the-job Occupational Health and Safety requirements.

APR110C - Plumbing Apprenticeship Print Reading

Credits - 4 Lecture - 4

This course covers installation practices for potable water, piping materials and methods for installation and maintenance of potable water systems, waste and sewage disposal, the definitions, fundamental rules, purpose and scope of the Uniform Plumbing Code (UPC).

APR110D - Plumbing Apprenticeship Basic Installation

Credits - 4 Lecture - 4

In this course, the apprentice will become familiar with the proper techniques for installing sanitary drainage systems, gas and electric tank type water heaters and tankless water heaters, Uniform Plumbing Code and Occupational Safety and Health Association (OSHA) requirements.

APR110E - Plumbing Apprenticeship Occupancy

Credits - 4 Lecture - 4

In this course, the plumbing apprentice will become familiar with advanced levels of blueprint reading and specialty drawings; installation of sewage and drainage systems and further study of installation and safety practices.

APR110F - Plumbing Apprenticeship Advanced Waste System

Credits - 4 Lecture - 4

This course will introduce the apprentice to several aspects of the plumbing trade, including the range of materials approved for venting purposes, the raising or lifting of waste materials to the elevation of the building drain by means of sump pumps, sewage pumps and sewage ejectors; the use of traps to prevent dangerous gases from escaping into building; and further study of installation and safety practices. Chapters 9 & 10 of the UPC.

APR111A - LMPE Apprenticeship Fundamentals

Credits - 4 Lecture - 4

Related training for the LMPE Electrical Apprentice. Subject area will enable the apprentice to receive the technical knowledge of the skills required of an LMPE Electrician. Context will include trade history and concepts, trade math, basic electrical DC theory, and introduction to National Electrical Code.

APR111B - LMPE Apprenticeship AC/DC Circuits

Credits - 4 Lecture - 4

Related training for LMPE Electrical Apprentice. The student will receive the technical knowledge of the skills required of an LMPE Electrician. Content will cover mathematical formulas of equations, basic AC theory, use of test equipment and applicable National Electrical Code.

APR111C - LMPE Apprenticeship Measurement

Credits - 4 Lecture - 4

This course is designed to familiarize the LMPE Electrical apprentice with advanced aspects of electrical theory, math and power distribution along with practical residential wiring and the National Electrical Code.

APR111D - LMPE Apprenticeship Theory

Credits - 4 Lecture - 4

This course covers related training for the LMPE Electrical Apprentice. The student will receive the technical knowledge of the skills required of an LMPE Electrician. Course content includes the requirements for wiring and installation of electrical devices, transformers, over-current devices, wire devices, hazardous locations, residential calculation and application of the National Electrical Code.

APR111E - LMPE Apprenticeship Wiring and Print Reading

Credits - 4 Lecture - 4

This course covers related training for LMPE Apprentice. The apprentice will receive the technical knowledge of the skills required of an LMPE Electrician. The content will include requirements for wiring and installation of electrical devices, auxiliary gutters, raceways, fuses and over-current devices, wire devices, hazardous locations, busways, residential calculation and applicable national electrical code.

APR111F - LMPE Apprenticeship Installation

Credits - 4 Lecture - 4

This course covers the requirements for wiring and installation of electrical devices, auxiliary gutters, raceways, fuses and over-current devices, hazardous locations, busways, residential calculation and applicable National Electrical Code for LMPE electrician apprentices.

APR112A - Inside Electrical Apprenticeship Fundamentals

Credits - 4 Lecture - 4

Related training for Inside Wire Electrician Apprentice. Subject area will enable the apprentice to receive the technical knowledge of the skills required of an Inside Wire Electrician. Context will include trade history and concepts, trade math, basic electrical DC theory, and introduction to National Electrical Code.

APR112B - Inside Electrician Apprenticeship AC/DC Circuits

Credits - 4 Lecture - 4

Related training for Inside Wire Electrician Apprentice. The student will receive the technical knowledge of the skills required of an Inside Wire Electrician. Content will cover mathematical formulas of equations, basic AC theory, use of test equipment and applicable National Electrical Code.

APR112C - Inside Electrical Apprenticeship Measurement

Credits - 4 Lecture - 4

This course is designed to familiarize the Inside Electrical apprentice with advanced aspects of electrical theory, math and power distribution along with practical residential wiring and the National Electrical Code.

APR112D - Inside Electrical Apprenticeship Theory

Credits - 4 Lecture - 4

This course covers related training for the Inside Wire Electrical Apprentice. The student will receive the technical knowledge of the skills required of an Inside Wire Electrician. Course content includes the requirements for wiring and installation of electrical devices, transformers, over-current devices, wire devices, hazardous locations, residential calculation and application of the National Electrical Code.

APR112E - Inside Electrical Apprenticeship Wiring and Print Reading

Credits - 4 Lecture - 4

This course covers related training for Inside Wire Electrical Apprentice. The apprentice will receive the technical knowledge of the skills required of an Inside Wire Electrician. The content will include requirements for wiring and installation of electrical devices, auxiliary gutters, raceways, fuses and over-current devices, wire devices, hazardous locations, busways, residential calculation and applicable national electrical code.

APR112F - Inside Electrician Apprenticeship Installation

Credits - 4 Lecture - 4

This course covers the requirements for wiring and installation of electrical devices, auxiliary gutters, raceways, fuses and over-current devices, hazardous locations, busways, residential calculation and applicable National Electrical Code for Inside Wire Electrician apprentices.

APR114A - PLC Apprenticeship Hardware/Number Systems

Credits - 4 Lecture - 4

This course covers related training for the Programmable Logic Controller (PLC) apprentice to study theory and trade practices. Content includes an introduction to the trade, application, scope requirements, design, development, documentation, troubleshooting, programming, analog interface, and Input/Output concepts needed for understanding PLC’s in the workplace.

APR114B - PLC Apprenticeship Programming Fundamentals

Credits - 4 Lecture - 4

This course covers related training for Programmable Logic Controller (PLC) apprentices to study theory and trade practices with content focused on input and output modules, creating a modular PLC, processors, introduction to ControlNet/DeviceNet, data organization, and basic relay instructions.

APR114C - PLC Apprenticeship Timers, Counters, Controls

Credits - 4 Lecture - 4

This course covers related training for Programmable Logic Controller (PLC) apprentices to study theory and trade practices, the course includes relay instructions, programmable controller input modules, system documenting, timer and counter instructions.

APR115A - LME Apprenticeship Fundamentals

Credits - 4 Lecture - 4

Related training for the LME Electrical Apprentice. Subject area will enable the apprentice to receive the technical knowledge of the skills required of an LME Electrician. Context will include trade history and concepts, trade math, basic electrical DC theory, and introduction to National Electrical Code.

APR115B - LME Apprenticeship AC/DC Circuits

Credits - 4 Lecture - 4

Related training for LME Electrical Apprentice. The student will receive the technical knowledge of the skills required of an LME Electrician. Content will cover mathematical formulas of equations, basic AC theory, use of test equipment and applicable National Electrical Code.

APR115C - LME Apprenticeship Blueprint Reading

Credits - 4 Lecture - 4

This course covers related training for LME Apprentice. The apprentice will receive the technical knowledge of the skills required of an LME Electrician. The content will include requirements for wiring and installation of electrical devices, auxiliary gutters, raceways, fuses and over-current devices, wire devices, hazardous locations, busways, residential calculation and applicable national electrical code.

APR117A - IMM Apprenticeship Reading Blueprints and Schematics

Credits - 3 Lecture - 3

This course covers all varieties of blueprints, schematics, and symbols used in commercial and industrial settings. Examines symbols on schematics, electrical symbols, diagrams, hydraulic, pneumatic, and piping. Discusses machine parts and machine drawings. Introduces sketching used in industrial plants including welding and joining symbols.

APR117B - IMM Apprenticeship Industrial Math/Measurement

Credits - 3 Lecture - 3

This course covers measurement and mathematical basics used in commercial and industrial applications. Examines all aspects of basic measurement concepts and procedures. Explains how to use scales and rules, combination calipers, and micrometers. Examines common fractions and decimals, powers and roots. Moves on to cover geometry, algebra, and formulas for problem solving. Concludes by explaining properties of triangles.

APR117C - IMM Apprenticeship Metals in the Plant

Credits - 1 Lecture - 1

This course introduces metals, metallurgy, and metalworking used in industry. Discusses the properties of metals, including their mechanical properties. Examines industrial manufacturing processes. Covers iron and standard steels. Explains the different kinds of heat treatment and their usage. Discusses some techniques of working with copper, aluminum, magnesium, titanium, lead, nickel, tin, and zinc.

APR117D - IMM Apprenticeship Nonmetals in the Plant

Credits - 1 Lecture - 1

This course introduces major nonmetal materials and how they are most frequently used. Describes, properties, characteristics, and classifications of each material. Covers synthetic and natural materials. Examines various paints and coatings, their proper use, preparation, and application. Surveys industrial chemicals. Chemical safety precautions are covered, along with the proper use of protective equipment.

APR117E - IMM Apprenticeship Hand Tools

Credits - 1 Lecture - 1

This course covers the most important hand tools used in the industrial workplace. The course includes the proper use of measuring tools, including a discussion of units of measurement. Examines the various kinds of wrenches and screwdrivers, their uses and handling techniques. Explains various hand tools by specialty: pipefitting tools, plumbing tools, electrician's tools, sheet metalworking tools, machinists' metal-working tools, hoisting and pulling tools.

APR117F - IMM Apprenticeship Portable Power Tools

Credits - 1 Lecture - 1

This course explains the uses, selection, safety, and care of industrial power tools: electric drills, electric hammers, pneumatic drills and hammers, screwdrivers, nutrunners, wrenches, linear-motion and circular saws, routers and planes, electric sanders, grinders, and shears. Covers tool sharpening techniques for selected tools.

APR117G - IMM Apprenticeship Industrial Safety and Health

Credits - 1 Lecture - 1

This course covers government involvement in ensuring a safe workplace. Discusses safety in various situations, personal protective equipment and fire safety. Includes expanded coverage of many health hazards. Covers environmental responsibility and the importance of maintaining a safe work environment.

APR117H - IMM Apprenticeship Troubleshooting Skills

Credits - 1 Lecture - 1

This course explores the subject of troubleshooting and the importance of proper maintenance procedures. Covers working with others, aids in communication, and trade responsibilities. Outlines troubleshooting techniques and aids, using schematics and symbols. Focuses on specific maintenance tasks, breakdown maintenance, and planned maintenance.

APR117I - IMM App. Industrial Rigging Principles and Practices

Credits - 1 Lecture - 1

This course covers techniques and safeguards in the use of rope, chain, hoists, and scaffolding when moving heavy plant equipment and maintaining plan utilities.

APR117J - IMM Apprenticeship Equipment Installation

Credits - 1 Lecture - 1

This course covers installation procedures for large plant equipment. Considers factors affecting proper installation in detail, from preparatory relocation of underground piping and wiring through equipment anchoring, aligning and running tests.

APR117K - IMM Apprenticeship Basic Mechanics

Credits - 1 Lecture - 1

This course covers force and motion, work and energy, and fluid mechanics as applied in industrial maintenance. Explains principles of operation for simple machines, such as lever, inclined plane, wheel and axle, pulley, and screw. Explains the basic elements of industrial machines, as well as common measurement tools used to monitor and adjust equipment. Covers hand tools, power tools and fasteners, ending with a discussion of ways to reduce friction and wear.

APR117L - IMM Apprenticeship Lubricants and Lubrication

Credits - 1 Lecture - 1

This course covers force and motion, work and energy, and fluid mechanics as applied in industrial maintenance. Explains principles of operation for simple machines, such as lever, inclined plane, wheel and axle, pulley, and screw. Explains the basic elements of industrial machines, as well as common measurement tools used to monitor and adjust equipment. Covers hand tools, power tools and fasteners, ending with a discussion of ways to reduce friction and wear.

APR117M - IMM Apprenticeship Power Transmission Equipment

Credits - 1 Lecture - 1

This course covers belt drives, chain drive, gears and gear drives, adjustable-speed drives, shaft alignment, shaft coupling devices, and clutches and brakes.

APR117N - IMM Apprenticeship Bearings

Credits - 1 Lecture - 1

This course covers principles and applications of various types of bearings, including plain journal, ball, and roller bearings. Explains installation, inspection and repair of bearings. Deals with specialized bearings, including powdered-metal, nonmetallic, and hydrostatic bearings. Covers bearing seals, lubrication, and maintenance practices.

APR117O - IMM Apprenticeship Pumps

Credits - 1 Lecture - 1

Covers typical applications of various types of pumps. Describes factors affecting pump selection. Explains operating principles of centrifugal, propeller, and turbine, rotary, reciprocating, and metering pumps. Includes special-purpose pumps, diaphragm pumps, and others designed to handle corrosive and abrasive substances. Covers pump maintenance, packing gland, seal, and bearing replacement.

APR117P - IMM Apprenticeship Piping Systems

Credits - 1 Lecture - 1

Covers piping and tubing systems used for fluid transport in the plant: hydraulic fluids, steam, liquefied product, refrigerant, and water. Shows typical metallic and nonmetallic piping systems, pipe-joining methods, and how tubing and hoses diff er from piping. Covers valves, pipe fittings, hangers, supports, and insulation, and shows how tubing is sized, fitted, bent, and joined. Explains uses of traps, filters, and strainers.

APR117Q - IMM Apprenticeship Basic Hydraulics

Credits - 1 Lecture - 1

This course covers hydraulic principles, types of hydraulic fluids and their characteristics. Describes components of hydraulic systems and their functions; including filters and strainers, reservoirs and accumulators, pumps, piping, tubing and hoses, control valves, and devices. The course also covers a variety of cylinders and hydraulic motors.

APR117R - IMM Apprenticeship Hydraulic Troubleshooting

Credits - 1 Lecture - 1

This course covers understanding hydraulic systems, using schematic diagrams, installation procedures, cleanliness and safety. Includes tubing cutting, bending, and flaring, identification and selection of proper fluid, and charging the system. Discusses planned maintenance, specific repair/replacement recommendations, system diagnosis, and troubleshooting.

APR117S - IMM Apprenticeship Basic Pneumatics

Credits - 1 Lecture - 1

This course covers how work, force, and energy are applied to principles of pneumatics. Explains the operating principles of reciprocating, positive displacement, rotary, and dynamic air compressors. Covers primary and secondary air treatment including; valves, logic, devices, cylinders, and air motors.

APR117T - IMM Apprenticeship Pneumatic Troubleshooting

Credits - 1 Lecture - 1

This course covers pneumatic systems, schematic symbols and diagrams, installing system components, planned maintenance, system diagnosis, and troubleshooting. The course also includes maintenance of air compressors, control valves, air motors, electrical components, and hybrid systems.

APR117U - IMM Apprenticeship Chemical Hazards

Credits - 1 Lecture - 1

This course covers OSHA’S Hazard Communication Standard and discusses the physical and health hazards presented by dangerous chemicals. The student will also be introduced to the information contained in a Material Safety Data Sheet (MSDS).

APR117V - IMM Apprenticeship Bulk Handling Conveyors

Credits - 1 Lecture - 1

This course covers OSHA’S Hazard Communication Standard and discusses the physical and health hazards presented by dangerous chemicals. The student will also be introduced to the information contained in a Material Safety Data Sheet (MSDS).

APR210G - Plumbing Apprenticeship Residential Installation

Credits - 4 Lecture - 4

This course will introduce the plumbing apprentice to the broad variety of fixtures (tubs, showers, toilets, water heaters etc.) and fixture fittings (faucets, valves, trim, regulators, gauges) found in residential, commercial and industrial building and instruct the apprentice in the Code requirements and industry practices for proper use and installation

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APR210H - Plumbing Apprenticeship Commercial Installation

Credits - 4 Lecture - 4

This course will allow the apprentice to master more complex mathematical calculations encountered in the trade; understand the principles of heat transfer and heat retention in connection with water heaters; and understand methods of water treatment as it applies to the Plumbing trade.

APR210I - Plumbing Apprenticeship Code

Credits - 4 Lecture - 4

In this course, the Plumbing apprentice will master the concepts and procedures of reading a complete set of plans; basic electricity; installation of storm drains; and the Uniform Plumbing Code as it relates to the Plumbing industry.

APR210J - Plumbing Apprenticeship Industrial Installation

Credits - 4 Lecture - 4

In this course the Plumbing apprentice will gain proficiency in; service and maintenance of residential, commercial and industrial plumbing primarily focusing on industrial plumbing installation and repair; and associated Uniform Plumbing Codes for industrial installations.

APR210K - Plumbing Apprenticeship Basic Waste Water System

Credits - 4 Lecture - 4

This course will enable the Plumbing apprentice to gain proficiency in isometric drawings to depict sizing in water, drainage and gas piping systems; direct, indirect and special waste system; protection of water supply - sources of possible contamination, prevention devices and practices; principles of hydraulics and pneumatic related to plumbing; pump theory - installation and maintenance; developing shop drawings and figuring materials for a job.

APR210L - Plumbing Apprenticeship Code and Test Preparation

Credits - 4 Lecture - 4

This course covers the review of the Uniform Plumbing Code designed to assist the apprentice with various aspects of taking and passing the Oregon Plumbing License exam.

APR211G - LMPE Apprenticeship Safety and Code

Credits - 4 Lecture - 4

This course covers the technical knowledge of the skills required of an LMPE Electrician. Content will cover applied electrical theory, residential and commercial wiring practices, busways, motor fundamental application National Electrical Code.

APR211H - LMPE Apprenticeship Motors and Controls

Credits - 4 Lecture - 4

This course will allow the LMPE Electrical apprentice to understand the technical knowledge of the skills required including motors, generators, controls, and applicable National Electrical Code.

APR211I - LMPE Apprenticeship Fiber Optics

Credits - 4 Lecture - 4

This course covers applied electrical theory, fiber optics, specialty applications, residential and commercial wiring practices, busways, motor fundamentals, and applicable National Electrical Code for electrical installations.

APR211J - LMPE Apprenticeship Math/Test Equipment

Credits - 4 Lecture - 4

This course covers related training for LMPE Electrician apprentice. Content includes trade history, safety and first aid, blueprint reading, commercial and residential calculations, wiring methods, related theory and National Electrical Code.

APR211K - LMPE Apprenticeship Voltage

Credits - 4 Lecture - 4

This course covers a thorough review of the National Electrical Code book. Theory and application of motor controls, solid state fundamentals, special termination, layout, hazardous locations and transformer locations.

APR211L - LMPE Apprenticeship Code and Test Prep

Credits - 4 Lecture - 4

This course covers the review of the National Electrical Code designed to assist the apprentice with various aspects of taking and passing the Oregon State Limited Manufacture Plant Electrical License exam.

APR212G - Inside Electrical Apprenticeship Safety and Code

Credits - 4 Lecture - 4

This course covers the technical knowledge of the skills required of an Inside Wire Electrician. Content will cover applied electrical theory, residential and commercial wiring practices, busways, motor fundamental application National Electrical Code.

APR212H - Inside Electrical Apprenticeship Motors and Controls

Credits - 4 Lecture - 4

This course will allow the apprentice to understand the technical knowledge of the skills required including motors, generators, controls, and applicable National Electrical Code.

APR212I - Inside Electrical Apprenticeship Fiber Optics

Credits - 4 Lecture - 4

This course covers applied electrical theory, fiber optics, specialty applications, residential and commercial wiring practices, busways, motor fundamentals, and applicable National Electrical Code for electrical installations.

APR212J - Inside Electrical Apprenticeship Math/Test Equipment

Credits - 4 Lecture - 4

This course covers related training for Inside Wire Electrician apprentice. Content includes trade history, safety and first aid, blueprint reading, commercial and residential calculations, wiring methods, related theory and National Electrical Code.

APR212K - Inside Electrical Apprenticeship Voltage

Credits - 4 Lecture - 4

This course covers a thorough review of the National Electrical Code book. Theory and application of motor controls, solid state fundamentals, special termination, layout, hazardous locations and transformer locations.

APR212L - Inside Electrical Apprenticeship Code and Test Prep

Credits - 4 Lecture - 4

This course covers the review of the National Electrical Code designed to assist the apprentice with various aspects of taking and passing the Oregon State Electrical License exam.

APR214D - PLC Apprenticeship Operation

Credits - 4 Lecture - 4

This course covers related training for Programmable Logic Controller (PLC) apprentices to study theory and trade practices content focused on automatic control systems, accuracy, errors, pressure measurement and measurement principles.

APR214E - PLC Apprenticeship Troubleshooting

Credits - 4 Lecture - 4

This course covers related training for Programmable Logic Controller (PLC) apprentice to study theory and trade practices with content focused on compensation, temperature measurement, pneumatic principles and control valves, automatic control and troubleshooting the system.

APR214F - PLC Apprenticeship Practical Applications

Credits - 4 Lecture - 4

This course covers related training for Programmable Logic Controller (PLC) apprentices to study theory and trade practices with content focused on calibration, errors, control valves, and special programmable controller functions.

APR215D - LME Apprenticeship Safety and Code

Credits - 4 Lecture - 4

This course covers the technical knowledge of the skills required of an LME Electrician. Content will cover applied electrical Theory, residential and commercial wiring practices, busways, motor fundamental application National Electrical Code.

APR215E - LMPE Apprenticeship Motors and Controls

Credits - 4 Lecture - 4

This course will allow the LME Electrical apprentice to understand the technical knowledge of the skills required including motors, generators, controls, and applicable National Electrical Code.

APR215F - LME Apprenticeship Code and Test Prep

Credits - 4 Lecture - 4

This course covers the review of the National Electrical Code designed to assist the LME Electrical apprentice with various aspects of taking and passing the Oregon State Limited Maintenance Electrical License exam.

APR217A - IMM Apprenticeship Maintenance of Mechanical Drives

Credits - 1 Lecture - 1

This course covers mechanical drive alignment, coupling alignment and includes installation and maintenance of mechanical drives, from chain drives to enclosed gear drives.

APR217B - IMM Apprenticeship Mechanical and Fluid Drive Systems

Credits - 1 Lecture - 1

This course covers further details of drive maintenance, including brakes, clutches, and adjustable-speed drives. APR217B also covers maintenance and troubleshooting of fluid drives and package drive systems.

APR217C - IMM Apprenticeship Bearing & Shaft Seal Maintenance

Credits - 1 Lecture - 1

This course covers industrial drive maintenance, including brakes, clutches, and adjustable-speed drives. APR217C also covers maintenance and troubleshooting of fluid drives and package drive systems for industrial equipment and machinery.

APR217D - IMM Apprenticeship Pump Installation and Maintenance

Credits - 1 Lecture - 1

This course introduces the Industrial Maintenance Mechanic apprentice to basic industrial machinery pumping concepts and the required maintenance of packing and seals. APR217D also covers the maintenance and overhaul of centrifugal and rotary pumps.

APR217E - IMM Apprenticeship Maintenance Pipe Fitting

Credits - 1 Lecture - 1

This course covers components and terminology used in industrial piping systems including measurement and maintenance of threaded, welded and plastic piping systems. APR217E also explains the use of pipefitting accessories, supports, traps, expansion joints, filters and strainers.

APR217F - IMM Apprenticeship Tubing & Hose System Maintenance

Credits - 1 Lecture - 1

This course covers industrial tubing installation and specifications. APR217F explores the procedures used for handling, bending, cutting and installing tubing in an industrial setting.

APR217G - IMM Appr Valve Maintenance & Piping System Protection

Credits - 1 Lecture - 1

This course covers components and terminology used in industrial piping systems including measurement and maintenance of threaded, welded and plastic piping systems. APR 217E also explains the use of pipefitting accessories, supports, traps, expansion joints, filters and strainers.

APR217H - IMM Apprenticeship Force and Motion

Credits - 1 Lecture - 1

This course covers fundamentals of force and motion. APR217H demonstrates how mathematical and graphical representations can help clarify our thinking about mechanical force and motion.

APR217I - IMM Apprenticeship Introduction to Robotics

Credits - 1 Lecture - 1

This course covers the background for a detailed study of robot maintenance. APR217I introduces the apprentice to the basics of robotics, using clear, easy-to-follow language to take the mystery out of robot technology.

APR217J - IMM Apprenticeship Welding Principles

Credits - 1 Lecture - 1

This course covers fundamentals of welding, discusses welding safety considerations and precautions. APR217J also covers oxyfuel and arc welding equipment, welding techniques and symbols.

APR217K - IMM Apprenticeship Oxyfuel Operations

Credits - 1 Lecture - 1

This course covers the welding of ferrous and nonferrous metals. APR217K also introduces the student to oxygen cutting, brazing, soldering, and surfacing techniques.

APR217L - IMM Apprenticeship Arc Welding Operations

Credits - 1 Lecture - 1

This course covers shielded metal arc welding, selecting electrodes for SMAW, gas metal and tungsten arc welding. APR217L also includes preheating and reheating of metals, welding nonferrous metals, pipe welding, hard facing and rebuild welding.

APR217M - IMM Apprenticeship Basic Electricity and Electronics

Credits - 1 Lecture - 1

This course covers a basic nonmathematical approach to understanding principles of electricity. APR217M introduces electron theory, static electricity, electrons in motion, and magnetism, including basic methods of measuring current, voltage, and resistance. The course will introduce the student to circuit components-conductors, insulators, resistors, capacitors and simple Ohm’s Law calculations for DC and AC circuits.

APR217N - IMM Apprenticeship Electrical Safety and Protection

Credits - 1 Lecture - 1

This course examines electrical hazards and stresses the importance of electrical safety when working in an industrial facility. APR217N covers the equipment and procedures necessary to work safely with electricity, including personal protective equipment, lockout/tagout procedures, grounding, fuses, circuit breakers, and motor protection devices and their use.

APR217O - IMM Apprenticeship How Power Plants Work

Credits - 1 Lecture - 1

This course covers the basic steam generation system, how thermal energy is converted into electrical energy, components of the system, and design features for gaining thermal efficiency. APR217O includes handling of water, fuel, and wastes, and the operating features of a power plant.

APR217P - IMM Apprenticeship Introduction to Packaging

Credits - 1 Lecture - 1

This course covers the job of packaging mechanic. It provides detail of the major types of packaging machinery including various mechanical drives, couplings, motors, brakes, variable speed drives, clutches, electrical controls, motor starters, event sequencing controls, and packaging.

APR217Q - IMM Apprenticeship Packaging Machinery

Credits - 1 Lecture - 1

This course covers operating and servicing various types of packaging machinery. APR217Q studies different types of liquid filling machines, positive displacement fillers, filling, sealing machines, as well as volumetric filling machines and blister packaging machines.

APR217R - IMM Apprenticeship Casing Machinery

Credits - 1 Lecture - 1

This course covers the operating characteristics and service techniques of accessory or auxiliary machines used with packaging lines. APR217R examines general operating characteristics of labeling equipment, uncasing, unscrambling, and cleaning machines. The course concludes by introducing the student to gluing equipment and adhesives, wrapping machines, tying, strapping, stitching machines, and shrink wrap devices.

APR217S - IMM Apprenticeship Programmable Logic Controllers

Credits - 1 Lecture - 1

This course covers the basic operating principles of all Programmable Logic Controllers PLCs including; inputs and outputs, programming, maintenance, and networking.

APR217T - IMM Apprenticeship Machine Shop Practices

Credits - 3 Lecture - 3

This course covers the principles of machining, measurement, tool grinding, and machine shop safety. In addition, APR217T covers the major types of lathes and their attachments, safety, maintenance, job preparation and basic lathe operations.

ART Art

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* **ART101 - Introduction to Visual Arts**

Credits - 4 Lecture - 4

Addresses seeing, experiencing, and appreciating the world through architecture, gardens, fountains, and public spaces. Examines how communities express the values, technology, geography, and economic structure of many different cultures in the light of aesthetic, historic, and critical factors.

Term(s) Offered: Fall

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

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* **ART102 - Introduction to Visual Arts**

Credits - 4 Lecture - 4

Addresses painting and sculpture in terms of experiencing, appreciating, and understanding their role in our lives. Art is examined in the light of aesthetic, historic, and critical issues.

Term(s) Offered: Winter

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

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* **ART103 - Introduction to Visual Arts**

Credits - 4 Lecture - 4

Addresses issues relating to design in our daily lives including commercial, industrial, crafts, and product design. Examines how design expresses the values, technology, economy, and taste of our culture in light of aesthetic, historic, and critical factors.

Term(s) Offered: Spring

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

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* **ART115 - Basic Design**

Credits - 4 Lecture - 3 Lecture/Lab - 1

Introduces two dimensional black and white foundations studio experience centered on creative problem solving. Develops perceptual awareness and understanding. Establishes critical skills and personal artistic vision. Investigates a broad range of materials, techniques and projects to explore black and white design concepts with reference to historical and contemporary perspectives. Basic Design series 115, 116, and 117 may be taken in any sequence.

Term(s) Offered: Fall

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* **ART116 - Basic Design**

Credits - 4 Lecture - 3 Lecture/Lab - 1

Introduces color foundations studio experience centered on creative problem solving. Develops perceptual awareness and understanding. Establishes critical skills and personal artistic vision. Investigates a broad range of materials, techniques and projects to explore color design concepts with reference to historical and contemporary perspectives. Basic Design series 115, 116, and 117 may be taken in any sequence.

Term(s) Offered: Winter

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* **ART117 - Basic Design**

Credits - 4 Lecture - 3 Lecture/Lab – 1

Explores ways of seeing and creating work that acknowledges personal artistic intentions. Examines various 2-D, 3-D, and 4-D media and processes used to develop and encourage creative problem solving. Establishes critical skills necessary to evaluate art through critiques, discussions, and artistic presentation. Investigates artistic intent, aesthetic and structural solutions, and perceptual awareness. Basic Design series 115, 116, and 117 may be taken in any sequence.

Term(s) Offered: Spring

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* **ART131 - Beginning Drawing**

Credits - 4 Lecture - 3 Lecture/Lab - 1

Explores basic perceptual drawing techniques and tools as well as the development of the language of drawing in historical and contemporary contexts. Introduces critical skills for sighting, measuring, designing, and constructing in drawing. This is the first course in a three-course sequence, which can be taken in any order.

Term(s) Offered: Fall

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* **ART132 - Beginning Drawing**

Credits - 4 Lecture - 3 Lecture/Lab - 1

Introduces intermediate drawing techniques and tools as well as the development of the language of drawing in historical and contemporary contexts. Promotes critical skills for sighting, measuring, designing, and constructing drawings. This is the second course in a three-course sequence, which can be taken in any order.

Term(s) Offered: Winter

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* **ART133 - Beginning Drawin**g

Credits - 4 Lecture - 3 Lecture/Lab - 1

Builds upon intermediate drawing techniques and tools as well as the development of the language of drawing in historical and contemporary contexts. Applies critical skills for sighting, measuring, designing, and constructing in drawing. This is the third course in a three-course sequence, which can be taken in any order.

Term(s) Offered: Spring

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* **ART154 - Beginning Ceramic Pottery**

Credits - 4 Lecture - 3 Lecture/Lab- 1

Introduction to the materials, methods and techniques of pottery design and construction.

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* **ART184 - Beginning Watercolor**

Credits - 4 Lecture - 3 Lecture/Lab - 1

Methods, materials, composition, and techniques using aqueous media.

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^ **ART198 - Special Studies**

Credits - 1-3

Individualized study in areas not considered in other courses to meet special interest or program requirements.

Recommended preparation: Prior study and instructor approval.

Course is repeatable up to 2 times. (2-6 credits total) Complete a term project approved by the instructor.

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* **ART204 - History of Western Art**

Credits - 4 Lecture - 4

This course is a historical survey of the visual arts in the western world from prehistoric times up to the High Renaissance, including ancient Near East, Egypt, Greece, Rome, Early Christian and Byzantine eras, Romanesque, Gothic, Early and High Renaissance.

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

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* **ART205 - History of Western Art**

Credits - 4 Lecture - 4

This course is a historical survey of the visual arts in the western world (predominantly Europe) from the 16th Century through the 20th Century. It will include the following styles and developments: Mannerism, 16th Century Painting and Printmaking in Northern Europe, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, Dada, Surrealism, Abstract Expressionism and other 20th century developments.

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

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* **ART261 - Beginning Photography**

Credits - 4 Lecture - 3 Lecture/Lab - 1

Black and white photographic processes and techniques; development of camera and darkroom skills; seeing photographically.

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* **ART276 - Beginning Sculpture**

Credits - 4 Lecture - 3 Lecture/Lab - 1

A hands-on introduction to studio sculpture through exploring various styles, techniques, and materials of threedimensional artistic creation. Experiences also include mold making and casting.

Term(s) Offered: Fall

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* **ART281 - Beginning Painting**

Credits - 4 Lecture - 3 Lecture/Lab - 1

A hands-on studio introduction to painting in either oils or acrylic. Exploration in many techniques, styles, and subjects. Includes information on color theory and beginning paint mixing procedures.

Term(s) Offered: Fall

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^ **ART298 - Special Studies**

Credits - 1-3

Advanced, individualized study in areas not considered in other courses to meet special interests or program requirements. Complete a term project approved by the instructor.

BA Business & Leadership

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^ BA101 - Introduction to Business

Credits - 4 Lecture - 4

This course introduces the student to the ever-changing world of business. It will cover the U.S. Business Environment, Business Ethics, Management, Business Organization, Motivating Employees, HR Management, Marketing, and the role of Accountants and Accounting Information in Business.

Term(s) Offered: Fall, Winter

> **BA104 - Business Mathematics**

Credits - 4 Lecture - 4

A study of banking applications, fractions, percentages, payrolls, commissions, trade and cash discounts, markup, simple interest, notes and interest variables, and charges for credit.

Term(s) Offered: Fall, Winter

Prerequisite: MTH 025

> **BA110 - Database/MS Access**

Credits - 3 Lecture - 2 Lecture/Lab - 1

Basic application and utilization of MS Access database software to solve business computing problems. Focus will include designing and building a database, applying queries, creating reports, using forms, and advanced printing.

Recommended preparation: BA 131 and BT 120 - Changed Title

Term(s) Offered: Spring

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^ BA131 - Introduction to Business Computing

Credits - 4 Lecture - 3 Lab - 1

General orientation to computer operations and literacy, along with an insight into the broad impact of computers and their uses in today's society, the fundamentals of using the Microsoft Windows operating system, email, web browsers, word processing, spreadsheets, and databases will be developed through hands-on use in the computer lab.

Recommended preparation: BT 120

Term(s) Offered: Fall, Winter

> **BA177 - Payroll Accounting**

Credits - 4 Lecture - 3 Lecture/Lab - 1

Introduction to personnel and payroll records, including all current federal and state payroll taxes. Provides ample practice in preparation of payroll records by hand and by using a computerized payroll accounting software.

Recommended preparation: Accounting class

Term(s) Offered: Winter

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^ BA198 - Special Studies

Credits - 1-3

Designed to provide interested and capable students with the opportunity to study special topics in business areas.

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^ BA206 - Principles of Management

Credits - 4 Lecture - 4

The Principles of Management course introduces students to management philosophies in today's changing world. It includes globalization, ethics, diversity, customer service, and innovation from a managerial perspective.

Term(s) Offered: Spring

Prerequisite: WR 060 or WR 065

> **BA209 - Accounting Applications/QuickBooks**

Credits - 3 Lecture - 2 Lecture/Lab – 1

The completion of this course will give students an additional skill to take to the business community. The students will develop confidence in recording business transactions using an up-to-date software program designed for small to mid-size businesses. Students will record information that pertains to a service business, including recording transactions, preparing a multitude of reports, closing an accounting period, compiling charts and graphs, and preparing the payroll. Students will also learn to integrate the information with Microsoft Excel and Word Programs.

Recommended preparation: Accounting class with a "C" or better.

Term(s) Offered: Spring

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^ BA211 - Principles of Accounting

Credits - 4 Lecture - 3 Lecture/Lab - 1

An introduction to the field of accounting including: the role of accounting in business, the accounting cycle, the preparation and use of financial statements, analyzing financial statement, principles of internal control, and the components of assets, liabilities and equity.

Term(s) Offered: Fall

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^ BA213 - Principles of Accounting

Credits - 4 Lecture - 3 Lecture/Lab - 1

Introduction to accounting including techniques of account construction, preparation of financial statements, application of accounting principles to practical business problems, and proprietorship studies with emphasis on managerial accounting.

Term(s) Offered: Spring

Prerequisite: BA 211

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^ BA214 - Business Communications

Credits - 4 Lecture - 4

The purpose of this course is to help students develop skills to write clean, concise business correspondence and to enter the job market with knowledge of the appropriate skills. The course will emphasize skills applicable to both the job search and on-the-job skills.

Term(s) Offered: Fall

(BT 121 or typing/word processing skills strongly recommended)

Prerequisite: WR 121Z

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^ BA223 - Principles of Marketing

Credits - 4 Lecture - 4

In this course, students will learn about the marketing process and the range of marketing decisions required for a company to sell products and services. The course explores the factors influencing how marketing decisions are made, including the impact of marketing decisions on an organization and its customers. Students gain a working knowledge of practical marketing and business vocabulary. Additionally, students analyze today's global, highly competitive marketplace and evaluate influences on marketing decisions.

Term(s) Offered: Winter

Prerequisite: WR 060 or WR 099

> BA224 - Human Resources Management

Credits - 3 Lecture - 3

In this course, students will be introduced to human resources management and its role as a central function of any company in strategic planning and talent management. The course explores equal employment opportunity laws, recruitment and selection, training and development, appraising and compensation, and employee rights and safety. Additionally, students will use the knowledge gained each week, along with their personal experiences, to better understand the "real world" of human resources management.

Term(s) Offered: Spring

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^ BA226 - Business Law

Credits - 4 Lecture - 4

This course provides students with a survey of the principal areas of business law. It explores the relationship between business and law with respect to the following topics: torts, crimes, intellectual property, contracts, agency, employment, and forms of business organization. Students also explore the relationship between business and law with respect to ethics and social responsibility, government regulation, personal property, real property, and international trade. Students gain a working knowledge of practical rules of law and legal terminology, as well as legal solutions for business-related issues.

Term(s) Offered: Fall

Prerequisite: WR 060 or WR 065

BA230 - Spreadsheets/MS Excel

Credits - 4 Lecture - 3 Lecture/Lab - 1

The study and application of the Microsoft Excel program used to enter, analyze, and present quantitative data to solve business computing problems. Focus will include developing and editing a workbook, changing and enhancing worksheet formats, using templates, creating formulas and functions, creating charts, analyzing data with pivot tables and what-if analysis tools, and advanced print settings.

Prerequisite: BA131

Term(s) Offered: Winter

> **BA249 - Retail Selling**

Credits - 3 Lecture - 3

In this course, students will be introduced to retail management, strategic planning, situational analysis, and objectives. The course explores store location, merchandising, products, pricing, and the importance of principles and practices that involve financial, operational, and human resource management as they relate to the retail environment. Additionally, students will use the knowledge gained each week, along with their personal experiences, to better understand the “real world” of retail management.

Term(s) Offered: Spring

> **BA277 - Business Ethics**

Credits - 4 Lecture - 4

The purpose of this course is to make the student aware of the ethical issues currently facing people in business and professional environments. This course will provide a background against which the student may evaluate or compare his or her own ethical viewpoint. This course contains weekly class discussions and case analysis projects.

Prerequisite: WR060 or WR065

Term(s) Offered: Spring

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^ BA280 - Cooperative Work Experience

Credits - 1-8

Cooperative Work Experience (CWE) provides a real-world experience in the business work environment. The CWE site should be related to the student’s degree program in order to provide an authentic on-the-job work experience. Students must complete 33 hours of work for each credit. A maximum of 12 credits may be earned and applied towards a degree; the number of CWE credits required varies by degree or certificate program. CWE students may earn both pay and college credit for these work-related activities.

Term(s) Offered: Fall, Winter, Spring

> **BA284 - Pre-Employment Seminar**

Credits - 2 Lecture - 2

This course is designed to assist the student in résumé and cover letter preparation, interviews, application forms, employment searches, and helpful techniques in obtaining, holding, and advancing in a job. Students will assess knowledge, skills, and abilities as they relate to employment. Students will conduct an informational interview.

Term(s) Offered: Winter

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^ **BA285 - Human Relations in Business**

Credits - 3 Lecture - 3

This course is designed for students to develop effective human relations in the workplace. Topics will include achieving a deepened sense of self-awareness, an awareness of others, interpersonal communication skills, motivation, diversity, and organizational politics.

Term(s) Offered: Spring

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^ **BA298 - Special Studies**

Credits - 1-3

Provides interested and capable students the opportunity to study special topics in the field of business.

BT Business & Leadership

> **BT116 - Professional Procedures**

Credits - 4 Lecture - 4

This course will provide an overview of business etiquette, interoffice relations, business customs, routines, tasks and procedures, self-appraisal and careers in the electronic office. The readings, homework, and assignments in this course will focus on knowing yourself, your skills, and what you need to learn. Throughout this course, you will be creating a professional development notebook (about you) and a job notebook (about job tasks).

Term(s) Offered: Fall

> **BT120 - Computer Keyboarding**

Credits - 2 Lecture/Lab - 2

This beginning keyboarding course is designed to engage the student with the QWERTY keyboard using computer software. The major objectives are: 1) to develop mastery of the alphabetic, numeric, and symbol keys using proper keying techniques and 2) to increase speed and accuracy.

Term(s) Offered: Fall

> **BT121 - Document Processing I**

Credits - 4 Lecture - 3 Lecture/Lab - 2

This course is designed for the beginning student. The major objectives of this course are to develop touch control of the keyboard and proper typing techniques, build basic speed and accuracy skills, and provide practice in applying those basic skills to the production of letters, reports, tables, memos, forms, and other kinds of personal, personal-business, and business communications.

Term(s) Offered: Fall

> **BT140 - Business Document Editing**

Credits - 3 Lecture - 2 Lecture/Lab - 1

Review of grammar and proofreading skills needed in preparing business documents using word processing software and equipment.

Term(s) Offered: Winter

> **BT201 – Word Processing/MS Word**

Credits - 3 Lecture – 2 Lecture/Lab – 1

Microsoft Word is a word processing program that makes it easy to create a variety of professional-looking documents, from simple letters and memos to newsletters, research papers, Web pages, and various business documents. This course is designed for the beginning MS Word user. Students will gain the following course objectives through practical lab applications.

Term(s) Offered: Winter

> **BT206 - Desktop Publishing**

Credits - 3 Lecture - 2 Lecture/Lab - 1

Advanced training in the use of word processing software. Various business documents are produced using advanced procedures to do more complex merges, text columns, tables with math, macros and graphics as well as editing and formatting using multiple documents in Windows.

Term(s) Offered: Spring

Previous experience in application software strongly recommended.

> **BT251 - Medical Terminology**

Credits - 3 Lecture - 3

This course is an overview of basic medical terminology. Prefixes, suffixes, word roots, combining forms, special endings, plural forms, abbreviations and symbols are included in the content. A programmed learning, word-building system is used to learn word parts that are used to construct or analyze new terms. Emphasis is placed on spelling, definition, usage, and pronunciation.

Term(s) Offered: Fall, Winter

> **BT252 - Medical Terminology**

Credits - 3 Lecture - 3

This course presents a continued study of medical terminology based on medical word building principles. Prefixes, suffixes, word roots, combining forms, special endings, plural forms, and abbreviations are included in the content. Additionally, anatomy and physiology, pathology, diagnostic, symptomatic and therapeutic terms, diagnostic and lab tests and procedures, surgical procedures, and pharmacology terms are incorporated into the course. Emphasis is placed on correct spelling, definition, usage, and pronunciation.

Term(s) Offered: Winter, Spring

BT256 - Electronic Health Records

Credits - 3 Lecture - 3

The purpose of this course is to introduce the student to the principles of electronic health records with an emphasis on computerized medical billing, health care data collection, storage, retrieval, security arrangement, presentation, and verification. This course will also introduce the components and requirements of the electronic health record. Course is for Administrative Office Professional: Medical Option (AAS) to replace BT253 Medical Transcription, a course that will be moved to inactive.

Term(s) Offered: Fall

> **BT257 - Medical Office Procedures**

Credits - 4 Lecture - 3 Lecture/Lab - 1

This course provides learners with the knowledge and skills necessary for career success in administrative medical assisting.

Term(s) Offered: Fall

> **BT258 - Medical Insurance Procedures and Coding**

Credits - 3 Lecture - 3

This covers medical insurance records management for private health and accident insurance, Medicare, Medicaid, Workers' Compensation. It emphasizes abstracting information from health records for billing and transfer forms.

Term(s) Offered: Spring

Includes use of CPT and ICD-10

Prerequisite: BT 251, BT 252 and WR 060 or Placement score of 63 or over

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BT259 - Medical Billing and Coding

Credits - 4 Lecture - 4

Students will learn how to assign medical codes to provider services in medical facilities using the Current Procedural Terminology manual and patient diagnoses using the International Classification of Diseases manual. Students will abstract information from patient records and combine it with coding guidelines to optimize physician, hospital, and outpatient service payments. Course is for Administrative Office Professional Medical Option (AAS) to replace BT254 Medical Transcription that will be moved to an inactive course.

Term(s) Offered: Winter

> **BT290 – Project Management**

Credits - 3 Lecture - 2 Lecture/Lab - 1

This is a capstone course which will present students with a variety of challenges. Students will complete complex business software projects similar to those in today's technologically advanced workplace. The course includes a simulated office experience for students in a practical application of skills and concepts acquired in business courses. Tasks will integrate the Microsoft Office software, file management, problem solving, decision making, following directions, and teamwork.

Term(s) Offered: Spring

HTM Business & Leadership

> **HTM131 – Customer Service Management I**

Credits – 3 Lecture – 3

This course provides an in-depth study of the methods and techniques employed by the hospitality and tourism industry to accomplish effective and efficient customer service operation. Includes combined discussions of management theory, systems, decision-making, and leadership directly relevant to any profession with emphasis on the hospitality industry. Also covers the business facets of human resource management, finance, ethics, and total quality management with a business environment.

Prerequisite: WR060

Term(s) Offered: Winter

LD Business & Leadership

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^ **LD130 - Building a Team**

Credits - 1 Lecture - 1

This course covers the fundamentals of team building within the business environment in a global society. Topics include: types and roles of teams in today's business world, stages of team development, interpersonal dynamics, group environment, and communication.

Term(s) Offered: Fall

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^ **LD133 - Workplace Culture**

Credits - 1 Lecture - 1

This course is an introduction to the modern work environment. Topics include common courtesies, work ethic, workplace etiquette, and workplace culture.

Term(s) Offered: Fall

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^ **LD150 - Cultivating Self-Care**

Credits - 1 Lecture - 1

This course is designed to help leaders learn the signs of burnout and stress as well as ways to create a functional work-life balance and maintain a healthy lifestyle. Topics include work-life balance, creativity, nutrition, sleep, and social networking

Term(s) Offered: Summer

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^ LD215 - Emotional Intelligence

Credits - 2 Lecture - 2

This course is an introduction to emotional intelligence. Students will assess their level of emotional intelligence and learn how to improve. Topics include killer statements, triggers, building trust, gaining confidence, and building relationships.

Term(s) Offered: Winter

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^ LD225 - Social Intelligence

Credits - 2 Lecture - 2

This course is an introduction to social intelligence. Students will assess their level of social intelligence and learn how to improve. Topics include social dynamics, conflict, non-verbal communication, authenticity, empathy, and trust.

Term(s) Offered: Spring

COM Communication

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^ **COM100Z – Introduction to Communication**

Credits – 4 Lecture – 4

COM100Z is a survey course offering an overview of the communication discipline that emphasizes the development of best communication practices in different contexts.

Recommended preparation: WR060

Term(s) Offered: Fall, Winter, Spring

COM111Z – Public Speaking

Credits – 4 Lecture – 4

COM111Z emphasizes developing communication skills by examining and demonstrating how self-awareness, audience, content, and occasion influence the creation and delivery of speeches and presentations.

Prerequisite: WR060 or Placement, WR115 strongly recommended.

Term(s) Offered: Fall, Winter, Spring

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* **COM112 - Small Group Communication**

Credits - 4 Lecture - 4

Fundamentals of preparation and presentation of oral discourse. Emphasis is on development of skills in group discussions and group problem-solving techniques. Introduction to argumentation.

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

! * **COM115 - Intercultural Communication**

Credits - 4 Lecture - 4

An introductory course that focuses on the impact of culture on the communication process. Emphasis is placed on both understanding cultural diversity and enhancing communication effectiveness in various intercultural contexts.

Term(s) Offered: Fall, Winter, Spring

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

DSL Diesel

> **DSL141 - Heavy Duty Steering and Suspension**

Credits - 4 Lecture - 3 Lab - 1

This course will prepare the student to diagnose and repair problems with manual and power steering components, suspension systems, steerable tag and drop axles. The course will also train students in preventative maintenance practices for steering and suspension systems and for steering and suspension system alignment.

Term(s) Offered: Fall

> **DSL151 - Heavy Duty Brakes I**

Credits - 3 Lecture - 2 Lecture/Lab - 1

Hydraulic, air, and mechanical brake system principles of operation, self-energizing, drum, disc, parking, internal expanding, and external band brakes will be covered. Brake system self-adjusters, electric brakes, brake adjustment and inspection will also be covered. Included in this course will also be engine brakes and retarders.

Term(s) Offered: Spring

> **DSL152 - Manual Drive Trains I**

Credits - 3 Lecture - 2 Lab - 1

Principles and operation of power train components including automotive and industrial applications of clutches, drive lines, and gear transmissions. Transmission of force through the mechanism will be studied in theory and in labs. Detailed maintenance and repair of drive lines, clutches, gear transmissions, and transaxles with an emphasis on problem diagnosis, repair, and replacement.

Term(s) Offered: Winter

> **DSL153 - Manual Drive Trains II**

Credits - 3 Lecture - 2 Lab - 1

A continuation of DSL 152 covering more detailed maintenance and repair of drive lines, differentials, transfer cases, gear transmissions, and transaxles with emphasis on problem diagnosis, repair and replacement, and repair.

Term(s) Offered: Spring

Prerequisite: DSL 152

> **DSL161 - Diesel Engines**

Credits - 4 Lecture - 3 Lab - 1

The course provides up-to-date, interactive training through classroom study, use of Internet Website information, and hands-on experience in the “Virtual Workplace” or lab. The course focuses on the history, theory of operation, and principles of design of the diesel engine.

Term(s) Offered: Winter

> **DSL162 - Engine Repair I**

Credits - 4 Lecture - 3 Lab - 1

This course covers provides up-to-date, interactive training through classroom study, use of Internet Website information, and hands-on experience in the “virtual workplace” or lab, for the troubleshooting, repair, and maintenance of diesel engines. Special focus will be on the performance of the cylinder head, lubrication system, and cooling systems. Students will remove, recondition, and reassemble diesel engines.

Term(s) Offered: Spring

Prerequisite: DSL 161

> **DSL175 - Heavy Duty Equipment**

Credits - 3 Lecture - 2 Lab - 1

This course will focus on off-highway mobile equipment systems. Training will emphasize diagnostics and repair of heavy equipment.

Term(s) Offered: Winter

Prerequisite: DSL 184

> **DSL176 - Mobile Air-Conditioning and Heating**

Credits - 3 Lecture - 2 Lab - 1

This course will introduce the theory of air conditioning and heating systems in mobile equipment. The theory will be followed by diagnostic and repair techniques required by the service technician.

Term(s) Offered: Spring

> **DSL181 - Shop Practices**

Credits - 3 Lecture - 3

This course trains the student in basic shop environment practices, including personal safety. The course also trains student in proper and safe tool use, along with use of fasteners and hardware employed in the field of diesel technology.

Term(s) Offered: Fall

> **DSL184 - Fluid Mechanics**

Credits - 4 Lecture - 3 Lab - 1

This course will introduce the theory and application of fluid mechanics. The course expands upon the theory by troubleshooting and repairing on- and off-highway hydraulic systems.

Term(s) Offered: Fall

> **DSL191 - Electrical Systems I**

Credits - 4 Lecture - 3 Lab - 1

The course provides up-to-date, interactive training through classroom study, use of internet website information, and hands-on experience in the “Virtual Workspace” or lab, for the troubleshooting and repair of electrical circuits and components, a thorough understanding of the operation and use of the electrical multi-meter tester, and provides the basic technical knowledge of the purpose of electron theory, electrical circuits, measurement values, circuit components, circuit tracing and diagnosing, and repair of electrical malfunctions.

Term(s) Offered: Fall

> **DSL192 - Electrical Systems II**

Credits - 4 Lecture - 3 Lab - 1

The course provides up-to-date interactive training through classroom study, use of internet website information, and hands-on experience in the “Virtual Workspace” or lab, for the troubleshooting and repair of electrical circuits and components. As a continuum of the pre-requisite DSL 191, this course will prepare the student to have a thorough understanding of the principles and operation of the electrical circuits and components used in vehicle charging and cranking systems. A thorough understanding of the operation and use of the electrical multi-meter tester will allow the student to learn to measure circuit and component values, trace electrical circuits, and diagnose and repair circuit and component malfunctions. Batteries, cranking/charging systems, and chassis electrical circuits will be studied in detail.

Term(s) Offered: Winter

Prerequisite: DSL 191

> **DSL193 - Electrical Systems III**

Credits - 4 Lecture - 3 Lab – 1

The course provides up-to-date, interactive training through classroom study, use of internet website information, and hands-on experience in the “Virtual Workspace” or lab, for the troubleshooting and repair of electrical circuits and components. As a continuum of the pre-requisite DSL192, this course will prepare the student to have a thorough understanding of the principles and operation of the more complex electronic and electrical circuits and components used in vehicle chassis. A thorough understanding of the operation and use of the electrical multi-meter tester will allow the student to learn to measure circuit and component values, trace electrical circuits, and diagnose and repair circuit and component malfunctions. In addition, chassis electrical and electronic circuits will also be studied in detail.

Term(s) Offered: Spring

Prerequisite: DSL 192

> **DSL196 - Electronic Diagnostics and Engine Emissions**

Credits - 3 Lecture - 2 Lab - 1

This course is designed to introduce the student to the use of electronic control systems in on and off road vehicles. It details subjects from basic electrical wiring and connections to more detailed electronic troubleshooting tools and how engine performance and injection timing can result in non-compliant exhaust emissions. Students will receive hands-on training in the lab setting learning to use ESTs, and proper troubleshooting techniques.

Term(s) Offered: Winter

Prerequisite: DSL 193

> **DSL200 - Pre-Employment Seminar**

Credits - 1 Lecture - 1

This course is designed assist students seeking employment. Job-hunting techniques, interviewing skills, and the study of job-related responsibilities and problems while advancing in a chosen career are among the major topics covered.

Term(s) Offered: Spring

> **DSL251 - Heavy Duty Brakes II**

Credits - 3 Lecture - 2 Lecture/Lab - 2

Principles of compressed air, air brake component identification and operation, and air brake valve troubleshooting and service will be covered. This course also includes other heavy duty brake systems for trucks, tractors and heavy equipment; and complete brake jobs, including inspection and service.

Term(s) Offered: Fall

Prerequisite: DSL 151

> **DSL262 - Engine Repair II**

Credits - 4 Lecture - 3 Lab - 1

This course covers provides up-to-date, interactive training through classroom study, use of internet website information, and hands-on experience in the “virtual workplace” or lab, for the troubleshooting, repair, and maintenance of diesel engines. Areas of focus include intake and exhaust systems, turbochargers, engine brakes, and the fuel subsystem.

Term(s) Offered: Fall

Prerequisite: DSL 162

DSL263 - Advanced Engine Technology

Credits - 4 Lecture - 3 Lab - 1

This course covers provides up-to-date, interactive training through classroom study, use of internet website information, and hands-on experience in the “virtual workplace” or lab, of the advanced diagnostics of diesel engines. The class will focus on testing engines after rebuild; the operation, testing, and repair of injection pumps and governors; troubleshooting typical engine and fuel-system failures; and the operation and adjustment of a Cummins Pressure-Time system.

Term(s) Offered: Winter

Prerequisite: DSL 262

> **DSL275 - Heavy Duty Equipment II**

Credits - 3 Lecture - 2 Lab - 1

This course will focus on off -highway mobile equipment. Training will emphasize diagnostics and repair of powertrain systems.

Term(s) Offered: Spring

Prerequisite: DSL 175

> **DSL280 - Cooperative Work Experience**

Credits - 1-8

Provides a supervised work experience in diesel mechanics which supplements the “school experience” that is not possible in the normal academic classroom environment.

Term(s) Offered: Winter, Spring

ECE Early Childhood Education

> **ECE100 - Developmentally Appropriate Practice in Early Childhood Ed**

Credits - 3 Lecture - 3

This course covers an overview of developmentally appropriate practice in Early Childhood Programs. Students will become familiar with the standard of care in early childhood education as delineated by the National Association for the Education of Young Children and outlined in the text, Developmentally Appropriate Practice in Early Childhood Programs.

Term(s) Offered: Winter

> **ECE101 - Family and Community Relations**

Credits - 3 Lecture - 3

This course provides the knowledge and skills necessary to work effectively with families and community professionals in early childhood education. Topics to be covered include family involvement, communicating with families and professionalism in early childhood education.

WR 115 Recommended.

Term(s) Offered: Fall

> **ECE109 - Foundations and Careers in Early Childhood**

Credits - 3 Lecture - 3

This course introduces the student to the history, philosophy, and social development of early childhood education and is designed to assist students in identifying potential local, state, and federal career opportunities in early childhood education, including child care, education, social work and health care specialties. Students will become familiar with the educational requirements, lifestyle considerations, application processes, testing, screening, training, and certification requirements of employment in the fi eld of early childhood. Students will solidify their academic plan and prepare a personal career plan based on their goals.

Term(s) Offered: Fall, Spring

> **ECE111 - Introduction to ECE Environments**

Credits - 3 Lecture - 3

This course covers the different types of early childhood education programs and the regulations that govern each. Emphasis is on design of early learning environments that support growth and development in all domains of learning: social-emotional, intellectual, and physical. Students will evaluate existing early learning settings and suggest adaptations. Students will apply principles of developmentally appropriate practice to the evaluation and design of early learning environments.

Term(s) Offered: Winter

> **ECE112 - Introduction to Early Childhood Education/Professionalism**

Credits - 1 Lab - 1

This course provides students with an opportunity to explore the field of Early Childhood Education through a hands-on, application-oriented experience in an approved Early Care and Education Setting under the supervision of career professionals. Student will also have the opportunity to complete Career-Related Learning Experiences (CRLE), required for graduation from Oregon's high schools.

> **ECE150 – Observation / Assessment and Recording**

Credits - 3 Lecture - 3

Students will develop skills necessary to observe, assess and record young children's behavior. Students will gain experience with a variety of observation and recording tools. Focus is on the importance of objective record keeping in relationship to the on-going monitoring of children's development.

WR 115 Recommended.

Term(s) Offered: Winter

> **ECE151 - Guidance and Classroom Management**

Credits - 3 Lecture - 3

This introductory course to guidance for young children, ages birth through eight, presents a positive child guidance approach based on principles of developmentally appropriate practice in early care and education, as outlined by the National Association for the Education of Young Children. Students will be provided with research-based, philosophically sound knowledge, research, practices, and strategies that contribute positively to the emotional and social development of the young child.

Term(s) Offered: Spring

> **ECE152 - Creativity for Young Children**

Credits - 3 Lecture - 3

This course focuses on understanding and implementing developmentally appropriate practices for the young child. Students will gain hands-on experience in multiple creative activities that are age appropriate, individually appropriate and culturally appropriate.

Term(s) Offered: Spring

> **ECE153 - Music and Movement**

Credits - 3 Lecture - 3

This class provides a foundation for understanding the role of music and movement in the development of young children. Students will have the opportunity to integrate knowledge and experience culminating in a personal collection of developmentally appropriate music and movement activities for young children.

Term(s) Offered: Spring

> **ECE154 - Literature and Literacy**

Credits - 3 Lecture - 3

This course surveys and presents methods for using and evaluating children's literature. Students will also gain knowledge about the relationship between language development and emergent literacy.

Term(s) Offered: Spring

> **ECE175A - Infant/Toddler Caregiving: Social Emotional Growth**

Credits - 1 Lecture - 1

This course presents healthy social emotional development in infancy as the underpinning for all other learning and that social emotional development is dependent on the child's close relationship with respectful, caring adults. Also discussed is the importance of understanding temperament, emotions, environmental impact and care giving responsiveness to the child's needs. Students are presented information to promote awareness of their own feelings, expectations and attitudes brought with them from past experiences to the field of early childhood education. Students will examine the relationship between social emotional care giving and services provided to families.

Term(s) Offered: Spring

> **ECE175B - Infant/Toddler Caregiving: Group Care**

Credits - 1 Lecture - 1

This course helps students to understand how to develop intimacy between infants and others in a group. Students will discuss barriers, as well as discover strategies for providing appropriate care. Respectful routine care in a child's daily life is fundamental to developing intimate relationships. Students will evaluate health and safety issues, daily routine care and consider environment, space and child care ratios as important aspects of group care.

Term(s) Offered: Spring

> **ECE175C - Infant/Toddler Caregiving: Learning and Development**

Credits - 1 Lecture - 1

This course presents a non-traditional view of how infants and toddlers develop. Students will discover the importance of infants and toddlers having the freedom to make learning choices and to experience the world on their own terms. Facilitation of natural interests and urges to learn dominate the course content with specific information based on understanding learning schemes, developmental stages and support for learning.

Term(s) Offered: Spring

> **ECE175D - Infant/Toddler Caregiving: Culture, Family and Provider**

Credits - 1 Lecture - 1

This course challenges students to articulate their philosophy of infant/ toddler care and the caregiverparent relationship so that they can develop stronger partnerships and facilitate communication with parents. Considerations for how participants can encourage families to participate in their child's care will be discussed and strategies for working with difficult situations explored. The course will also examine common challenges in conducting a child care business to include defining business relationships and arrangements. Family issues around separation, accepting diversity, culture and routine care and culture and child development will be analyzed and practical solutions explored.

Term(s) Offered: Spring

> **ECE198 - Special Studies**

Credits - 1-3

Designed to provide interested and capable students with the opportunity to study special topics in the Early Childhood Education program.

> **ECE220 - Science and Nature with Young Children**

Credits - 3 Lecture - 3

This class provides a thorough study of theory, design and implementation of science curriculum in early childhood settings, with an emphasis on integrating developmentally appropriate nature studies across the curriculum, both indoors and outdoors.

Term(s) Offered: Fall

> **ECE225 - Prenatal, Infant and Toddler Development**

Credits - 3 Lecture - 3

This course covers child development from prebirth through 36 months of age. A relationship-based model is used as a framework for understanding how infants and toddler grow and learn with the support of their families and teachers. Focus is on major developmental theories, stages of development including brain and language development, and appropriate behavioral expectations.

WR 115 recommended

Term(s) Offered: Fall

> **ECE226 - Child Development**

Credits - 3 Lecture - 3

This course covers child development from birth through age eight. Focus is on major developmental theories, stages of development and appropriate behavioral expectations. This course is the foundation for the Early Childhood Education program.

Term(s) Offered: Winter

> **ECE228 - Responsive Infant Toddler Programs**

Credits - 3 Lecture - 3

This course takes the infant toddler professional into the world of responsive program planning that happens day to day the relationship way. Focus is on the application of major developmental theories, stages of development including brain and language development, and appropriate behavioral expectations.

WR 115 recommended

Term(s) Offered: Spring

Prerequisite: ECE 225

ECE230 – Mathematics and the Young Child

Credits – 3 Lecture – 3

This course focuses on early mathematical content and concepts that are relevant to young children during the first five years of life. The course is designed to teach students effective strategies to recognize and promote mathematical development and learning through a variety of assignments, including direct interactions with young children. Upon completion of the course, students will be able to identify opportunities for mathematics learning throughout the curriculum, observe and assess young children's developing mathematical knowledge, plan experiences that focus on specific math concepts, and use a variety of strategies and materials to promote children's interest and abilities in mathematics.

> **ECE240 - Curriculum/Planning**

Credits - 3 Lecture - 3

This course focuses on designing curriculum for the young child using the principles of developmentally appropriate practice and constructive learning theory. Students will apply the components of constructivism to the design of early childhood curriculum. Application of theory to practice is emphasized.

Term(s) Offered: Spring

> **ECE245 - Challenging Behavior in Young Children**

Credits - 3 Lecture - 3

This course addresses challenging behavior in young children. Students will explore the causes of and the risk factors associated with challenging behavior. Students will develop knowledge and skills which will allow them to understand, prevent, and respond effectively to challenging behavior.

Term(s) Offered: Winter

Prerequisite: ECE 151

> **ECE249 - Inclusion of Children with Special Needs**

Credits - 3 Lecture - 3

The emphasis of this course is on strategies and adaptations for including children with special needs in the early childhood setting. Current resources and best practices for educating children with diverse abilities, limited English proficiency, different socioeconomic and/ or cultural backgrounds and other special needs will be explored.

WR 115 Recommended.

Term(s) Offered: Spring

> **ECE280 - Cooperative Work Experience**

Credits - 1-8

The purpose of cooperative work experience is to provide students with an opportunity to gain volunteer experience with young children in an early childhood setting. Students participating in cooperative work experience with young children must successfully complete a criminal history background check. Cooperative work experience may include one-to-one or small group instructional assisting.

Term(s) Offered: Fall, Winter, Spring

> **ECE295 - Child Care Administration**

Credits - 3 Lecture - 3

An exploration of administrative roles and responsibility in child care centers. Topics include philosophy, finances, personnel, legal regulation and program planning.

Term(s) Offered: Winter

> **ECE296 - Issues and Trends**

Credits - 3 Lecture - 3

This course explores the status of early childhood education. The purpose is to assist students in becoming knowledgeable professionals. Topics may include: inclusion, professionalism, teaching methods, brain research, teenage parents and working parents.

Term(s) Offered: Spring

ED Education

ED101 – Introduction to Education Seminar and Practicum

Credits – 4 Lecture – 4

This course examines teaching as a profession. It provides opportunities for direct experience with, and analysis of educational settings. Students will explore current issues in education and characteristics of effective schools.

Prerequisite: Wr060 or Placement

ED115 - Introduction to Education: Oregon Teacher Pathway

Credits - 4 Lecture - 4

The purpose of this course is to offer first year community college students the opportunity to explore the fi eld of teaching and investigate educational inequalities. Participants will critically examine topics related to schools and communities at the local, state, and national levels through the analysis of current issues affecting the academic performance of cultural, ethnic, and linguistic minority students. The exploration of multiple perspectives will provide students with the opportunity to study ethnic and cultural diversity in U.S. schools and increase self-awareness regarding the impact of teachers on student success. Further, the course aims to introduce students to the field of teaching and provide them with the foundational information necessary to pursue higher education. Course participants will conduct research, explore current events, and participate in critical discussions about the teaching profession.

> **ED169 – Overview of Students with Special Needs**

Credits – 4 Lecture – 4

Provides an introduction to the categories of disability described in the Individuals with Disabilities Act (IDEA). Topics include definitions under federal law, implications in school settings, and intervention strategies to meet students' special needs.

Term(s) Offered: Spring

Required in Paraeducator Certificate and AAS degree.

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^ **ED216 – Foundations of Education**

Credits – 4 Lecture – 4

This course provides an overview of the American Education System, including historical, legal, and philosophical foundations. Students will explore the governance of local schools and districts and will consider the roles and ethical obligations of professional educators.

Prerequisite: WR115 or Placement

Term(s) Offered: Winter, Spring

Required as elective for EOU AAOT transfer degree. See advisor.

ED253 – Learning Across the Lifespan

Credits – 4 Lecture – 4

This course explores how learning occurs at all ages from early childhood through adulthood, major and emerging learning theories, individual learning styles including one's own learning styles, self-reflection on implications of how learning occurs, and the impact of these issues on the development and delivery of instruction.

Prerequisite: WR115 or Placement

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^ **ED258 – Culturally Responsive Teaching and Learning in the Classroom**

Credits – 4 Lecture – 4

This course provides an overview of the American Education System, including historical, legal, and philosophical foundations. Students will explore the governance of local schools and districts and will consider the roles and ethical obligations of professional educations.

Term(s) Offered: Fall, Spring

Required as elective for EOU AAOT transfer degree. See advisor.

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^ **ED280 - Cooperative Work Experience**

Credits - 1-8

The purpose of this education practicum experience is to give first and second year education majors an opportunity to gain volunteer experience with age-appropriate children in an educational setting. Students participating in this practicum must successfully complete a criminal history verification check. Practicum situation may include one-to-one or small group tutoring in reading, math, or other areas in a classroom setting.

Term(s) Offered: Fall, Winter, Spring

Required as elective for EOU AAOT transfer degree. See advisor.

> **ED298 - Special Studies**

Credits - 1-3

This course is designed to accommodate a variety of content and subject areas related to education in the K-12 schools. Coursework will be specific to teaching and learning related activities and strategies. These topics may include, but are not limited to, teaching techniques, instructional technology, human relations, communication, and non-instructional support skills. Most of these courses will be taught in a workshop/conference environment in which students choose topics and issues that are relevant to their specific job responsibilities or are of specific interest to them.

EMT EMT/Fire Science

> **EMT115 - Crisis Intervention**

Credits - 3 Lecture - 3

Provides a theoretical background for understanding crisis intervention and offers an arena to experience a variety of crisis management styles. Assists the emergency service worker or healthcare provider to evaluate their emotional reactions and methods of coping in order to stay healthy on the job.

Term(s) Offered: Spring

> **EMT151 - Emergency Medical Technician Part A**

Credits - 6 Lecture - 5 Lecture/Lab – 1

This course is designed to instruct a student to the level of Emergency Medical Technician. EMT151 covers the National Standard Curriculum. The EMT is a vital link in the chain of the health care team.

Term(s) Offered: Fall

Prerequisite: MTH025 or Placement and WR060/WR099 or Placement

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> **EMT176 - Emergency Response Patient Transportation**

Credits - 2 Lecture - 1 Lab - 1

Covers ambulance operations, laws, maintenance and safety, emergency response driving and route planning.

Term(s) Offered: Winter

> **EMT177 - Emergency Response Communication//Documentation**

Credits - 2 Lecture - 2

Covers principles of therapeutic communication, verbal, written, and electronic communications in the provision of EMS, documentation of elements of patient assessment, care and transport, communication systems, radio types, reports, codes and correct techniques.

WR121Z or higher recommended

Term(s) Offered: Fall

ES EMT/Fire Science

> **ES169 - Emergency Service Rescue**

Credits - 3 Lecture – 2 Lecture/Lab - 1

Presents technical information on various rescue situations. Covers tools and equipment, ropes and knots, trench rescue, shoring, warehouse searches, outdoor searches, rescue in situations involving elevation differences, package patients, water and ice rescues, and vehicle extrication.

> **ES175 - Introduction to Emergency Services**

Credits - 4 Lecture - 4

Intro to EMS explores the philosophy and history of emergency services. Presents the history of loss of life and property in fire, major medical emergencies, and natural disasters. Covers the responsibility of emergency services in a community, the roles and responsibilities of a paramedic and firefighter, an overview of the ICS system, and the organization and function of emergency services and allied organizations, education and certification. Includes sources of professional literature, awareness and identification of hazardous materials, emergency services apparatus, fire behavior, detection and protection systems, cultural diversity, harassment in the workplace, survey of professional career opportunities and requirements, and development of a resume.

FS EMT/Fire Science

> **FS110A – Fire Fighter Skills Academy part A**

Credits – 3 Lecture – 2 Lab – 1

This course provides the components of classroom study, drill hands-on skills practice, and training evolutions that will prepare the firefighter to perform most fireground functions under the supervision of an experienced firefighter.

Recommended Preparation: WR115, applied skills. Must qualify within a limited-entry program.

Corequisite: ES175

Students successfully complete both parts of the FF-I Skills Academy will be eligible for Oregon DPSST FF-I certification.

Meets requirements of NFPA 1001.

> **FS110B – Fire Fighter Skills Academy part B**

Credits – 3 Lecture – 2 Lab – 1

This course provides the components of classroom study, drill hands-on skills practice, and training evolutions that will prepare the firefighter to perform most fireground functions under the supervision of an experienced firefighter.

Recommended Preparation: WR115, applied skills. Must qualify within a limited-entry program.

Corequisite: ES175 and FS110A

Students successfully complete both parts of the FF-I Skills Academy will be eligible for Oregon DPSST FF-I certification.

Meets requirements of NFPA 1001.

> **FS112 – Firefighter II Skills Academy**

Credits – 4 Lecture – 4

This course covers tools, procedures, techniques and safety precautions utilized by firefighters, during fire ground operations. Includes comprehensive training in firefighting skills related to fire company evolutions. Involves transfer of knowledge obtained from classroom instruction to drill ground application, during hands-on live fire training. Equipment and procedures learned in FF Skills are utilized in an operational format. Students function as a firefighter, apparatus operator, company officer, and training officer during drill activities. Fire fighting skills applied during weekly drill activities.

Prerequisite: FS110A and FS110B

> **FS121 - Fire Behavior & Combustion**

Credits - 3 Lecture - 3

This course explores the theories and fundamentals of how and why fires start, spread, and are controlled.

Recommended Preparation: WR 115 and applied skills.

Qualify within a limited entry program

Prerequisite: ES 175 and FS 110B

> **FS122 - Fundamentals of Fire Prevention**

Credits - 3 Lecture - 3

This course provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use and application of codes and standards, plans review, fire inspections, fire and safety education, and fire investigation.

Recommended Preparation: WR 115, applied skills

Prerequisite: FS 121

> **FS123 - Hazardous Materials - Awareness/Operation**

Credits - 2 Lecture - 2

This course provides basic chemistry relating to the categories of hazardous materials including recognition, identification, reactivity, and health hazards encountered by emergency services. Second phase of the course provides an overall operation level implementation of a planned response on control and confinement.

Recommended Preparation: WR 115, applied skills.

This course is accredited through IFS AC, and meets requirements for NFPA standard 472. Qualify within a limited entry program.

Prerequisite: FS 110B

> **FS130 - Wildland Firefighter**

Credits - 2 Lecture - 1 Lab - 1

This course, developed by the National Wildfire Coordinating Group (NWCG), provides the foundational skills for entry level wildland firefighters, including the primary factors affecting the start and spread of wildfire and recognition of potentially hazardous situations. Covers situational awareness, communication responsibility, attitude and stress barriers, decision-making processes and team work principles along with risk management process and introduction to the incident command system for ground cover fire suppression.

Recommended Preparation: WR 115. applied skills. Eligibility for certification by NWCG as Wildland FF type II, and Wildland FF type I.

This is a NIMS compliant course (S-130/190, I-100, L-180, S-131/133).

> **FS137 - Fire Protection Systems**

Credits - 3 Lecture - 3

This course provides information relating to the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, water supply for fire protection and portable fire extinguishers.

Recommended Preparation: WR 115. applied skills.

Prerequisite: FS 110B

> **FS166 - Building Construction for Fire Prevention**

Credits - 3 Lecture - 3

This course provides the components of building construction related to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at emergencies.

Recommended Preparation: WR 115, applied skills.

Qualify within a limited entry program

Prerequisite: FS 110B

> **FS169 - Apparatus Operator/Driver**

Credits - 4 Lecture -3 Lecture/Lab - 1

This course covers practical procedures, techniques and safety precautions used while operating fire apparatus. Includes fire apparatus inspection and preventative maintenance, driving laws and policies, specific to the apparatus operator maneuver a vehicle, and apparatus positioning.

Recommended Preparation: WR 115, applied skills.

Prerequisite: WR115

Qualify within a limited entry program. Students will be prepared to meet National Fire Protection Association1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications.

> **FS170 - Intro to Fire Tactics & Strategies**

Credits - 3 Lecture - 3

This course provides the principles of fireground control through utilization of equipment and extinguishing agents, the different roles and responsibilities of personnel and communication, the difference in how building construction effects fire behavior factors, and how to conduct fire pre-incident planning.

Recommended Preparation: WR 115, applied skills.

Qualify within a limited entry program.

Prerequisite: FS 110B

> **FS212 - Fire Investigation**

Credits - 3 Lecture - 3

This course is intended to provide the student with the fundamentals and technical knowledge needed for proper fire scene interpretations, including recognizing and conducting origin and cause, preservation of evidence and documentation, scene security, motives of the fire setter, and types of fire causes.

Recommended Preparation: WR 115. applied skills.

Qualify within a limited entry program.

Prerequisite: FS 166

> **FS214 - Principles of Fire & Emergency Services Safety & Survival**

Credits - 3 Lecture - 3

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services.

Recommended Preparation: WR 115, applied skills.

Qualify within a limited entry program

Prerequisite: FS 169

> **FS240 - Emergency Services Instructor I**

Credits - 3 Lecture - 2 Lab - 1

This course prepares emergency services personnel to deliver a training class from a prepared lesson plan. Topics include adult learning theory and how it applies to emergency service training and the use of instructional methods to engage the student in the learning process.

Recommended Preparation: WR 115, applied skills.

Qualify within a limited entry program

Prerequisite: COM111Z and FS112

> **FS274 - Intro to Fire & Emergency Administration**

Credits - 3 Lecture - 3

This course introduces the student to the organization and management of a fire and emergency services department and the relationship of government agencies to the fire service. Emphasis is placed on fire and emergency service, ethics, and leadership from the perspective of the company officer.

Recommended Preparation: WR 115, applied skills.

Qualify within a limited entry program

> **FS280 - Cooperative Work Experience**

Credits - 1-8

The purpose of this practicum experience is to give the students an opportunity to gain real life education and mentoring from experienced firefighters, in both daily operation and emergencies.

Recommended Preparation: WR 115, applied skills.

Qualify within a limited entry program

Prerequisite: FS 110B, FS 169

DRF Engineering Technologies

DRF113 - Advanced Computer Aided Drafting

Credits - 3 Lecture/Lab - 3

Advanced CAD applications utilizing reference files, symbols/cell libraries and work space setup in the development of drawings for civil structural purposes and building projects including buildings, bridges, site plans, subdivisions and highway design projects using the Microstation software.

Prerequisite: DRF 112

DRF243 - Industrial Drafting

Credits - 4 Lecture - 2 Lab - 2

Students will create wiring diagrams, schematics and logic diagrams, printed circuit board designs, enclosure drawings, and other industrial drawings using industry standard notation and formatting.

Prerequisite: DRF 112

ET Engineering Technologies

> **ET114 - Introduction to Geographic Information Systems**

Credits - 4 Lecture – 3 Lab - 1

An introduction to the fundamentals of geographic information systems (GIS) including a brief history of automated mapping, and basic cartographic principles including map scales/ coordinate systems/map projections. Hands on use of computer-based ESRI Software will introduce the concepts of layering data from multiple sources into a coherent system.

Applicable to geography, sciences, agriculture, business, and engineering uses.

ENG English

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* **ENG104 - Introduction to Literature**

Credits - 4 Lecture - 4

A course concentrating on the study of fiction through analysis of short stories and/or novels drawn from American, English, Continental, and other literature.

Recommended preparation: WR 121Z

Term(s) Offered: Fall

Prerequisite: WR 115 or Placement

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* **ENG105 - Introduction to Literature**

Credits - 4 Lecture - 4

A course emphasizing the study and analysis of drama from classical times to the modern period with concentration on the principal types of drama such as comedy and tragedy.

Recommended preparation: WR121Z

Term(s) Offered: Winter

Prerequisite: WR 115 or Placement

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* **ENG106 - Introduction to Literature**

Credits - 4 Lecture - 4

A course focusing on the study of poetry, primarily lyric, drawn from American, English, Continental, and other literatures. Elements such as form, texture, and sensuous appeal are explored in close analysis of the poems.

Recommended preparation: WR 121Z

Term(s) Offered: Spring

Prerequisite: WR 115 or Placement

! * **ENG107 - World Literature**

Credits - 4 Lecture - 4

This course focuses on great works of the ancient world in a variety of forms including: verse, drama, fiction, and nonfiction. Reading and discussion may focus on the literary traditions of the ancient Middle East, Greece, Rome, India, and China.

Recommended preparation: WR 121Z

Prerequisite: WR 115 or Placement

! * **ENG108 - World Literature**

Credits - 4 Lecture - 4

This course focuses on great works from roughly 400CE to 1600CE in a variety of forms including: verse, drama, fiction, and non-fiction. Reading and discussion may focus on the literary traditions of Western Europe, Africa and Asia.

Recommended preparation: WR 121Z

Term(s) Offered: Winter

Prerequisite: WR 115 or Placement

! * **ENG109 - World Literature**

Credits - 4 Lecture - 4

This course focuses on great works of the modern world in a variety of forms including: verse, drama, fiction, and nonfiction. Reading and discussion may focus on the literary traditions of Latin America, the Middle-East and Africa, as well as Europe.

Recommended preparation: WR 121Z

Term(s) Offered: Fall

Prerequisite: WR 115 or Placement

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^ **ENG198 - Special Studies**

Credits - 1-3

This course is designed to provide interested and capable students special topics in English.

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* **ENG202 - Shakespeare**

Credits - 4 Lecture - 4

A survey of Shakespeare's middle period. Students read plays of various genres, but class emphasis falls on historical plays with discussion of Shakespeare's developing view of man, society and government.

Recommended preparation: WR 121Z

Term(s) Offered: Winter

Prerequisite: WR 115 or Placement

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* **ENG204 - Survey of English Literature**

Credits - 4 Lecture - 4

This course is a study of the principal works of English literature. Students concentrate on Anglo-Saxon and Medieval literature in the first term and become familiar with literary traditions through reading, lecture, discussion and film.

Recommended preparation: WR 121Z

Term(s) Offered: Fall

Prerequisite: WR 115 or Placement

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* **ENG205 - Survey of English Literature**

Credits - 4 Lecture - 4

The second term of this survey focuses on Renaissance and Eighteenth-Century English literature. Students read and discuss major authors, including Shakespeare, Milton, Swift and Pope.

Recommended preparation: WR 121Z

Prerequisite: WR 115 or Placement

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* **ENG206 - Survey of English Literature**

Credits - 4 Lecture - 4

The third term of this survey sequence focuses on Modern English Literature. The authors are representative rather than inclusive.

Recommended preparation: WR 121Z

Prerequisite: WR 115 or Placement

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^ **ENG240 - Native American Literature**

Credits - 3 Lecture - 3

A discussion seminar designed to introduce the student to the emergence of literature being written by members of the first nations of North America, and the connection of that contemporary literature to the oral literature of myth, story, lyric and ritual poetry and oratory.

Recommended preparation: WR 121Z

! * **ENG253 - Survey of American Literature**

Credits - 4 Lecture - 4

The first of a three-part sequence, this course is a discussion seminar that surveys a multicultural representation of American literary works and major writers from pre-European contact to the Civil War. Or emphasis may be on genre, with the first term focusing on American fiction.

Recommended preparation: WR 121Z

Prerequisite: WR 115 or Placement

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* **ENG254 - Survey of American Literature**

Credits - 4 Lecture - 4

The second of a three-part sequence, this course is a discussion seminar that surveys a multicultural representation of American authors and literary works from the Civil War to World War II. Or emphasis may be on genre, second term focusing on American drama.

Recommended preparation: WR 121Z

Prerequisite: WR 115 or Placement

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* **ENG255 - Survey of American Literature**

Credits - 4 Lecture - 4

The last of a three-part sequence, this course is a discussion seminar that considers a multicultural representation of major American writers and literary works from World War II to the present. Or emphasis may be on genre, with the third term focusing on American poetry.

Recommended preparation: WR 121Z

Prerequisite: WR 115 or Placement

! * **ENG260 - Introduction to Women Writers**

Credits - 4 Lecture - 4

An examination of writing by women. Students read a variety of fiction and nonfiction forms by women from various places and periods. Genres may include poetry, folksongs, diary and journal entries, fiction and drama, and non-fiction.

Prerequisite: WR 115 or Placement

PHL English

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^ * **PHL101 - Introduction to Philosophy**

Credits - 4 Lecture - 4

Introduces the student to major issues in philosophy, a historical overview and subgenres of the philosophical tradition.

Recommended preparation: WR 121Z

Term(s) Offered: Fall

Prerequisite: WR 115 or Placement

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^ * **PHL102 - Introduction to Ethics**

Credits - 4 Lecture - 4

This course is a general introduction to ethical theory and practice covering normative ethics, meta-ethics, and applied ethics.

Recommended preparation: WR 121Z

Term(s) Offered: Winter

Prerequisite: WR 115 or Placement

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^ * **PHL103 - Critical Thinking**

Credits - 4 Lecture - 4

In this course students develop thinking and reasoning skills required for the critical assessment of information. This course focuses on practical methods applied to case studies from sources such as editorials, essays, propaganda, advertisements, and newspaper reports. This course is considered an Art & Letters course.

Prerequisite: WR115 or Placement

Term(s) Offered: Spring

WR English

WR060 - Elements of the Essay

Credits - 4 Lecture - 4

WR060 introduces students to the academic essay, moving from developing clear, paragraphs to composing and revising the academic essay. Students will develop confidence in their writing and practice critical thinking. Students read texts of varying lengths, showing each stage of the writing process. Grammar skills will be developed through more rigorous instruction.

Term(s) Offered: Fall, Winter, Spring

WR065 - Introduction to Technical Writing

Credits - 3 Lecture - 3

Introduces students to the basic elements of expository technical writing. Students will move from short, paragraph length technical works to multi-paragraph documents. Additional attention is directed toward integrating graphics into the writing, presenting the material orally and creating job search documents.

Term(s) Offered: Fall, Winter, Spring

WR099 – Writing Workshop

Credits – 1 Lecture – 1

This one-credit class offers students enrolled in a designated developmental writing course an opportunity to apply skills learned in class in a structured, interactive environment.

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^ WR115 - Introduction to College Writing

Credits - 4 Lecture - 4

This course introduces college-level critical inquiry in academic reading and writing. Students will work on developing their ability to read critically and write college-level essays in a variety of different writing contexts and situations. Emphasis is on learning to use the conventions of written language appropriately and skillfully for different purposes and to experience and use writing as a recursive, social, and collaborative process.

Term(s) Offered: Fall, Winter, Spring

Prerequisite: WR 060 or WR 099 or Placement

WR121Z - English Composition

Credits - 4 Lecture - 4

WR121Z engages students in the study and practice of critical thinking, reading, and writing. This course focuses on analyzing and composing across varied rhetorical situations and in multiple genres. Students will apply key rhetorical concepts flexibly and collaboratively throughout their writing and inquiry processes.

Term(s) Offered: Fall, Winter, Spring

Prerequisite: WR 115 or Placement

WR122Z - English Composition II

Credits - 4 Lecture - 4

WR122Z builds on concepts and processes emphasized in WR121Z, engaging with inquiry, research, and argumentation in support of students' development as writers. The course focuses on composing and revising in research-based genres through the intentional use of rhetorical strategies. Students will find, evaluate, and interpret complex material, including lived experience; use this to frame and pursue their own research questions; and integrate material purposefully into their own compositions.

Term(s) Offered: Fall, Winter, Spring

Prerequisite: WR 121Z

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^ WR198 - Special Studies

Credits - 1-3

Designed to provide interested and capable students with the opportunity to study special topics in writing.

WR227Z - Technical Report Writing

Credits - 4 Lecture - 4

WR227Z introduces students to producing instructive, informative, and persuasive technical/professional documents aimed at well-defined and achievable outcomes. The course focuses on presenting information using rhetorically appropriate style, design, vocabulary, structure, and visuals. Students can expect to gather, read, and analyze information and learn a variety of strategies for producing accessible, usable, reader-centered deliverable documents that are clear, concise, and ethical.

Term(s) Offered: Fall, Winter, Spring

Prerequisite: WR 121Z

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* **WR241 - Introduction to Imaginative Writing**

Credits - 4 Lecture - 4

A course in creative writing designed for those who wish to express themselves in fiction, non-fiction, drama, poetry, or other imaginative forms.

Term(s) Offered: Fall

Prerequisite: WR 115 or Placement

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* **WR242 - Introduction to Imaginative Writing**

Credits - 4 Lecture - 4

A course in creative writing designed for those who wish to express themselves in fiction, non-fiction, drama, poetry, or other imaginative forms.

Term(s) Offered: Winter

Prerequisite: WR 115 or Placement

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* **WR243 - Introduction to Imaginative Writing**

Credits - 4 Lecture - 4

A course in creative writing designed for those who wish to express themselves in fiction, non-fiction, drama, poetry, or other imaginative forms. This course will focus on creative non-fiction.

Term(s) Offered: Spring

Prerequisite: WR 115 or Placement

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^ **WR298 - Special Studies**

Credits - 1-3

Designed to provide interested and capable students with the opportunity to study special topics in writing

SPAN Foreign Languages

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^ **SPAN101 - First Year Spanish**

Credits - 4 Lecture - 4

Introduction to Spanish, stressing speaking and reading. Exercises in elementary composition and grammar.

Term(s) Offered: Fall, Winter

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^ **SPAN102 – First Year Spanish**

Credits – 4 Lecture – 4

Continued introduction to Spanish, stressing speaking and reading. Exercises in elementary composition and grammar.

Prerequisite: SPAN101

Term(s) Offered: Winter, Spring

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^ **SPAN103 - First Year Spanish**

Credits - 4 Lecture - 4

Continued introduction to Spanish, stressing speaking and reading. Exercises in elementary composition and grammar.

Prerequisite: SPAN 102

Term(s) Offered: Spring

SPAN161 – Conversational Business Spanish I

Credits – 2 Lecture – 2

This conversational business Spanish course is an intensive course designed to focus on oral communication related to customer, consumer, and coworker interactions; there will be little grammatical instruction. The course will emphasize sentence structure, pronunciation, and introduce Hispanic culture and traditions. Course content will focus on business situations for customer service, workplace interactions, and field work. Students will practice speaking in class and will be encouraged to practice speaking outside the classroom.

SPAN162 – Conversational Business Spanish II

Credits – 2 Lecture – 2

This conversational business Spanish course is the second level of an intensive course designed to focus on oral communication related to customer, consumer, and coworker interactions. While there will be reading of simple business Spanish documents, there will be little grammatical instruction. Course content will focus on business situations for customer service, workplace interactions, and field work. Students will practice speaking in class and will be encouraged to practice speaking outside the classroom.

Prerequisite: SPAN161

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* **SPAN201 - Second-Year Spanish**

Credits - 4 Lecture - 4

Intensive oral and written exercises designed to help the student acquire an accurate and fluent use of Spanish. Selections from representative authors are studied.

Term(s) Offered: Fall

Prerequisite: SPAN 103

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* **SPAN202 - Second-Year Spanish**

Credits - 4 Lecture - 4

Intensive oral and written exercises designed to help the student acquire an accurate and fluent use of Spanish. Emphasis on advanced use of past tense and on hypothetical and persuasive language. We will also include literary selections.

Term(s) Offered: Winter

Prerequisite: SPAN 201

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* **SPAN203 - Second-Year Spanish**

Credits - 4 Lecture - 4

Intensive oral and written exercises designed to help the student acquire an accurate and fluent use of Spanish. Emphasis on advanced verb moods and application of language.

Term(s) Offered: Spring

Prerequisite: SPAN 202

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^ **SPAN211 - Spanish Conversation and Composition**

Credits - 3 Lecture - 3

Intensive conversation and essay writing of a general character designed to improve oral and written ability in Spanish.

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^ **SPAN212 - Spanish Conversation and Composition**

Credits - 3 Lecture - 3

Intensive conversation and essay writing of a general character designed to improve oral and written ability in Spanish.

Prerequisite: SPAN 211 or instructor approval

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^ **SPAN213 - Spanish Conversation and Composition**

Credits - 3 Lecture - 3

Intensive conversation and essay writing of a general character designed to improve oral and written ability in Spanish.

Prerequisite: SPAN 212 or instructor approval

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* **SPAN218 - Spanish for Heritage Speakers**

Credits - 4 Lecture - 4

This course is designed specifically for Heritage speakers of Spanish or other linguistically qualified students. Provides instruction to develop and improve existing Spanish language skills related to writing, speaking and listening. Also focuses on the cultural heritage of Spanish-speaking students in the region and increases awareness of linguistic registers, expands vocabulary, practices translation and develops appreciation for Hispanic and Latino cultures of Spanish-speaking countries and the United States. Conducted primarily in Spanish.

Prerequisite: SPAN 103

UMA Foreign Languages

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^ **UMA101 - First Year Umatilla**

Credits - 4 Lecture - 4

This course will introduce the student to the Umatilla language. Umatilla is a Sahaptin language primarily spoken on the Umatilla Indian Reservation. The student will learn the four areas that are essential to speaking grammatical phrases in Umatilla.

FN Health/Physical Education

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^ **FN225 - Nutrition**

Credits - 4 Lecture - 4

Nutrition is the study of the nutrients in food and how the body uses them through the life cycle. Food sources, functions and recommendations for the six nutrients are covered. Digestion, absorption and metabolism are discussed. Skills will be developed in evaluation of nutrition information, assessment of dietary intake, recognition of timely national nutrition issues, and an increased awareness of the relationship of diet upon chronic disease. A variety of instructional methods will be selected but emphasis will be upon collaborative learning.

Term(s) Offered: Fall, Winter, Spring

HE Health/Physical Education

& **HE115 - Body Composition Assessment**

Credits - 1 Lecture - 1

Percent Body Fat (or lean-to-fat ratio) is a better indicator of health and fitness than scale weight is. This class teaches students about the different methods of assessing percent body fat, their advantages and disadvantages.

Term(s) Offered: Fall, Winter, Spring

& **HE250 - Personal Health**

Credits - 3 Lecture - 3

A visionary look at the state of health and health care today. This distance education course offers teachers and learners an up-to-the-minute look at health and health care issues from weight management to cardiovascular disease and from the latest HIV/AIDS treatment to changes in health care delivery systems. Personal Health combines interviews with leading health professionals, dynamic location footage, and illustrative case studies to bring each lesson to life.

Term(s) Offered: Fall, Winter, Spring

& **HE252 - First Aid**

Credits - 3 Lecture - 3

This course is designed to provide the student with the knowledge and skills necessary in an emergency to call for help, to help keep someone alive, to reduce pain, and to minimize the consequences of injury or sudden illness until professional medical help arrives. Successful completion will lead to an American Red Cross community first aid and community CPR certification.

Term(s) Offered: Fall, Winter, Spring

> **HE298 - Special Studies**

Credits - 1-3

This course is designed to provide interested and capable students special topics in health

HPE Health/Physical Education

& **HPE295 - Health and Fitness for Life**

Credits - 3 Lecture - 3

Develop an understanding of the interacting influences of physical fitness, nutrition, stress management, and health. Course covers many wellness topics including weight control, eating disorders, diet analysis, methods for behavior change, avoiding destructive habits, cardiovascular health, and maintaining a healthy back.

Term(s) Offered: Fall, Winter, Spring

PE Health/Physical Education

& **PE131 - Introduction to Physical Education**

Credits - 3 Lecture - 3

An introduction to the fields of Health, Physical Education, Recreation and Sports Management including professional opportunities and required academic qualifications. The course includes a “shadow” experience and information regarding American College of Sports Medicine and American Council on Exercise certifications.

Term(s) Offered: Winter

& **PE185 - Physical Education Activity**

Credits - 1 Lab - 1

Program of study and activity in a specific area of physical education to include introduction to rules, principles, guidelines, and techniques of the stated activity. Students will take part in the activity to better learn about it as well as to maintain physical fitness.

Term(s) Offered: Fall, Winter, Spring

Repeatable for a maximum of 12 credits

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^ **PE198 - Special Studies**

Credits - 1-3

Selected studies in health and physical education.

& **PE290 - Lifeguard Training Review**

Credits - 1 Lab - 1

The purpose of this course is to update student's American Red Cross certification in Lifeguard training (PE 291). Students who possess a current ARC Lifeguard Training certificate are eligible to enroll in this review course.

Recommended preparation: The student must possess a current ARC Lifeguard Training Certificate

Offered Winter Term Only.

& **PE291 - Lifeguard Training**

Credits - 2 Lecture – 1 Lecture/Lab - 1

This course is designed to provide lifeguard candidates and lifeguards with the skills and knowledge necessary to keep the patrons of aquatic facilities safe in and around the water. Successful completion will lead to the American Red Cross lifeguard training certificate.

Recommended preparation: The student must possess strong swimming skill proficiency and strength.

Term(s) Offered: Fall, Winter, Spring

& **PE293 - Lifeguard Instructor Training/LGI**

Credits - 2 Lecture - 1 Lecture/Lab - 1

The purpose of this course is to train candidates to teach the American Red Cross Lifeguard Training, Lifeguard Training Review, Community Water Safety, CPR for the professional rescuer and Lifeguarding Instructor Aid courses. Successful completion leads to the American Red Cross Lifeguard Instructor (LGI) certificate.

Recommended preparation: Student must be at least 17 years old at the start of course and must pass two pre-course written exams and four skill scenarios.

HD Human Development

HD100 - College Survival and Success

Credits - 3 Lecture - 3

This course teaches students approaches and techniques that will support their success both as individuals and as students in college. Focus is on academic strategies which include note taking, test taking and text reading. Coping skills such as time management, stress management, assertiveness, and methods for organization will also be presented.

Term(s) Offered: Fall, Winter, Spring

HD110 - Career Planning

Credits - 2 Lecture - 2

Students gain information about themselves and occupations. They choose two careers and support their choices based upon the information they have acquired. They use interest inventories, computerized exploration programs, and an entrepreneur quiz. They will use the Career Information System to find sources of training and financial aid for the careers they have chosen.

DRF Industrial Systems Technology

> **DRF110 - Print Reading for Welders**

Credits - 2 Lecture - 2

This course presents an introduction to print reading fundamentals, American Welding Society (AWS) welding symbols, and related print reading applications found in the welding and fabrication industry.

Term(s) Offered: Fall

DRF111 – Industrial Print Reading

Credits – 2 Lecture – 2

Technicians use prints to understand how to repair and troubleshoot machinery. Industrial Print Reading covers industry related skills in print reading, including the use of different reference coordinates, creating and editing drawings, using technical drawing views and dimensions, assembly drawings, multi-view drawings and schematic diagrams.

Term(s) Offered: Winter

> **DRF112 - Computer Aided Drafting**

Credits - 3 Other - 3

An introduction to computer aided drafting using AutoCAD software, including design set up, file management, entity creation, and manipulation. Projects will include orthographic projection, sections, dimensioning, and isometric drawings.

IST Industrial Systems Technology

IST109 - Introduction to Industrial Systems Technology

Credits - 2 Lecture - 2

IST 109 provides an introduction to the Industrial Systems Technology Program, career opportunities, and an overview of key industrial systems, including operation and troubleshooting. This course is the entry point into the Industrial Systems Technology program.

Term(s) Offered: Fall

IST112 - Rigging and Lifting

Credits – 3 Lecture/Lab - 3

This class teaches how to safely move loads of different shapes and sizes using a variety of methods. The course includes different types of rigging skills including equipment movement, wire mesh slings, synthetic slings, knots, load turning, and cranes.

Term(s) Offered: Winter

IST121 - Mechanical Drive Systems

Credits - 3 Lecture/Lab - 3

Mechanical Drives introduces mechanical systems and develops fundamental knowledge of mechanical systems and practices. It covers basic safety, installation, key fasteners, power transmission systems, v-belt drives, chain drives, spur gear drives, and multiple shaft drives. Topics covered include learning how to select, install, adjust, troubleshoot, and repair a range of mechanical systems which are commonly found in both automated and manual machines used in every industry around the world.

Term(s) Offered: Fall

IST125 - Bearing and Lubrication Systems

Credits - 3 Lecture/Lab - 3

Bearings and Lubrication Systems includes describing lubrication, selection, maintenance and troubleshooting of plain ball bearings. It introduces anti-friction bearings by describing two types of bearing and teaches the fundamental skills of how to identify, mechanically install, and thermally install and troubleshoot those bearings. Also covered is gasket and seals, such as O-ring seal, lip seal and mechanical seal, advance gear drive, such as helical gear drives, right angle gear drives, and speed reducers, gear drive selection and maintenance.

Term(s) Offered: Winter

IST131 - Industrial Safety

Credits - 3 Lecture - 3

This class introduces common industrial safety topics. Learn how to recognize and protect yourself and your colleagues from workplace hazards. Lockout/Tagout, electrical safety, personal protective equipment, confined space entry, hazardous materials awareness, and safety data sheets are among the many topics covered in this course.

Term(s) Offered: Spring

IST135 - HVAC System Controls

Credits - 3 Lecture - 3

This course introduces students to HVAC systems and digital controls. Students will learn the basics of HVAC and automated digital controls as they pertain to data centers.

IST141 - Electrical Fundamentals for Non-Electricians

Credits - 3 Lecture/Lab - 3

AC/DC Electrical course teaches fundamentals of AC/DC electrical systems used for power and control in industrial, commercial, agricultural, and residential applications. Students learn industry-relevant skills included in subject areas such as Basic Electrical Circuits, Electrical measurement, Circuit Analysis, Inductance and Capacitance, Combination Circuits, and Transformers.

Term(s) Offered: Fall

IST145 - Electric Motor and Controls Troubleshooting

Credits - 3 Lecture/Lab - 3

Electric motor control teaches electric relay control of AC electric motors found in industrial, commercial, and residential applications. Learners gain understanding of the operation, installation, design, and troubleshooting of AC electric motor control circuits for many common applications. Develop skills in interpreting schematics, system design, motor start / stop circuits, motor sequence control, reversing motor control, and motor jogging. Safety is emphasized throughout, highlighting motor safety, lockout/ Tagout and safety interlocks and basic electricity.

Term(s) Offered: Winter

IST147 - Programmable Logic Controllers I

Credits - 3 Lecture/Lab - 3

Programmable Logic Controllers (PLC) are the backbone of automated processes in modern industry. This course covers program editing, basic PanelView Plus terminal operation, PLC motor control, timers and counters, event sequencing and much more. We use the Festo Allen-Bradley RSLogix 1200 for the lab activities.

Term(s) Offered: Winter

IST151 - Industrial Shop Practices

Credits - 3 Lecture/Lab - 3

This course introduces students to fundamentals of an industrial shop including mechanical skills, concepts and practices. Students will be introduced to precision measurement, technical shop math, mechanical fasteners, hand tools, and power tools. Safe application of industrial skills in the workplace is emphasized.

Term(s) Offered: Fall

IST157 - Preventative Maintenance Management

Credits - 3 Lecture - 3

Students will learn about Preventative Maintenance(PM) and Predictive Maintenance(PdM) programs and techniques used in most modern plants and facilities. Students will gain an understanding of how these programs improve reliability, efficiency and their impact on profitability. Students will be introduced to Lean and Six Sigma manufacturing principles and concepts. Students will be introduced to Root Cause Analysis and Corrective Action Programs.

Term(s) Offered: Fall

IST162 - Industrial Hydraulic Systems

Credits – 3 Lecture/Lab - 3

Industrial Hydraulic Systems introduces hydraulic power use and application, allowing learners to develop skills and knowledge needed to apply hydraulics in modern industry. It takes learners through key topics and skills in hydraulic power & safety, hydraulic circuits, hydraulic schematics, the principles of hydraulic pressure and flow, and hydraulic speed control circuits. It covers pumps, fluid friction, how to connect hydraulic circuits, hydraulic cylinders and valves (including needle valves), and a wide array of hydraulic applications..

Term(s) Offered: Fall

IST165 - Industrial Pneumatic Systems

Credits - 3 Lecture/Lab - 3

Basic pneumatics prepares learners to work intelligently in industry with pneumatic applications. It introduces pneumatic power and takes learners through key topics and skills in pneumatic power and safety, pneumatic circuits, pneumatic schematics, the principles of pneumatic pressure and flow, and pneumatic speed control circuits. It covers pressure regulation, air filtration, how to connect pneumatic circuits, pneumatic cylinders, valves, and actuators, a wide array of pneumatic applications, pressure and cylinder force, pneumatic leverage, pressure and volume, and air flow resistance.

Term(s) Offered: Spring

IST221 - Pumps and Valves

Credits - 3 Lecture/Lab - 3

The Pumps Systems curriculum teaches skills related to centrifugal pumps, which are used in almost every industry to transfer non-hydraulic fluids of various types from one place to another. Students learn a comprehensive set of industry-relevant skills including how to operate, install, maintain, troubleshoot, analyze performance, and select centrifugal pumps as well as system design.

Term(s) Offered: Winter

IST225 - Data Center Operations and Engineering

Credits - 3 Lecture/Lab - 3

Students will discuss the various electrical distribution, mechanical, and fire detection/suppression equipment and its operations used in a Data Center environment. Students must attend the once-weekly class in person.

IST247 - Programmable Logic Controllers II

Credits - 3 Lecture/Lab - 3

Portable PLC covers PLC (Programmable Logic Controller) programming, operation, and applications used in industry. This course covers a wide variety of program commands, ranging from timers and contacts, stepper motor control, and PWM control that will quickly develop relevant and critical skills to be job ready in modern industry environments.

Term(s) Offered: Spring

Prerequisite: IST 147

IST248 – Programmable Logic Controllers III

Credits – 3 Lecture/Lab – 3

Programmable Logic Controllers III will continue where PLC II left off. PLC III will use Amatrol PLC training equipment to cover timers and counters, sequencing, Move instructions as well as editing programs through Factory Talk software. Anyone who successfully completes this course will have a solid understanding of PLCs and how they are used as the backbone of automated manufacturing systems.

Prerequisite: IST247

Term(s) Offered: Spring

IST261 - Automated Material Handling

Credits - 3 Lecture/Lab - 3

IST261 Automated Material Handling discusses the basic operation of a Robot. These skills include safety, power up, shutdown, manual operation, homing, end effector operation. Skills taught also include basic robot programming including movement and effector commands, interfacing and material handling, application development, flexible manufacturing cells, quality control, production control, and work cell development.

Term(s) Offered: Fall

Prerequisite: IST 147 recommended

IST267 - Process Control and Instrumentation

Credits - 3 Lecture/Lab - 3

Level and Flow Process Control teaches two of the most common types of process control systems, flow and liquid level. This course covers process control safety, instrument tags, piping and instrumentation diagrams, and level measurement, then moves into system control functions such as liquid level control, automatic control methods, basic flow measurement and control, and control loop performance.

Term(s) Offered: Spring

Prerequisite: IST 147

IST271 – Capstone Project I

Credits – 3 Lab – 3

The Capstone Project I course objective is to give the student near completion of the Industrial Systems Technology AAS degree the opportunity to demonstrate knowledge and skills attained pertaining to the Program Outcomes. Upon successful completion of the course the student will have a professional portfolio to assist in job searches and interviews. In addition, the completed portfolio will be assessed using the Technical Skills Assessment rubric. Those who pass with a C or better will be reported to the State as Program Completers.

Prerequisite: IST147

Term(s) Offered: Spring

IST273 - Capstone Project II

Credits - 3 Lab - 3

Students will work in teams to develop a working, fully automated mechatronics system. This course builds on the approved design from Capstone Project I. Operating manuals, maintenance routines, troubleshooting plans, and a system optimization plan will be finalized.

This is a lab course that is part of a possible three-term capstone project. Program approval is required for admittance.

Prerequisite: IST 271

IST275 - Capstone Project III

Credits - 3 Lab - 3

Students will build and present a fully automated production system developed in the first and second capstone project courses. Complete operating, maintenance, and troubleshooting manual will be included. This course completes the project developed in Capstone I and II.

This is a lab course that is part of a possible three-term capstone project. Program approval is required for admittance.

Prerequisite: IST 273

IST280 - CWE: Industrial Systems Technology

Credits - 1-6

Cooperative work experience is an opportunity for students to learn workplace and technical skills while being exposed to experiences meant to deepen their understanding of a career field in which they are interested. The student will find a site and arrange a mentor. The students will decide upon their goals for the experience which must be approved by the instructor. Upon completion an evaluation will be completed which will include an interview with the instructor, review of the student's goals and a reflection paper. Instructor approval is required. (To receive one credit the student must log 33 hours of Work Experience per credit.)

CS Math/Computer Science

CS109 - Academic Planning for Data Center Tech

Credits - 1 Lecture - 1

This course provides a structured introduction to the tools, resources, and strategies vital to successful completion of one's college and career goals. More specifically, this course provides an orientation to the Data Center Technician certificate program at BMCC. The course encourages students to take responsibility for their own learning and make well-informed choices in a collegiate environment. Topics include information about access for students, financial assistance, study strategies, library resources, diversity, career and degree planning, and career readiness.

@ CS120 - Concepts of Computing

Credits - 4 Lecture - 4

A survey of the general concepts of computers and their applications. Concepts include computer systems, system and applications software, data organization and management, and computers in society. Specific applications with hands-on projects will include word processing, presentation management, spreadsheets, database, graphics, and web authoring.

Term(s) Offered: Fall, Winter, Spring

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^ CS125 - Software Applications

Credits - 3 Lecture - 3

This class will study in detail one specific computer software application. Topics will include standard features and operations of the application and consideration of one or more specific products and their unique features. Course may include (but is not limited to) web design/multimedia (CS 125M) and digital imaging (CS125I).

Offered periodically.

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^ CS125i - Digital Imaging (Photoshop)

Credits - 3 Lecture - 3

This course examines the theory behind digital imaging through application in a Web-based environment. Focus will be on using digital images on web pages to enhance content, through examples of current best practices and trends. Photoshop will be used extensively in this course as students create projects that can be used on websites.

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^ CS125M - 3D Modeling and Animation

Credits - 4 Lecture -4

This course provides hands-on experience creating animation and 3D graphics to be used in gaming engines, video production, and online. Students will use Blender to explore mesh modeling, texturing, lighting, animation, rendering and composition as they develop realistic 3D environments. Critical thinking skills, professionalism, and industry applications of 3D modeling are integral to the curriculum.

CS133 - Programming Languages

Credits - 4 Lecture - 4

This course focuses on introducing students to the critical concepts and principles that surround practical programming in the workplace. The primary purpose of this course functions to introduce students to programming that they would use in a variety of fields including robotics, office automation, gaming, and programming logic controllers.

Recommended Prerequisites: CS120, CS160

@ CS133B - Programming with Visual Basic

Credits - 4 Lecture - 4

An introduction to programming with the high level programming language Visual BASIC. The student will study basic programming styles, techniques and the syntax of Visual BASIC. Students will write, run and debug programs on microcomputers.

@ CS133J - Scripting: Javascript with jQuery

Credits - 4 Lecture - 4

An introduction to client-side scripting, this course presents methods to make dynamic websites. After gaining familiarity with Javascript, students will be taught how to use jQuery to simplify and enhance website design and development.

Prerequisite: CS 195

@ CS133U - Programming with C+

Credits - 4 Lecture - 4

An introduction to programming with the high level programming language C. The student will study basic programming styles, techniques and the syntax of C. Students will write, run and debug programs on microcomputers.

CS140L - Introduction to Linux Administration I

Credits - 3 Lecture - 3

Students will gain experience in the installation and configuration of the Linux operating system as a server, with strong emphasis on the boot sequence and virtualization. Students will learn to use the command line and administer common services. This is the first course in a two term sequence on Linux administration.

CS140R – Introduction to Systems

Credits – 4 Lecture – 4

This course focuses on introducing students to the many systems of computers. The primary purpose of this course functions to introduce students to the administration of operating systems, computers, and servers using the rasbian OS.

Additionally, the course will cover troubleshooting of those systems.

Recommended Prerequisite: CS120

> CS145 - Introduction to PC Hardware and Software

Credits - 5 Lecture - 4 Lab - 1

This course provides a first introduction to the installation, configuration and maintenance of PC hardware and software. Special emphasis is given to troubleshooting methodology and its hands-on application to resolution of hardware and software problems.

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^ @ CS160 - Gentle Introduction to Programming

Credits - 4 Lecture - 3 Lecture/Lab - 1

A gentle, but intense, introduction to programming with a high-level programming language. The student will study foundational programming styles, techniques, syntax, and tools in order to develop, write, run, and debug computer programs with an emphasis on problem solving.

@ **CS161 - Computer Science**

Credits - 4 Lecture - 4

An introduction to problem solving and algorithm design with the use of a high level programming language. Included will be basic principles of hardware, software and programming techniques.

Recommended preparation: MTH 095 or equivalent.

@ **CS162 - Computer Science**

Credits - 4 Lecture - 4

Continued introduction to problem solving and algorithm design with the use of a high level programming language.

Additional topics may include data organization (multidimensional arrays, records, pointers, lists, stacks and queues) and techniques for designing large projects.

Prerequisite: CS 161

CS179A - Introduction to Networking II

Credits - 2 Lecture – 1 Lab - 1

Students will learn the essentials of installing, configuring, securing and maintaining computer networks. Students learn to diagnose and resolve simple network problems, analyze network traffic, and gain familiarity with common protocols and media types.

This is the first course in a two term sequence.

Prerequisite: CS145 or equivalent experience

CS179B - Introduction to Networking II

Credits - 3 Lecture -2 Lab - 1

Students will learn the essentials of installing, configuring, securing, and maintaining computer networks. Students learn to diagnose and resolve simple network problems, analyze network traffic, and gain familiarity with common protocols and media types.

This is the second course in a two term sequence.

Prerequisite: CS 179A or equivalent experience

> **CS180 - Computer Science Practicum**

Credits - 1-5 Lab - 5

Students will operate a free computer repair clinic as a community service, gaining experience in troubleshooting, professional interaction with customer’s and peers and documenting problems and solutions in a trouble ticket system.

Students may take this course for credit twice.

@ **CS195 - Web Development**

Credits - 4 Lecture - 4

A first course in the design and development of Web pages and sites. This course will include the use of Web page authoring tools as well as HTML syntax to create Web pages. Students will study both the mechanics and practical application of these tools as well as principles of good design for the Web.

Prerequisite: CS 120

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^ **CS198 - Special Studies**

Credits - 1-3

This course is designed to provide interested and capable students special topics in computer science.

> **CS240L - Introduction to Linux Systems Administration**

Credits - 3 Lecture - 3

Students will gain experience in the installation and configuration of the Linux operating system as a server, with strong emphasis on the boot sequence and virtualization. Students will learn to use the command line and administer common services. This is the second course in a two term sequence on Linux administration.

Prerequisite: CS 140L or equivalent experience

@ **CS260 - Data Structures**

Credits - 4 Lecture - 3 Lecture/Lab - 1

Continued instruction in problem solving and algorithm design with the use of a high level programming language, this course also includes basic data structures, searching and sorting techniques and advanced problem solving.

Prerequisite: CS 162

@ **CS275 - Database Development**

Credits - 4 Lecture - 4

Introduces the design, uses, and terminology of a database management system. Students will explore database development, focusing on relational databases. Topics will include relational schema, entity-relationship diagrams, indices, normal forms, SQL, multiuser database issues, web-based systems, and evaluation of business data needs.

Recommended Preparation: CS 295, CS 133, or CS 161

Prerequisite: BA110

> **CS279 - Network Management II**

Credits - 5 Lecture -4 Lab - 1

Students will learn to build, maintain, troubleshoot and support server hardware and software technologies. Advanced administration and diagnostic techniques are discussed.

Prerequisite: CS 179

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^ **CS280 - Cooperative Work Experience**

Credits - 1-8

Provides a supervised work experience in computer science which supplements the “school experience” that is not possible in the normal academic classroom environment.

> **CS282 - Computer Science Colloquium**

Credits - 3 Lecture - 3

This course will provide a forum for discussion of challenges, current trends, and future concerns. Will also cover current trends as well as resume building. Designed to be taken in parallel with CS 280

CS284 - Fundamentals of Cybersecurity

Credits - 4 Lecture - 4

This course focuses on introducing students to the critical concepts and principles that surround cybersecurity. The primary purpose of this course functions as a survey of major topics in the cybersecurity field, but also introduces a range of interrelated industry vocabulary, tools, frameworks, and methodologies.

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^ **CS288 - Network Management III**

Credits - 4 Lecture - 3 Lab - 1

A course designed to examine different advanced networking topics and current trends in networking. Topics will include items relative to the needs and learning experience of the students.

@ **CS295 - Web Development**

Credits - 4 Lecture - 4

A second course in the design and development of Web pages and sites. This course will include JavaScript, CCS, SSI, CGI programming, and other DHTML tools. Students will study both the mechanics and practical application of these tools.

Prerequisite: CS 195

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^ **CS298 - Special Studies**

Credits - 1-3

This course is designed to provide interested and capable students special topics in computer science.

MTH Math/Computer Science

MTH025 - Pre-Algebra

Credits - 4 Lecture - 4

This course is designed for students who are almost ready for elementary algebra. Those who place in this course study all processes of fractions, decimals, ratio/ proportion/percent, measurement, integers, basic geometry and algebraic expressions and equations.

Term(s) Offered: Fall, Winter, Spring

MTH042 - Technical Mathematics

Credits - 4 Lecture - 3 Lecture/Lab - 1

The student will study and demonstrate knowledge of ratios, proportions, percentages, and application of Elementary Algebra, Elementary Geometry, Elementary Trigonometry, and mathematical formulas to technical problems.

Term(s) Offered: Winter

Prerequisite: MTH 025 or Placement

MTH062 - Quantitative Literacy I

Credits - 4 Lecture - 4

This course provides the algebra, quantitative reasoning, and problem solving skills necessary for success in Math 105Z. Students will solve a variety of contextual and open-ended mathematical problems. The course is alternate pathway to Math 105Z for students not intending to take calculus.

MTH070 - Elementary Algebra

Credits - 5 Lecture - 5

The student will demonstrate knowledge of basic algebra notation, linear equations and inequalities, graphing, linear systems, exponents, and polynomials.

Term(s) Offered: Fall, Winter, Spring

Prerequisite: MTH 025 or Placement

MTH095 - Intermediate Algebra

Credits - 5 Lecture - 5

The student will study and demonstrate knowledge of skills to include solving algebraic equalities and inequalities, and systems of linear and nonlinear equations. Also included are graphing algebraic functions. Emphasis is placed on algebraic problem-solving skills; a graphing calculator will be used as a tool to further algebraic knowledge.

Term(s) Offered: Fall, Winter, Spring

Prerequisite: MTH 070 or Placement

MTH098 - Quantitative Literacy II

Credits - 4 Lecture - 4

This course provides the algebra, quantitative reasoning, and problem solving skills necessary for success in Math 105Z. Students will solve a variety of contextual and open-ended mathematical problems, communicating their solutions in writing, with graphical and symbolic representations. The course is an alternate pathway to Math 105Z for students not intending to take calculus

Prerequisite: MTH 062 or MTH 070 or Placement

+ **MTH105Z – Math in Society**

Credits - 4 Lecture – 4

An exploration of present-day applications of mathematicas focused on developing numeracy. Major topics include quantative reasoning and problem-solving strategies, probability and statistics, and financial mathematics; these topics are to be weighted approximately equally. This course emphasizes mathematical literacy and communication, relevant everyday applications, and the appropriate use of current technology.

Prerequisite: MTH095, MTH098 or Placement

+ **MTH111Z – Precalculus I: Functions**

Credits – 4 Lecture – 4

A course primarily designed for students preparing for trigonometry or calculus. This course focuses on functions and their properties, including polynomial, rational, exponential, logarithmic, piecewise-defined, and inverse functions.

These topics will be explored symbolically, numerically, and graphically in real-life applications and interpreted in context. This course emphasizes skill building, problem-solving, modeling, reasoning, communication, connections with other disciplines, and the appropriate use of present-day technology.

Prerequisite: MTH095 or Placement

Term(s) Offered: Fall, Winter, Spring

+ **MTH112Z – Precalculus II: Trigonometry**

Credits – 4 Lecture – 4

A course primarily designed for students preparing for calculus and related disciplines. This course explores trigonometric functions and their applications as well as the language and measurement of angles, triangles, circles, and vectors. These topics will be explored symbolically, numerically, and graphically in real-life applications and interpreted in context. This course emphasizes skill building, problem-solving, modeling, reasoning, communication, connections with other disciplines, and the appropriate use of present-day technology.

Prerequisite: MTH111Z or Placement

Term(s) Offered: Fall

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^ MTH198 – Special Studies

Credits – 1-3

This course is designed to provide interested and capable students with special topics mathematics.

+ MTH211 – Foundations of Elementary Mathematics

Credits – 4 Lecture – 4

The student will study and demonstrate knowledge of problem-solving, sets, relations, whole numbers, numeration systems, integers, number theory, and mathematical systems. The student will explore the conceptual bases of numbers and arithmetic, with an emphasis on why and how arithmetic operations work. Manipulatives will be used as physical models to move from concrete to abstract representation.

Prerequisite: MTH095 or Placement, Mth098 Recommended

Term(s) Offered: Fall

+ MTH212 - Foundations of Elementary Mathematics

Credits - 4 Lecture - 4

The student will study and demonstrate knowledge of integers, rational numbers, real numbers, and mathematical systems.

Term(s) Offered: Winter

Prerequisite: MTH 211

+ MTH213 - Foundations of Elementary Mathematics

Credits - 4 Lecture - 4

The student will study and demonstrate knowledge of geometry, probability, and statistics and other topics in elementary mathematics.

Term(s) Offered: Spring

Prerequisite: MTH 212

+ MTH231 - Discrete Mathematics

Credits - 4 Lecture - 4

Students will study and demonstrate knowledge of topics chosen from logic, set theory, functions, algorithms, number theory, matrices, proof techniques, recursion, counting techniques, relations, and graphing theory.

Prerequisite: MTH 111Z or Placement

+ MTH241 - Calculus for Management/Social Science

Credits - 4 Lecture - 4

Students will study and demonstrate knowledge of the basic concepts of differential and integral calculus with emphasis on the basic techniques and applications. The approach will be from an intuitive point of view.

Prerequisite: MTH 111Z or Placement

+ MTH251 - Calculus

Credits - 4 Lecture - 4

Students will study infinity and infinite processes through limits of functions and derivatives. Students will understand the derivative as a rate of change in different contexts, including tangents, margins, related rates, and optimization. Applications in these areas will be covered. The use of computer software and applications will also be explored.

Term(s) Offered: Fall, Winter, Spring

Prerequisite: MTH 112Z or Placement

+ MTH252 - Calculus

Credits - 4 Lecture - 4

The student will study and demonstrate knowledge and application of the definite integral, differentiation and integration of logarithmic, exponential, trigonometric, and inverse functions and applications.

Term(s) Offered: Winter, Spring

Prerequisite: MTH 251

+ MTH253 - Calculus

Credits - 4 Lecture - 4

Students will study and demonstrate knowledge of intermediate forms, improper integrals, infinite sequences and series, analytic geometry, polar coordinates, and an introduction to vectors.

Term(s) Offered: Spring

Prerequisite: MTH 252

+ **MTH254 - Vector Calculus**

Credits - 4 Lecture - 4

The student will study and demonstrate knowledge of vector-valued functions, functions of several variables, partial differentiation and related applications, and multiple integration with related applications.

Prerequisite: MTH 252

+ **MTH256 - Differential Equations**

Credits - 4 Lecture - 4

This course covers the methods of solving ordinary differential equations and includes three types of solutions: elementary methods, convergent power series, and numerical methods, with applications to physical and engineering science.

Prerequisite: MTH 252

MTH261 - Linear Algebra

Credits - 4 Lecture - 4

Students will study and demonstrate knowledge of matrix solutions to systems of linear equations, determinants, vector spaces, GramSchmidt orthogonalizations, linear transformations, Eigen values and Eigen vectors.

Prerequisite: MTH 252

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^ **MTH298 - Special Studies**

Credits - 1-3

This course is designed to provide interested and capable students special topics in mathematics. It will provide statistics students an opportunity to use the statistical tools learned in the classroom to analyze real data.

Corequisite: STAT243Z

STAT Math/Computer Science

+ **STAT243Z – Elementary Statistics I**

Credits – 4 Lecture – 4

A first course in statistics focusing on the interpretation and communication of statistical concepts. Introduces exploratory data analysis, descriptive statistics, sampling methods, and distributions, point and interval estimates, hypothesis tests for means and proportions, and elements of probability and correlation. Technology will be used when appropriate.

Prerequisite: MTH111Z, MTH105Z or Placement

Term(s) Offered: Spring

MA Medical Assisting

MA209 – Medical Assisting Externship

Credits – 3 Lab – 3

During the Medical Assisting Externship, students will be placed in a clinic or medical office to begin to familiarize themselves with an active clinic setting. Under the guidance of a preceptor, the student will perform duties which do not require patient contact in addition to administrative and clinical duties. The student will not receive payment for their externship.

MA210 – Fundamentals of Medical Assisting

Credits – 6 Lecture – 1 Lab – 5

This course introduces the student to the skill and responsibilities of the medical assistant in the back office of the clinic setting in the ambulatory care office. Emphasis is placed on safety and privacy, patient-care, provider interaction, patient preparation and interventions, initial assessment and history gathering.

MA211 – Medical Assisting Practicum

Credits – 8 Lecture – 2 Lab – 6

During the clinical practicum, the medical assisting student will be placed in a clinic or medical office to practice the skills they have learned throughout their medical assisting coursework. Under the guidance of a preceptor, the student will perform administrative and clinical duties in a medical setting. The student will not receive payment for their externship.

MUP Music

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^ MUP170 - Applied Strings

Credits - 1 Lecture - 1

Individual private instruction is given in technical and stylistic aspects of artistic solo performance. Students enroll for a one-half hour lesson each week in their major instrument each term. Instructor Approval.

Term(s) Offered: Fall, Winter, Spring

Course is repeatable up to 3 times. (3 credits total)

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^ MUP171 - Applied Piano

Credits - 1 Lecture - 1

Individual private instruction is given in technical and stylistic aspects of artistic solo performance. Students enroll for a one-half hour lesson each week in their major instrument each term.

Term(s) Offered: Fall, Winter, Spring

Course is repeatable up to 3 times. (3 credits total)

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^ MUP174 - Applied Voice

Credits - 1 Lecture - 1

Individual private instruction is given in technical and stylistic aspects of artistic solo performance. Students enroll for a one-half hour lesson each week in their major instrument each term.

Term(s) Offered: Fall, Winter, Spring

Course is repeatable up to 3 times. (3 credits total)

MUS Music

*** MUS205 - Introduction to Jazz History**

Credits - 4 Lecture - 4

This course will chronologically survey prominent jazz styles and musicians of the 20th century. Listening will be a large part of the coursework.

Term(s) Offered: Fall, Spring

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

*** MUS206 - Introduction to History of Rock Music**

Credits - 4 Lecture - 4

A general survey of the history of rock and roll music. Beginning with its roots in African-American folk blues, this course will follow socio-political events that shaped the development of this popular genre. Also to be discussed will be typical instrumental groups, history of electronic amplification of string and keyboard instruments, development of form and lyric content, as well as marketing trends that shape content and intention of rock.

Term(s) Offered: Fall, Winter, Spring

Prerequisite: WR 060 or Placement, WR 115

strongly recommended.

*** MUS207 - History of Folk Music**

Credits - 4 Lecture - 4

A survey of Anglo-American folk music and its subsequent styles from the first collected folk songs of Cecil Sharp (around 1900) to the present. Beginning with the Appalachian instrumental and vocal traditions, later folk-based styles will be discussed including country music, folk protest, bluegrass, folk rock, and progressive folk. Also to be discussed will be characteristics of the Anglo-American style with musical retentions from British Isles.

Term(s) Offered: Fall, Winter, Spring

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

NRS Nursing

> **NRS110 – Foundations of Health Assessment and Health Promotion**

Credits – 9 Lecture – 5 Lab – 1 Clinical – 3

This course introduces the learner to the framework of the Oregon Consortium for Nursing Education (OCNE) curriculum. The emphasis on health promotion across the lifespan includes learning about self-care as well as patient health practices. To support self and patient health practices, students learn to access evidence about healthy lifestyle patterns and risk factors for disease/illness, apply growth and development theory, interview patients in a culturally sensitive manner, identify members of an interprofessional team, and use reflective thinking about their practice as nursing students. Includes classroom and clinical learning experiences. The clinical portion of the course includes practice with selected core nursing skills.

Prerequisite: Admission to the nursing program.

Term(s) Offered: Fall

> **NRS111 - Foundations of Nursing in Chronic Illness I**

Credits - 6 Lecture - 3 Lab – 1 Clinical – 2

This course expands on assessment and common interventions with the focus on patients with chronic illnesses common across the life span in multiple ethnic groups. The patient's and family's "lived experience" of the condition is explored. Clinical practice guidelines and research evidence are used to guide clinical judgements in the care of individuals with chronic conditions. Multidisciplinary team roles and responsibilities are explored in the context of delivering safe, high-quality health care to individuals with chronic conditions (includes practical and legal aspects of delegation). Cultural, ethical, legal, and health care delivery issues are explored through case scenarios and clinical practice. The course includes classroom and clinical learning experiences. The clinical portion of the course includes practice with selected core nursing skills.

Prerequisite: NRS110

Corequisite: NRS230 or NRS231 (Clinical Pharmacology) and NRS232 or NRS 233 (Pathophysiology Processes).

Term(s) Offered: Winter

> **NRS112 - Foundations of Nursing in Acute Care I**

Credits - 6 Lecture - 3 Lab – 1 Clinical - 2

This course introduces the learner to assessment and common interventions (including relevant technical procedures) for care of patients across the lifespan who require acute care, including normal childbirth. Disease/illness trajectories and their translation into clinical practice guidelines and/or standard procedures are considered in relation to their impact on providing culturally sensitive, patient-centered care. Includes classroom and clinical learning experiences.

Prerequisite: NRS 110

Corequisite: NRS230 or NRS231 (Clinical Pharmacology) and NRS232 or NRS233 (Pathophysiological Processes).

Term(s) Offered: Spring

> **NRS221 - Nursing in Chronic Illness II and End of Life Care**

Credits - 9 Lecture - 4 Lab/Clinical - 5

This course builds on NRS111/211, Foundations of Nursing in Chronic Illness I. Chronic Illness II expands the student's knowledge related to family care giving, symptom management and end of life concepts. These concepts are a major focus and basis for nursing interventions with patients and families. Ethical issues related to advocacy, self-determination, and autonomy are explored. Complex skills associated with the assessment and management of concurrent illnesses and conditions are developed within the context of patient and family preferences and needs. Skills related to enhancing communication and collaboration as a member of an interprofessional team and across health care settings are further explored. Exemplars include patients with chronic mental illness and addictions as well as other chronic conditions and disabilities affecting functional status and family relationships. The course includes classroom and clinical learning experiences. (Can follow Nursing in Acute Care II and End-of-Life).

Term(s) Offered: Fall

Prerequisite: Completion of First year of Nursing Curriculum

> **NRS222 - Nursing in Acute Care II and End of Life Care**

Credits - 9 Lecture - 5 Lab – 1 Clinical - 3

This course builds on Nursing in Acute Care I, focusing on more complex and/or unstable patient care conditions, some of which may result in death. These patient care conditions require strong noticing and rapid decision making skills. Evidence base is used to support appropriate focused assessments, and effective, efficient nursing interventions. Life span and developmental factors, cultural variables, and legal aspects of care frame the ethical decision-making employed in patient choices for treatment or palliative care for disorders with an acute trajectory. Case scenarios incorporate prioritizing care needs, delegation and supervision, and family and patient teaching for either discharge planning or end-of-life care. Exemplars include acute conditions affecting multiple body systems. Includes classroom and clinical learning experiences. (Can follow Nursing in Chronic Illness II and End-of-Life Care).

Term(s) Offered: Winter

Prerequisite: NRS 221

> **NRS224 – Integrative Practicum**

Credits - 9 Lecture - 2 Clinical - 7

This practicum course provides students with opportunities to apply theories and skills learned in previous nursing courses. It is designed to refine the clinical judgments, knowledge, and skills necessary for safe and effective registered nurse practice, using a variety of evidence-based teaching and learning models. This course provides opportunities or analysis and reflection throughout the clinical experience and provides the student with evaluative criteria against which they can judge their own progress toward achieving course outcomes. Includes immersive clinical experience, seminar, and self-directed study, focusing on the transition from the student role to the professional nursing practice role.

Prerequisite: NRS110, NRS112, NRS221, NRS222, NRS230, NRS231, NRS232, and NRS233.

Term(s) Offered: Spring

Required for AAS and eligibility for RN licensure.

> **NRS230 - Clinical Pharmacology I**

Credits - 3 Lecture - 3

This course introduces the theoretical background that enables students to provide safe and effective care related to drugs and natural products to persons throughout the lifespan. It includes the foundational concepts of principles of pharmacology, nonopioid analgesics, and antibiotics, as well as additional classes of drugs. Students will learn to make selected clinical decisions in the context of nursing regarding using current, reliable sources of information, understanding of pharmacokinetics and pharmacodynamics, developmental physiologic considerations, monitoring and evaluating the effectiveness of drug therapy, teaching persons from diverse populations regarding safe and effective use of drugs and natural products, intervening to increase therapeutic benefits and reduce potential negative effects, and communicating appropriately with other health professionals regarding drug therapy. Drugs are studied by therapeutic or pharmacological class using an organized framework.

Term(s) Offered: Winter

Prerequisite: NRS 110

> **NRS231 - Clinical Pharmacology II**

Credits - 3 Lecture - 3

This sequel to Clinical Pharmacology I continues to provide the theoretical background that enables students to provide safe and effective nursing care related to drugs and natural products to persons throughout the lifespan. Students will learn to make selected clinical decisions in the context of nursing regarding using current, reliable sources of information, monitoring and evaluating the effectiveness of drug therapy, teaching persons from diverse populations regarding safe and effective use of drugs and natural products, intervening to increase therapeutic benefits and reduce potential negative effects, and communicating appropriately with other health professionals regarding drug therapy. The course addresses additional classes of drugs and related natural products not contained in Clinical Pharmacology I.

Term(s) Offered: Spring

Prerequisite: NRS 230

> **NRS232 - Pathophysiological Processes I**

Credits - 3 Lecture - 3

This course introduces pathophysiological processes that contribute to many different disease states across the lifespan and human responses to those processes. It includes the foundational concepts of cellular adaptation, injury, and death; inflammation and tissue healing; fluid and electrolyte imbalances; and physiologic response to stressors and pain, as well as additional pathophysiological processes. Students will learn to make selective clinical decisions in the context of nursing regarding using current, reliable sources of pathophysiology information, selecting and interpreting focused nursing assessments based on knowledge of pathophysiological processes, teaching persons from diverse populations regarding pathophysiological processes, and communicating with other health professionals regarding pathophysiological processes.

Prerequisite: Anatomy & Physiology and Microbiology

Term(s) Offered: Fall

> **NRS233 - Pathophysiological Processes II**

Credits - 3 Lecture - 3

This sequel to Pathophysiological Processes I continues to explore pathophysiological processes that contribute to disease states across the lifespan and human responses to those processes. Students will learn to make selected clinical decisions in the context of nursing regarding using current, reliable sources of pathophysiology information, selecting and interpreting focused nursing assessments based on knowledge of pathophysiological processes, teaching persons from diverse populations regarding pathophysiological processes, and communicating with other health professionals regarding pathophysiological processes. The course addresses additional pathophysiological processes not contained in Pathophysiological Processes I.

Term(s) Offered: Winter

Prerequisite: NRS 232

BI Science

% **BI101 - General Biology for Non-Majors**

Credits - 4 Lecture - 3 Lab - 1

This course introduces the nature of scientific inquiry and applies fundamental concepts of cellular and molecular biology to scenarios and situations to engage the student in critical thinking about how biological principles can be applied to everyday life situations. This course is intended for non-STEM majors and general transfer students due to the broad review of content. This is a lab science course and need not be taken in sequence.

MTH062 or higher recommended.

Term(s) Offered: Fall, Winter

% **BI102 - General Biology for Non-Majors**

Credits - 4 Lecture - 3 Lab - 1

This course introduces the nature of scientific inquiry, and applies fundamental concepts of evolution of lower organisms, herbology, and ecology to scenarios and situations to engage the student in critical thinking about how biological principles can be applied to everyday life situations.

Term(s) Offered: Winter

Prerequisite: MTH062 recommended

% **BI103 - General Biology for Non-Majors**

Credits - 4 Lecture - 3 Lab - 1

This is a one the term study majors science course that fulfills the lab science requirements for the AAOT. This course includes the student of animal diversity as well as an overview of animal systems with an emphasis on humans.

Term(s) Offered: Spring

Prerequisite: MTH062 recommended

% **BI112 - Cell Biology for Health Occupations**

Credits - 4 Lecture - 3 Lab - 1

This course introduces the nature of scientific inquiry, and applies fundamental concepts of cellular and molecular biology in preparation for a human anatomy and physiology course to engage the student in critical thinking about how biological principles can be applied to everyday life situations. This course is intended for pre-nursing and diagnostic imaging students due to the human-centric content.

MTH062 or higher recommended

% **BI124 - Global Ecology and Conservation Biology**

Credits - 4 Lecture - 3 Lab - 1

Introduction to ecology including a multidisciplinary investigation of the ways humans interact with habitats worldwide. Course fulfills the laboratory science requirement for non-science majors.

Prerequisite: MTH 025 or Placement

% **BI130 – Survey of Anatomy and Physiology**

Credits – 5 Lecture – 4 Lab – 1

Survey of Anatomy & Physiology is intended for students entering the field of study in Medical Assisting or any student who needs a basic understanding of the structure and function of the human body. This course is a survey course or human anatomy and physiology and provides a broad overview of the subject. This is a one-quarter course encompassing the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive systems.

% **BI163 - Natural History of Oregon**

Credits - 4 Lecture - 3 Lab - 1

Introduction to Oregon's biogeographic provinces. The organisms, communities, geology, and the interactions of these to form the different provinces will be studied. Extended field trips will be taken. Instructor approval required.

Offered periodically.

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^ **BI198 - Special Studies**

Credits - 1-3

Provides interested and capable students the opportunity to study special topics in the field of biology.

% **BI211 - General Biology for Majors**

Credits - 5 Lecture - 4 Lab - 1

This course introduces the nature of scientific inquiry, and applies fundamental concepts of cellular and molecular biology to scenarios and situations to engage the student in critical thinking about how biological principles can be applied to everyday life situations . This course is designed for students who are majoring in the sciences typically for degrees in Biological Science or degrees related to the pre-professional programs such as pharmacology, medicine, forestry & wildlife.

Term(s) Offered: Fall

MTH 062 or higher recommended

% **BI212 - General Biology for Majors**

Credits - 5 Lecture - 4 Lab - 1

This is a one term majors science course that fulfills the lab science requirements for the AAOT. This course includes the study of animal diversity as well as an overview of animal systems with an emphasis on humans.

Term(s) Offered: Winter

Prerequisite: MTH 062 recommended

% **BI213 - General Biology for Majors**

Credits - 5 Lecture - 4 Lab - 1

This course introduces the nature of scientific inquiry, and applies fundamental concepts including the taxonomy of lower organisms, plant physiology and ecology to scenarios and situations engaging the student in critical thinking about how biological principles can be applied to everyday life situations. This course is designed for students who are majoring in the sciences typically for degrees in Biological Science or degrees related to the pre-professional programs such as pharmacology, medicine, forestry & wildlife.

% **BI231 - Human Anatomy and Physiology**

Credits - 4 Lecture - 3 Lab - 1

This course provides students with the opportunity to study the structure and function of the human body from a systematic perspective, while emphasizing homeostasis, multiple levels of organization, organ system interaction, and complementarity of structure and function. Specific topics include: the integumentary, skeletal, and cardiovascular systems. Laboratory sessions include dissecting animal specimens, conducting physiological experiments and/or examining case studies, examining microscope slides or images of slides, and studying anatomical models.

Prerequisite: BI 112 or a Human Anatomy and Physiology course at the 200-level or higher.

Term(s) Offered: Fall, Winter

% **BI232 - Human Anatomy and Physiology**

Credits - 4 Lecture - 3 Lab - 1

This course provides students with the opportunity to study the structure and function of the human body from a systematic perspective, while emphasizing homeostasis, multiple levels of organization, organ system interaction, and complementarity of structure and function. Specific topics include: the muscular and nervous systems, special senses, and the endocrine system. Laboratory sessions include dissecting animal specimens, conducting physiological experiments and/or examining case studies, examining microscope slides or images of slides, and studying anatomical models.

Term(s) Offered: Winter, Spring

Prerequisite: BI 112 or a Human Anatomy and Physiology course at the 200-level or higher.

% **BI233 - Human Anatomy and Physiology**

Credits - 4 Lecture - 3 Lab - 1

This course provides students with the opportunity to study the structure and function of the human body from a systematic perspective, while emphasizing homeostasis, multiple levels of organization, organ system interaction, and complementarity of structure and function. Specific topics include: the lymphatic, respiratory, digestive, urinary, and reproductive systems. Laboratory sessions include dissecting animal specimens, conducting physiological experiments and/or examining case studies, examining microscope slides or images of slides, and studying anatomical models.

Term(s) Offered: Fall, Spring

Prerequisite: BI 112 or a Human Anatomy and Physiology course at the 200-level or higher.

% **BI234 - Microbiology**

Credits - 4 Lecture - 3 Lab - 1

This course introduces the nature of scientific inquiry, and applies fundamental concepts of microbiology to scenarios and situations in public health to engage the student in critical thinking about how biological principles can be applied to everyday life situations. The course is designed for students fulfilling nursing prerequisites and is appropriate to students pursuing a biological science or medical degree.

Prerequisite: MTh062 recommended.

Term(s) Offered: Fall, Winter, Spring

% **BI260 – Microbiology**

Credits – 5 Lecture – 4 Lab – 1

This course introduces the nature of scientific inquiry and applies fundamental concepts of microbiology to scenarios and situations in public health to engage the student in critical thinking about how biological principles can be applied to everyday life situations. The course is designed for students fulfilling nursing prerequisites and is appropriate for students pursuing a biological science or medical degree.
Recommended Prerequisite: MTH062

CH Science

% **CH104 - Introductory Chemistry**

Credits - 5 Lecture - 4 Lab - 1

This course covers matter and measurements; atoms and the periodic table; ionic compounds; covalent compounds; chemical reactions; energy changes, reaction rates, and equilibrium; gases, liquids and solids; solutions; acids and bases; and nuclear chemistry.

Prerequisite: MTH 070 or placement

% **CH105 - Introductory Chemistry**

Credits - 5 Lecture - 4 Lab - 1

This course covers introduction to organic molecules and functional groups; alkanes; unsaturated hydrocarbons; organic compounds that contain oxygen, halogen, or sulfur; the three-dimensional shape of molecules; aldehydes and ketones; carboxylic acids, esters and amides; amihes and neurotransmitters.

Prerequisite: CH 104 or higher (CH110 & 221)

% **CH106 - Introductory Chemistry**

Credits - 5 Lecture - 4 Lab - 1

This course covers lipids; carbohydrates; amino acids, proteins and enzymes; nucleic acids and protein synthesis; metabolism and energy production; carbohydrate production; carbohydrate, lipid and protein metabolism; and body fluids.

Prerequisite: CH104, CH105, CH110, CH221, or CH222

% **CH110 - Foundations of Chemistry**

Credits - 5 Lecture - 4 Lab - 1

This course covers matter and measurements; Atoms and the periodic table; ionic compounds; covalent compounds; chemical reactions; energy changes, reaction rates, and equilibrium; introduction to gases, liquids, solids and solutions; introduction to organic molecules and functional groups; organic compounds in polymers and body; the three-dimensional shape of molecules; organic compounds that contain oxygen; introduction to biological functional groups.

Term(s) Offered: Fall, Winter, Spring

Prerequisite: MTH 062 or placement

% **CH221 - General Chemistry (Majors)**

Credits - 5 Lecture - 4 Lab - 1

This course covers atoms; measurement, problem solving and the mole concept; the quantum-mechanical model of the atom; periodic table of the elements; molecules and compounds; chemical bonding I; drawing Lewis structures and determining molecular shapes; chemical bonding II: valence bond theory and molecular orbital theory; chemical reactions and chemical quantities; introduction to solutions and aqueous reactions.

Students should have already completed MTH095 (or test equivalent) or be registered for MTH095 concurrently.

Prerequisite: MTH070

Corequisite: MTH095

Term(s) Offered: Fall

% **CH222 - General Chemistry (Majors)**

Credits - 5 Lecture - 4 Lab - 1

This course covers thermochemistry; gasses; liquids, solids and intermolecular forces; phase diagrams and crystalline solids; solutions; chemical kinetics; and organic chemistry. Students should have already completed MTH111Z (or test equivalent) or be registered for MTH111Z concurrently.

Term(s) Offered: Winter

Prerequisite: CH 221 and MTH095

Corequisite: MTH111Z

% **CH223 - General Chemistry (Majors)**

Credits - 5 Lecture - 4 Lab - 1

This course covers chemical equilibrium; acids and bases; aqueous ionic equilibrium; free energy and thermodynamics, electrochemistry; radioactivity and nuclear chemistry; and transition metals and coordination compounds.

Term(s) Offered: Spring

Prerequisite: CH 222 and MTH111Z

G Science

% **G101 - Introduction to Geology - Minerals and Rocks**

Credits - 4 Lecture - 3 Lab - 1

A study of the structure and composition of the Earth; minerals; sediments and soils; igneous, metamorphic, and sedimentary rocks. Students will also be introduced to geologic mapping, and groundwater.

Term(s) Offered: Fall, Winter

Prerequisite: MTH062 Recommended. Need not be taken in sequence. This becomes an elective if G201 is taken.

% **G102 - Introduction to Geology - Environmental Geology**

Credits - 4 Lecture - 3 Lab - 1

This course examines plate tectonics; geologic hazards such as earthquakes, volcanoes, and mass wasting; surface processes; and the use of geologic and atmospheric resources. Special consideration will be given to how human society interacts with these geologic systems.

Term(s) Offered: Winter

Prerequisite: MTH 062 Recommended. Need not be taken in sequence. This becomes an elective if G202 is taken.

% **G103 - Introduction to Geology - Historical Geology**

Credits - 4 Lecture - 3 Lab - 1

An overview of the geologic interpretation of the Earth’s history . Methods for interpreting the geologic record, the stratigraphic history of North America, and the continuity of life as it is interpreted from the fossil record will be discussed.

Term(s) Offered: Spring

Prerequisite: MTH062 Recommended. Need not be taken in sequence. This becomes an elective if G203 is taken.

% **G105 - Introduction to Geology: Pacific Northwest Geology**

Credits - 4 Lecture - 3 Lab - 1

This course uses examples from the Pacific Northwest to illustrate basic concepts in Geology. Students will be introduced to common rock types, plate tectonics, geologic phenomena, geomorphology, and the geologic history.

Prerequisite: MTH062 recommended

G198 - Special Studies

Credits - 1-3

This course is designed to provide interested and capable students special topics in geology. A study of the regional geology of the Pacific Northwest.

% **G201 - Physical Geology**

Credits - 4 Lecture - 3 Lab - 1

An in-depth study of the structure and composition of the Earth; minerals; igneous, sedimentary, and metamorphic rocks; tectonic structures; and different types of geologic maps.

Term(s) Offered: Fall

Prerequisite: MTH 070 or Placement and WR 115 or Placement Need not be taken in sequence. G 101, if it has been taken, becomes an elective if G201 is taken .

% **G202 - Physical Geology**

Credits - 4 Lecture - 3 Lab - 1

An in-depth study of the structure and composition of the Earth; mineral s; igneous, sedimentary, and metamorphic rocks; tectonic structures; and different types of geologic maps.

Term(s) Offered: Winter

Prerequisite: MTH 070 or Placement and WR 115 or Placement Need not be taken in sequence. G 102, if it has been taken, becomes an elective if G202 is taken

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% **G203 - Historical Geology**

Credits - 4 Lecture - 3 Lab - 1

A more in-depth study of the geologic interpretation of the Earth's history. Methods for interpreting the geologic record, the stratigraphic history of North America, and the continuity of life as it is interpreted from the fossil record will be discussed.

GEOG Science

= **GEOG101 - Physical Geography**

Credits - 4 Lecture - 4

Introduction to physical geography of the earth with specific emphasis on landforms, climate, vegetation, and soils and on the interaction between humans and these elements.

Prerequisite: WR 060 or Placement

Term(s) Offered: Fall, Winter, Spring

GS Science

% **GS111 - Physical Science/Forensic Science**

Credits - 4 Lecture - 3 Lab - 1

A one-term introduction to criminalistic theories and practices, including basic techniques of investigation. Topics include fingerprints, blood typing, photography and casting techniques. Course fulfills a laboratory science requirement.

Term(s) Offered: Winter

Prerequisite: MTH 025 or Placement

% **GS150 – Integrated Science**

Credits – 4 Lecture – 3 Lab – 1

A one term lab science course that develops concepts in natural, physical, and earth sciences to teach skills, critical thinking, and scientific literacy. Students will collect data to build and interpret scientific models, conduct scientific tests, communicate information, and apply scientific understanding to common everyday situations.

Prerequisite: MTH062 or higher

GS198 - Special Studies

Credits - 1-3

This seminar course is offered on the basis of demand and covers diverse topics in the natural and physical sciences.

PHY Science

% **PHY101 - Essentials of Physics**

Credits - 4 Lecture - 3 Lab - 1

This course introduces the nature of scientific inquiry, and apply fundamental concepts of physics to scenarios and situations to engage the student in critical thinking about how physics principles can be applied to everyday life situations.

Term(s) Offered: Winter, Spring

Prerequisite: MTH 062 Recommended

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^ PHY198 - Special Studies

Credits - 1-3

This course provides an opportunity for a student to participate in either a seminar or laboratory project outside of the regular class situation. The number of credits is variable and will be arranged by the instructor.

% **PHY201 - General Physics**

Credits - 5 Lecture - 4 Lab - 1

First of a three-course sequence that provides an introduction to basic principles in physics. This course introduces concepts of motion, force, energy, and fluids. This course is designed for students who require a non-calculus based physics course as part of their course of study.

Term(s) Offered: Fall

Prerequisite: MTH 112Z or higher. WR115 or placement

Preferred Prerequisite: WR227Z. This becomes an elective if PHY211 is taken.

% **PHY202 - General Physics**

Credits - 5 Lecture - 4 Lab - 1

Second of a three course sequence that provides an introduction to basic principles in physics. This course introduces concepts of motion, force, energy, and fluids. This course is designed for students who require a non-calculus based physics course as part of their course of study.

Term(s) Offered: Winter

Prerequisite: PHY 201 or PHY 211. This becomes an elective if PHY 212 is taken.

% **PHY203 - General Physics**

Credits - 5 Lecture - 4 Lab - 1

Third of a three course sequence that provides an introduction to basic principles in physics. This course introduces concepts of electricity, magnetism, and quantum theory. This course is designed for students who require a non-calculus based physics course as part of their course of study.

Term(s) Offered: Spring

Prerequisite: PHY 201 or PHY 211 This becomes an elective if PHY 213 is taken

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% **PHY211 - General Physics with Calculus**

Credits - 5 Lecture - 4 Lab - 1

First of a three course sequence that provides an introduction to basic principles in physics. This course introduces concepts of motion, force, energy, and fluids. This course is designed for students who require a calculus based physics course as part of their course of study; typically for degrees in Physical Science or Engineering.

Term(s) Offered: Fall

Prerequisite: WR 115 or Placement and MTH 112Z or higher; with MTH 251 as a corequisite.

Preferred Prerequisite: WR 227Z.

PHY 201, if it has been taken, becomes an elective if PHY 211 is taken

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% **PHY212 - General Physics with Calculus**

Credits - 5 Lecture - 4 Lab - 1

Second of a three course sequence that provides an introduction to basic principles in physics. This course introduces concepts of rotational and harmonic motion, mechanical waves, optics, and thermodynamics. This course is designed for students who require a calculus based physics course as part of their course of study; typically for degrees in Physical Science or Engineering

Term(s) Offered: Winter

Prerequisite: PHY 211 and MTH 251

PHY 202, if it has been taken, becomes an elective if PHY 212 is taken

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% **PHY213 - General Physics with Calculus**

Credits - 5 Lecture - 4 Lab - 1

Third of a three course sequence that provides an introduction to basic principles in physics. This course introduces concepts of electricity, magnetism, and quantum theory. This course is designed for students who require a calculus based physics course as part of their course of study; typically for degrees in Physical Science or Engineering

Term(s) Offered: Spring

Prerequisite: PHY 211 and MTH 252

PHY 203, if it has been taken, becomes an elective if PHY 213 is taken.

ANTH Social Science

~ **ANTH101 - Introduction to Physical Anthropology**

Credits - 4 Lecture - 4

Principles of evolution applied to evidence for human physical change and development; study of fossil humans and human variation. Satisfies science group requirements at some four-year colleges.

Prerequisite: WR 060 or placement

~ **ANTH102 - Introduction to Archaeology and Prehistory**

Credits - 4 Lecture - 4

Study of archaeological methods and evidence for the evolution of human cultures and an understanding of how and why cultures change.

Prerequisite: WR 060 or placement

! ~ **ANTH103 - Introduction to Cultural Anthropology**

Credits - 4 Lecture - 4

Study of the organization and functioning of selected world cultures, both Western and non-Western groups.

Prerequisite: WR 060 or placement

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^ **ANTH298 - Special Studies**

Credits - 1-3

Special topics in anthropology.

Recommended preparation: WR 060

EC Social Science

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^ **EC198 - Special Studies**

Credits - 1-3

This course is designed to provide interested and capable students special topics in economics.

~ **EC201 - Principles of Microeconomic Theory with Applications**

Credits - 4 Lecture - 4

Introduction to Microeconomics. Focuses on the behavior of individual consumers and business firms and how their interaction leads to a set of prices that act to allocate scarce resources among alternative uses. This course includes applications of microeconomic theory to current economic problems.

Prerequisite: WR 060 or Placement, MTH070 or higher. WR115 strongly recommended.

~ **EC202 - Principles of Macroeconomic Theory with Applications**

Credits - 4 Lecture - 4

Introduction to Macroeconomics. This course focuses on the behavior of economic aggregates or the economy as a whole. National income determination, measuring economic performance and public policy tools for dealing with inflation, unemployment, etc. are discussed. This course includes applications of microeconomic theory to current economic problems.

Prerequisite: WR060 or Placement, MTH070 or higher. WR115 strongly recommended.

GEOG Social Science

! ~ **GEOG103 - Human Geography**

Credits - 4 Lecture - 4

This course introduces students to the discipline of geography and studies patterns of a wide variety of topics including industry and economy, population, language, religion, ethnicity, urban patterns, politics, and the effects of globalization on these patterns.

Prerequisite: WR 060 or Placement

! ~ **GEOG120 - World/Regional Geography**

Credits - 4 Lecture - 4

This course studies world patterns of the natural and cultural environments and focuses on the place of each geographic region in the world community.

Prerequisite: WR 060 or Placement

~ **GEOG206 - Geography of Oregon**

Credits - 4 Lecture - 4

This course considers natural environment, population growth, and settlements. Special emphasis is placed on the historical geography of selected areas of the state. A study of the diverse landscapes of Oregon.

Prerequisite: WR 060 or Placement

GEOG298 - Special Studies

Credits - 1-3

Designed to provide interested and capable students with the opportunity to study special topics in geography.

Recommended preparation: WR 060

HST Social Science

! ~ **HST201 - History of the United States**

Credits - 4 Lecture - 4

History 201 provides a broad overview of the historical events that helped create the United States, as well as their causes. The goal is to acquaint students with major events of the region, their chronology and to stimulate creative and critical thought about the history of US.

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

! ~ **HST202 - History of the United States**

Credits - 4 Lecture - 4

This course begins with expansion and slavery, covers the Civil War and Reconstruction and concludes with the rise of the industrial state and the Progressive Era. The course will cover the period from c. 1815 to 1917.

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

! ~ **HST203 - History of the United States**

Credits - 4 Lecture - 4

This course begins with the Progressive Era and covers development through the Twentieth Century to the present.

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

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^ **HST298 - Special Studies**

Credits - 1-3

Specialized courses which may be Offered periodically depending on demand and availability.

Recommended preparation: WR 060

PS Social Science

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^ **PS198 - Special Studies**

Credits - 1-3

Designed to provide interested and capable students with the opportunity to study special topics in political science.

Recommended preparation: WR 060

~ **PS201 - American Government and Politics**

Credits - 4 Lecture - 4

This course begins by examining the Constitutional principles of the United States government. Students will learn about the decision making process behind American politics.

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

~ **PS202 - American Government and Politics**

Credits - 4 Lecture - 4

This course will provide an overview of American political institutions. Students will study individual rights and liberties. The term concludes with an examination of current national policy issues.

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

~ **PS203 - American Government/State and Local**

Credits - 4 Lecture - 4

Examines politics and government in the American states. Emphasis will be on the State of Oregon.

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

PSY Social Science

~ **PSY201 - General Psychology**

Credits - 4 Lecture - 4

The first of two survey courses on the basic concepts and principles of psychology. Specific topics include: the history of psychology and research methods of psychology; the biological basis of behavior, sensory and perceptual processes; states of consciousness including sleep and dreams; learning, memory, and intelligence. Emphasis is both theoretical and applied.

Prerequisite: WR 115

~ **PS202 - General Psychology**

Credits - 4 Lecture - 4

The second of two survey courses on the basic concepts and principles of psychology. Specific topics include: motivation, emotion, stress & health, human development, personality, psychological disorder and treatment, and social psychology. Emphasis is on both theory and application.

Prerequisite: PSY 201

~ **PSY237 - Human Development**

Credits - 4 Lecture - 4

A life-span examination of change and consistency as people age. Studies the stages of conception to birth, infancy, childhood, adolescence and adulthood as influenced by maturation and socialization. Includes discussion of research strategies and theories of behavior.

Prerequisite: PSY 201

SOC Social Science

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^ **SOC198 - Special Studies**

Credits - 1-3

This course is designed to provide interested and capable students special topics in sociology.

Recommended preparation: WR 060

! ~ **SOC204 - General Sociology: Sociology in Everyday Life**

Credits - 4 Lecture - 4

This course is a sociological study of social group behavior and social structures, emphasizing diversity and commonalities among groups within society. Topics are examined through the framework of sociological perspectives, encouraging critical thinking and personal responsibility about social issues.

Prerequisite: WR 060 or Placement

! ~ **SOC205 - General Sociology/Institutions and Social Change**

Credits - 4 Lecture - 4

This course introduces the following major social institutions: family, religion, education, economics, politics, and health care and the problems and issues existing within each. The focus is on modern American society and the impact of social change on major institutions.

Prerequisite: WR 060 or Placement

! ~ **SOC213 - Minorities**

Credits - 4 Lecture - 4

A survey of minority groups, with special emphasis on local groups in which causes and consequences of minority status are examined. By confronting the pervasive nature of prejudice and discrimination, we will explore the dynamics of institutionalized racism, focusing specifically on race relations within our social institutions. The political, economic, and social lives of several groups - White Ethnic Americans, Native Americans, Asian Americans, Latinos and African Americans will be explored.

Prerequisite: WR 060 or Placement

! ~ **SOC217 - Family and Society**

Credits - 4 Lecture - 4

This course covers the historical development of the family as an institution, its structure and functions, and changes in contemporary American society. Emphasis is placed on changes that produce societal and individual stress.

Prerequisite: WR 060 or Placement

TA Theatre

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* **TA101 - Introduction to the Theatre**

Credits - 4 Lecture - 4

This course provides an introduction to the world of the theatre by exploring the origins of drama, historical and contemporary styles of playwriting and theatrical performance, the components of a stage production, and the many functions of the artists and craftspeople who collaborate to make theatre happen.

Term(s) Offered: Fall, Winter

Prerequisite: WR 060 or Placement, WR 115 strongly recommended.

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* **TA141 - Fundamentals of Acting Techniques**

Credits - 4 Lecture - 4

Introduction to the fundamentals of acting and the use of acting skills for personal and professional growth. Class exercises focus on body, voice, memorization, increased self-awareness, relaxation, and giving and receiving constructive feedback. Students learn to apply fundamental acting terminology and techniques through character and scene analysis.

This is the first in a three-course sequence.

Prerequisite: WR060 or Placement, WR115 strongly recommended.

Term(s) Offered: Fall

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* **TA142 - Fundamentals of Acting Techniques**

Credits - 4 Lecture - 4

Students are introduced to in-depth character analysis and more advanced scene work. Performance material includes a ten-minute play and monologue written in contemporary language. Other topics include development of the actor's voice, release of tension, script analysis, and analyzing the work of other actors.

This is the second in a three-course sequence.

Prerequisite: WR060 or Placement, WR115 strongly recommended.

Term(s) Offered: Winter

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* **TA143 - Fundamentals of Acting Techniques**

Credits - 4 Lecture - 4

Continued in-depth character and scene work. Students learn to believably and compellingly act in scenes and monologues from contemporary or classic dramatic literature with heightened emotional stakes. Topics include auditioning techniques, development of the actor's voice, relaxation, script analysis, and analyzing the work of other actors.

This is the third in a three-course sequence.

Prerequisite: WR060 or Placement, WR115 strongly recommended.

Term(s) Offered: Spring

UAS Unmanned Aircraft Systems

UAS101 – Unmanned Aircraft Systems I

Credits – 4 Lecture – 4

Students will gain a working knowledge of the equipment and principles commonly utilized in the different classes of unmanned aircraft systems (UAS). Discussions will include developing an understanding of the different components and programming associated with a UAS as well as applicable laws, safety, operation, and applications. A survey of industry use cases is included.

> **UAS110 – Introduction to Unmanned Aerial Systems**

Credits – 4 Lecture – 2 Lecture/Lab – 2

Students will gain a working knowledge of equipment and principles commonly utilized in the different classes of unmanned aerial vehicle systems (UAV's). Discussions will include developing an understanding of the different components and programming associated with a UAV as well as applicable laws, safety, operation, and applications. Agricultural applications will be emphasized. Students will be prepared to take the Part 107 certification exam from the FAA.

UAS111 – Ground Flight Training

Credits – 4 Lecture – 2 Lecture/Lab – 2

This course reinforces UAS101. This course will educate and prepare students for live flight training. Students will gain an understanding of flight planning, safety, obtaining weather, and executing simulation flights using advanced mission planning software such as Piccolo, or another comparable system.

Prerequisite: UAS101

UAS112 – UAS Flight Training I

Credits – 4 Lecture – 4

This course develops initial VLOS flight training on basic multi-rotor, and fixed-wing aircraft in controlled and uncontrolled airspace environments. Students build proficiency on multiple platforms to include takeoff, landing, maneuvering, emergency procedures, and mission planning.

UAS113 – UAS Maintenance

Credits – 4 Lecture – 2 Lecture/Lab – 2

This class develops UAS system maintenance and theory. Topics include maintenance troubleshooting, time changes, servicing, inspections, expanded system theory, flight line safety, work practices, documentation, supply chain management, and intro to FAA aviation maintenance requirements.

UAS114 – UAS Sensor and Communication Systems I

Credits – 4 Lecture – 2 Lecture/Lab – 2

This course develops an introduction to, and theory of operation of, UAS sensor types, communications data links, and data analysis with Geographic Information Systems (GIS). The course includes a survey of several sensor manufacturers and a hands-on sensor lab demonstrating sensor use, data, and communication systems.

UAS115 – UAS Flight Training II

Credits – 4 Lecture/Lab – 4

This course develops advanced VLOS and initial BVLOS flight training on basic multi-rotor, and fixed-wing aircraft in controlled and uncontrolled airspace environments. Topics include sensor employment, advanced mission planning, complex terrain flight, in-flight troubleshooting, and the FAA BVLOS waiver process.

UAS210 – UAS Maintenance II

Credits – 4 Lecture – 2 Lecture/Lab – 2

This advanced class goes beyond the theory and principles of UAS systems maintenance and operations. Topics include system configuration control, advanced troubleshooting and repair, UAS modifications, FAA system certification, and maintenance. Students will conduct test and certification flights on various UAS platforms.

Prerequisite: UAS113

> **UAS211 – UAS Sensor and Communication Systems II**

Credits – 5 Lecture – 2 Lecture/Lab – 3

This course develops an advanced knowledge of the application and operation of UAS sensor types, communications data links, nd data analysis with Geographic Information Systems (GIS). Course topics include sensor data analysis, analytical algorithms, tactics and procedures for sensor use, sensor system troubleshooting, communications, and system troubleshooting.

UAS212 – UAS Flight Training III

Credits – 4 Lecture – 2 Lecture/Lab – 2

This course develops advanced mission planning for specific industry use cases. Use cases include energy, agriculture, facilities, surveillance, law enforcement, security, firefighting, carbon detection, and military.

Prerequisite: UAS112 and UAS115

UAS280 – CWE: Unmanned Aircraft Systems

Credits – 1-4 Lecture – 4

Cooperative Work Experience (CWE) provides a real-world experience in the UAS industry, such as the Pendleton UAS Range or other industries. Students must complete 33 hours of work for each credit of CWE. Three credits of CWE are required for the Unmanned Aircraft Systems AAS, giving a total of 99 hours in the workplace. CWEs may be either paid or unpaid. A CWE contract is signed by the instructor, student, and supervisor, and is required to be on file at BMCC by the end of the third week of the term.

WLD Welding

> **WLD111 - Basic Gas and Arc Welding**

Credits - 3 Lab - 3

In introduction to welding practices including oxyacetylene welding and cutting, arc welding, welding rod identification and application, properties of metals, joint preparation, and weld faults and identification.

Term(s) Offered: Fall, Winter, Spring

> **WLD112 - Advanced Arc Welding**

Credits - 3 Lab - 3

An advanced level course for students who know welding safety, basic practices and terminology. Student will learn higher-level practices and improve their skills learned in the basic class.

Term(s) Offered: Fall, Winter, Spring

> **WLD221 - TIG Welding**

Credits - 3 Lab - 3

Designed for students who have basic level welding skills to introduce Tungsten Arc Welding techniques including the setup of equipment for the welding process.

Term(s) Offered: Fall, Winter, Spring

> **WLD253 - Welding Practices for Certification**

Credits - 3 Lab - 3

Designed for students who have advanced level arc welding skills to prepare for structural certification. Weld coupons will be tested and documented when they have passed the required weld strength and quality.

Term(s) Offered: Fall, Winter, Spring

> **WLD256 - Pipe Welding for Certification**

Credits - 3 Lab - 3

Designed for students who have advanced level arc welding skills to introduce pipe-welding techniques to prepare for pipe welding certification. Weld coupons will be tested and documented when they have passed the required weld strength and quality.

Term(s) Offered: Fall, Winter, Spring

Degree and Transfer Information

- Non-Transfer Degree and Certificate Options
- Transfer Degree Options
- Transfer Status
- Apprenticeship
- BMCC General Education Outcomes

Non-Transfer Degree and Certificate Options

ASSOCIATE OF GENERAL STUDIES DEGREE (AGS) This is a non-designated two-year degree that is not intended for transfer. The AGS consists of both career and technical education (CTE) courses and college-transfer courses. A total of 90 credits are required for this degree. All courses must be completed with a grade of "C" or better. Students must have a minimum cumulative GPA of 2.0 at the time the AGS is awarded.

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS) This degree is awarded to students who complete the requirements of a two-year designated program as outlined in the college catalog. These degrees are two-year designated career and technical programs requiring a minimum of 90 credits. Each degree listed on the following pages includes program and foundational requirements designed to meet core competencies that meet state requirements for writing, speech, mathematics/computer science, human relations, and general education.

CERTIFICATE OF COMPLETION (CC/SCC) A certificate of completion is awarded to students who complete the requirements of a specific curriculum that requires less than two academic years. A certificate of completion is less than 90 credits and must include at least 9 credit hours of foundational requirement courses in the areas of communication, computation, and human relations. A Statewide Certificate of Completion (SCC) is a Certificate of Completion that was created at the State level rather than by the college but is functionally the same. For specific program requirements, see the Program Description section of this catalog. Program requirements are subject to change. Please consult with an advisor for the most up-to-date information.

CAREER PATHWAYS CERTIFICATE OF COMPLETION (CPCC/SCPC) This is a less-than-one-year certificate in which all courses are contained within an existing AAS or certificate program. The career pathway certificate provides a credential to acknowledge skill proficiency tied to a specific occupation, allowing the student to select that occupation or apply all coursework to an associated certificate or AAS degree. A Statewide Career Pathways Certificate of Completion (SCPC) is a Career Pathways Certificate of Completion that was created at the State level rather than by the college but is functionally the same.

Transfer Degree Options

ASSOCIATE OF ARTS OREGON TRANSFER (AAOT) This is a state-authorized degree that prepares students to transfer into upper-division courses within general baccalaureate degree programs.

ASSOCIATE OF ARTS OREGON TRANSFER - ELEMENTARY EDUCATION (AAOT-Education) A major-specific degree that indicates satisfactory completion of a course of study that is intended for students to enter into education programs in an Oregon public university with junior standing.

ASSOCIATE OF SCIENCE OREGON TRANSFER (ASOT) An ASOT degree is a major-specific undergraduate award that indicates satisfactory completion of a course of study that is intended to prepare students to enter into an Oregon public university in a specific Bachelor of Science degree program. BMCC offers an ASOT degree in Computer Science (ASOT-CS).

ASSOCIATE OF SCIENCE (AS) This degree is a state-authorized associate degree that is intended to prepare students to transfer into a baccalaureate degree program in areas such as Business, Science, Mathematics, or Engineering.

ASSOCIATE OF SCIENCE TRANSFER (AST) A major specific degree that indicates satisfactory completion of a course of study that is intended to prepare students for transfer to an Oregon public university and have junior standing in a specific Bachelor of Science degree program. BMCC offers an AST degree in Business (AST-Bus).

Oregon Transfer Module and Transfer Maps

The Oregon Transfer Module (OTM) is not a degree but is a block of classes intended to provide a subset of general education courses that can be transferred as a block toward university requirements.

Core Transfer Maps are a group of at least 30 college-level academic credits that, when completed, will transfer and be counted toward the student's degree requirements at any public university in Oregon. Major Transfer Maps, when completed, will allow students to

transfer into any Oregon public university or community college that offers a bachelor's degree in the student's completed degree program without losing standing.

Transfer Status

Any student who completes an AAOT, AS, or ASOT degree that conforms to the guidelines set forth herein, and who transfers to any institution in the Oregon University System, will have met the lower division general education requirements of that institution's baccalaureate degree programs. Students transferring with this degree will have junior standing for registration purposes but at not guaranteed admittance to a university or to a program, nor assured junior-level standing in a particular major.

Apprenticeship

Apprenticeship training as a method of career and technical education is recognized by the Apprenticeship and Training Division of the Oregon Bureau of Labor and Industries (BOLI). It combines on-the-job training and trade-related instruction taken in conjunction with each other. Apprenticeship courses are approved for BOLI-registered apprentices or journey-level workers and are not available to the general public.

BMCC's apprenticeship program offers Statewide Associate of Applied Science degrees (SAAS) and certificates of completion for journeymen in the areas of inside electrician, manufacture plant electrical, limited maintenance electrical, plumbing, industrial maintenance mechanic, and programmable logic controller technician as part of Oregon's community college statewide apprenticeship degree program. The program provides statewide transfer opportunities, certificates of completion, and an optional transfer path into either a Bachelor of Applied Science in Technology and Management or a Bachelor of Science degree in Operations Management at the Oregon Institute of Technology. Electricians and plumbers require state licensure. Related training courses meet industry standards and are offered through a partnership between the Oregon State Apprenticeship Training Council and the local Joint Apprenticeship Training Committee.

If you are interested in becoming registered in an Oregon State Apprenticeship program, please contact the Oregon State Bureau of Labor and Industries Apprenticeship Training Division at 971-673-0761 or www.boli.state.or.us for program and entrance requirements. For more information on BMCC's apprenticeship certificates and degrees, see pages 58, 65-66, and 69 of this catalog, or contact the Director of Apprenticeship at 541-278-5854.

BMCC General Education Outcomes

The education of undergraduate students who obtain a transfer degree is an essential activity of all Oregon community colleges and universities. This requires an effective General Education curriculum that aligns with Statewide General Education Outcomes. Through the course offerings necessary to attain a transfer degree, BMCC students will have achieved the following general education outcomes:

Arts & Letters

- Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life; and
- Critically analyze values and ethics within a range of human experience and expression to engage more fully in local and global issues.

Cultural Literacy

- Identify and analyze complex practices, values, and beliefs and the culturally and historically defined meanings of difference.

Mathematics

- Use appropriate mathematics to solve problems; and
- Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.

Science or Computer Science

- Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions;
- Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically evaluate existing or alternative explanations, solve problems, and make evidence-based decisions in an ethical manner; and
- Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

Social Science

- Apply analytical skills to social phenomena in order to understand human behavior; and
- Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

Speech/Oral Communication

- Engage in ethical communication processes that accomplish goals;
- Respond to the needs of diverse audiences and contexts; and
- Build and manage relationships.

Writing

- Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences;
- Locate, evaluate, and ethically utilize information to communicate effectively; and
- Demonstrate appropriate reasoning in response to complex issues.

Information Literacy

- Formulate a problem statement;
- Determine the nature and extent of the information needed to address the problem;
- Access relevant information effectively and efficiently;
- Evaluate the information and its source critically; and
- Understand many of the economic, legal, and social issues surrounding the use of information.

Inter-College Partnerships and Articulated Degree Programs

Inter-College Partnerships

Eastern Oregon University Dual Admission: Through an agreement with Eastern Oregon University (EOU), BMCC students may be jointly admitted to BMCC and EOU and be eligible to enroll concurrently at both institutions. There is a joint application process for eligible students; the admission deadline is one week before the start of classes of each term based on EOU's academic calendar. Students enrolled in the program are required, as a condition of admission, to agree that their student records will be shared between and available to each institution. For more information on this program, contact BMCC's Recruitment and Retention Office at 541-278-5853.

Oregon State University Dual Admission: Through an agreement with Oregon State University (OSU), BMCC students may be jointly admitted to BMCC and OSU and be eligible to enroll concurrently at both institutions. There is a joint application process for eligible students; the admission deadline is one week before the start of classes of each term based on OSU's academic calendar. Students enrolled in the program are required, as a condition of admission, to agree that their student records will be shared between and available to each institution. For more information on this program, contact BMCC's Recruitment and Retention Office at 541-278-5853.

Articulated Degree Programs

BMCC enjoys articulation agreements with a variety of institutions. The following agreements allow you to attain your degree while staying in your local area.

Central Oregon Community College: Pharmacy Technician Program

BMCC has partnered with Central Oregon Community College to offer this distance education three-term program developed to prepare individuals for employment in the pharmacy industry. Some current practice areas for a pharmacy technician include retail, hospital, manufacturing, disease state management, and mail order and insurance claim specialists. The pharmacy technician processes prescriptions and medication orders and plays an integral role in maintaining the pharmacy department.

For more information, please see: http://www.bluecc.edu/academics/degree-partnership-programs/pharmacy-technician

The program will prepare students to take the national certification examination to become a certified pharmacy technician as required by the Oregon Board of Pharmacy and to be employed in a pharmacy setting.

For questions about the program or application process, contact:

- COCC: Stephanie O'Bryan, CPhT, Program Director, (541) 383-7554 or via email: sobryan@cocc.edu
- Please contact Recruitment and Retention at 541-278-5853 for more information about this program.

Colby Community College: Veterinary Technician

Blue Mountain community college offers a Veterinary Technician Preparation (Vet Tech Prep) program in partnership with Colby Community College's Distance Learning Veterinary Technology Program (DLVTP). Start your studies by completing the pre-requisite courses at Blue Mountain Community College then apply for admission to Colby Community College's DLVTP.

For more information please see https://www.colbycc.edu/academics/associate-of-applied-science/veterinary-technician/index.html. or contact Leah Smith at 541-278-5847

Eastern Oregon University: Teacher Education Programs

BMCC students seeking Teacher licensure in the state of Oregon have two options through a partnership with EOU. Both programs prepare a student to enter the Master of Arts in Teacher (MAT) at EOU which allows individuals to become licensed teachers in either elementary or secondary settings.

Students may complete their own lower-division content area pathway by following the education fast track, https://www.eou.edu/pathways/files/2016/04/FTT-BMCC-ELED.pdf EOU's undergraduate initial teacher preparation in elementary education spans two years, pairing coursework alongside practical classroom experiences every term and culminates with full-time student teaching. The program prepares candidates with full-time student teaching. The program prepares candidates for an Oregon teaching license with two endorsements, Elementary - Multiple Subjects and ESOL, in a cohort setting either in LaGrande or Hermiston.

For secondary licensure, students will complete a Bachelor's degree in any discipline through a combination of lower division courses (AAOT courses at BMCC) and upper division courses at EOU. Once a student has completed a Bachelor's degree, they are required to complete the MAT program in order to earn their secondary teaching license.

EOU has an advising center at the BMCC Hermiston Center and on the main campus in Pendleton. An EOU education faculty member is available for appointments at both locations. For more information, please contact the College of Education at https://www.eou.edu/cobe/ed/ or contact Tamara Short at 541-278-5941

Lewis and Clark State College

Upon completion of the Associate of Arts (AA), Associate of Science (AS), or Applied Associate of Science (AAS) degree at BMCC, academic credit courses taken at BMCC will be transferred to LC State. Students who complete an Associate of Arts Oregon Transfer (AAOT), Associate of Science (AS), Associate of Science Oregon Transfer/Computer Science (ASOT/CS), or Associate of Science Oregon Transfer/Business (ASOT/BUS) degree will be considered core certified and, unless a specific core-level class is required for a specific baccalaureate program, will have satisfied all lower-level core requirements.

Programs such as Education, Nursing, and Social Work require additional application processes. Admission to programs with separate application processes is not guaranteed under the provisions of this agreement.

Please contact Recruitment and Retention at 541-278-5853 for more information about this program.

Linn-Benton Community College: Diagnostic Imaging Technology (DIT)

BMCC has partnered with Linn-Benton Community College to offer a distance education program for diagnostic imaging. Using a combination of clinical instruction, online courses within the college learning management system, and the synchronous virtual classroom environment, distance education students can receive dynamic instruction to help them achieve their learning goals.

The Diagnostic Imaging Program prepares students through a progressive, outcome-based educational format. Modules of study include radiation protection, radiographic procedures, image production and evaluation, equipment maintenance operation, patient care and management, and clinical radiography.

The purpose of this program is to prepare students to practice as proficient, multi-skilled professionals in culturally diverse healthcare settings; to demonstrate outcomes required by the American Registry of Radiological Technologists (ARRT) and The American Society of Radiological Technologists (ASRT) Course Curriculum Guide, and to apply for and successfully complete ARRT certification examinations. Upon completion of the program and the general education requirements, students will be eligible to apply for an associate of applied science degree through Linn-Benton Community College.

The Diagnostic Imaging Program is highly prescriptive and entails several key elements. Please contact Recruitment and Retention at 541-278-5853 for more information about this program.

Linn-Benton Community College: Occupational Therapy Assistant Program

BMCC has partnered with Linn-Benton Community College to offer a two-year Associate's degree program designed to prepare the student to function as an entry-level occupational therapy assistant (OTA).

OTAs work under the supervision of occupational therapists to help clients develop, maintain, and/or regain health and function through the use of purposeful activity. They address physical, mental, and social components of activity as they work with clients to improve the underlying cause of impairment and/or to adapt activities for client success. This program follows a hybrid-delivery model in which the classroom portion is delivered online (to allow participation by students at remote sites) and the laboratory and clinical portions are delivered locally and at partner sites throughout Oregon. Graduates will be eligible and prepared to sit for the national certification examination.

Please contact Recruitment and Retention at 541-278-5853 for more information about this program.

Washington State University - Tri-Cities

The Bridges program is intended to boost four-year public university degree attainment in the mid-Columbia region. It enables students to begin an Associate of Arts - Oregon Transfer (AAOT) or Associate of Science Oregon Transfers (ASOT/Bus, ASOT/CS) at BMCC and declare their intent to finish their Bachelor of Arts or Bachelor of Science (BA/BS) degree at WSU Tri-Cities.

Bridges provide a seamless process designed to serve the needs of students in northeast Oregon and surrounding communities to reduce many of the barriers that can occur for transfer students upon matriculation into a four-year university or college.

Students who participate in the Bridges program are expected to abide by the catalog and code of conduct for the institution at which they are enrolled.

BMCC and WSU Tri-Cities will hold an information session during each fall and winter quarter of the academic year that will be open to all transfer-eligible BMCC students and other prospective students. The purposes of the sessions are to:

- Explain Bridges and its benefits.
- Invite students to join Bridges and provide the Declaration of Intent to those interested in Bridges.
- Highlight information about policies and procedures, advising, financial aid, scholarships, student organizations, and other student services.
- Provide students the opportunity to meet faculty and academic advisors to learn about their academic areas of interest.
- Share information about research and internship opportunities.

In addition to the formal Bridges information sessions, WSU Tri-Cities admissions staff will also have access to BMCC's student success workshops, freshman seminars, orientations, or other appropriate classes to give admissions presentations.

Please contact Recruitment and Retention at 541-278-5853 for more information about this program.

Wenatchee Valley Community College: Medical Laboratory Technician (MLT) Program

BMCC has partnered with Wenatchee Valley College to offer this two-year degree to provide students with the general knowledge and basic skills needed for this allied health profession.

During the preparatory first three quarters of the first year, the typical MLT student takes general education courses and specialized medical laboratory courses designed to provide a solid base for the second year of on-the-job training. Students spend the second year in medical laboratory facilities that have agreed to be training centers, while simultaneously taking theoretical supporting courses.

BMCC: Philip Schmitz, (541) 278-5743 or via email: pschmitz@bluecc.edu.

Other Programs

Student Services

Student Life

BMCC Athletics

BMCC participates in both the Northwest Athletic Conference (NWAC) and the National Intercollegiate Rodeo Association (NIRA). The NWAC is the parent organization for 36 community

colleges in Oregon, Washington, and Idaho. BMCC sponsors athletic teams under the NWAC, including women's volleyball, men's and women's basketball, women's softball, men's baseball and women's and men's soccer. BMCC will also be adding men's and women's golf in the 2024-2025 season. The BMCC rodeo team competes in the NIRA Northwest Region with universities and colleges from Oregon, Washington, and Idaho. NWAC and NIRA colleges provide a variety of academic and vocational offerings as well as many enrichment activities for their students.

Under the guidance of BMCC's coaches and athletic director, student athletes are part of an athletic program that:

- Stresses academic, personal, and athletic excellence
- Strengthens success-producing traits such as dedication, discipline, focus, integrity, communication, organization, and leadership
- Emphasizes the value of teamwork
- Creates a positive, lasting memory of BMCC for each athlete

Since 1962, BMCC has been a member of the Northwest Region and competes in the National Intercollegiate Rodeo Association. During this time, BMCC rodeo has won 35 regional titles, 5 national titles, and five top 5 finishes in the nation. The BMCC rodeo teams have had several athletes move on to compete in the Professional Rodeo Cowboys Association (PRCA) circuit and become world and national champions.

BMCC Athletic games are free for students, so we hope you can come to a game and cheer on the Timberwolves!

If you are interested in becoming a member of the Timberwolves athletics programs, please visit www.bmcctimberwolves.com and fill out the recruitment form.

Athletic Director - Brad Baker	541-278-5809
Assistant Athletic Director - Jordan Hillmick	541-278-5964
Athletic Trainer,	541-278-5868
Baseball, Men's - Derrick Bettinson	541-278-5908
Basketball, Men's - Doug Baxter	541-278-5893
Basketball, Women's - Adam Driver	541-278-5894
Rodeo, Men's -	541-278-5896
Rodeo, Women's - Jade Benevides	541-278-5896
Soccer, Men's - Oscar Alegria	541-278-5967
Soccer, Women's - Jordan Hillmick	541-278-5964
Softball, Women's - Ben Knopf	541-278-5895
Women's Volleyball - Ceanna Larson	541-278-5910

Clubs: A variety of student activities are available which enhance the cultural atmosphere of the campus and provide educational, recreational, social, and leadership opportunities for interested students. Some of these clubs include: The Network Club, Fueling the Future Diesel Club, Smoke and Mirrors (Writing Club), and Phi Theta Kappa Honor Society. For more information contact the Associated Student Government (541) 278 -5958.

Phi Theta Kappa is the international honor society for two-year colleges. The Society recognizes and encourages academic achievement and provides opportunities for individual growth and development through scholarship, leadership, service, and fellowship. Students must have a cumulative 3.5 GPA in order to become members.

The BMCC chapter is Beta Delta Zeta and meets weekly throughout the academic year. Students regularly participate in service and research activities on campus. Leadership positions are available. For more information about this program, please see the chapter's website at http://bluecc.edu/support-services/student-life/phi-theta-kappa.

Student Ambassadors: BMCC student ambassadors represent various regions, programs, and interests of the student body. They participate in recruitment events and college fairs, visit high schools, give campus tours, communicate with potential students, and represent BMCC to the community.

The student ambassadors' primary function is to provide leadership, assistance, and information to prospective BMCC students. The program is an exciting opportunity that helps students develop their leadership skills, while making lifelong friends. By becoming an

ambassador, you can make a difference in a prospective student's outlook by giving him/her information about the transition into college life and how to make the most out of the college experience.

In exchange for weekly service, student ambassadors receive scholarships and leadership training. Each spring, the college selects ambassadors for the following academic year. For more information contact the Recruitment and Retention Department at 541-278-5853.

Student Government: The Associated Student Government (ASG) at BMCC has an active student government. ASG is responsible for planning various cultural, governmental, and entertainment events, as well as contributing to college governance committees. ASG sponsors a variety of events each quarter (Fall-Spring). The events include student appreciation lunches, Holiday Dinner, American Red Cross blood drives, an Arts and Culture Festival, and much more.

The Executive Committee of the ASG consists of the President, Vice President, Secretary, Treasurer, Activities Coordinator, Outreach Coordinator, and Publicity & Marketing Coordinator. The remaining members of the ASG are Student Senators. If you would like to apply to ASG, applications are located on the BMCC website and are due April 30th of each year for the following year. If you are interested in ASG or would like additional information, please call (541) 278 -5861. All BMCC students are encouraged to become involved.

Theatre Arts and College Community Theatre

For over 50 years, BMCC has enjoyed a unique collaboration with the College Community Theatre (CCT), the local community theater company. CCT produces multiple productions each academic year in the 270-seat Bob Clapp Theatre on the BMCC Pendleton campus. These productions provide creative opportunities and valuable hands-on experience for students and volunteers alike while presenting first-rate theatre for the enjoyment of audiences throughout the region.

For more information contact the BMCC Fine Arts Department at 541-278-5944 or email theatre@bluecc.edu.

Or visit us at http://bluecc.edu/community/college-community-theatre

Betty Feves Memorial Art Gallery

The Betty Feves Memorial Art Gallery is located on the Pendleton campus. During the fall, winter, and spring terms, a variety of local and regional artists are featured in the gallery. Opening receptions are held for each show, which provides opportunities for students, staff, and the community to meet and talk with the artists. Every spring the gallery hosts the Annual BMCC Student Art Show, which features awards, prizes, and an opening reception. The gallery's vision is to provide an important educational tool, to foster an appreciation for the richness and diversity of art, and to provide personal and professional development by supporting artistic expression. For more information contact the Gallery Director at 541-278-5952.

Advising

All degree-seeking students, whether full or part-time, are assigned an Advisor and a Navigator upon admission to the college. However, Advisors and Navigators are available for all students at BMCC, whether degree-seeking or not. Advisors and Navigators work together to help students effectively meet their educational goals.

Navigators

Navigators provide students with support, information, and access to important resources. A Navigator will help students learn how to navigate college systems and act as a liaison between the student, academic advising, and all student services offered at BMCC. Some of these services include orientation to college life, veterans' assistance, transfer guidance, career guidance, tutoring, health and wellness resources, and disability support services.

Academic Advising

Advisors meet with students at designated academic progress points to help students plan, develop, and stay on track with their academic career pathway. Advisors work with students to help ensure they are taking classes that are appropriate for the student's level of readiness and apply to their chosen degree plans.

Students with Special Needs

Special Needs Contact Statement:

Persons having questions about or requests for special needs or accommodation should contact the Director, Student Resource Center, at Blue Mountain Community College, 2411 NW Carden Ave, Pendleton OR 97801, Phone 541-278-5958 or use Oregon Relay (7-1-1) for hearing impaired assistance. Contact should be made 72 hours in advance of the event.

Coordinator Information:

Section 504 Coordinator

Director, Student Resource Center: 541-278-5958

2411 NW Carden Avenue, Pendleton, OR 97801

Title IX Program Coordinator

Chief Human Resources Officer, 541-278-5947

2411 NW Carden Avenue, Pendleton, OR 97801

Student Health & Wellness

Health & Wellness Resource Center

The Student Health & Wellness Resource Center (HWRC) is located in the Garrett Lee Smith Memorial Library in Morrow Hall. Employing a whole-health perspective, the HWRC offers services that recognize the mental, emotional, spiritual, and physical concerns of students. The HWRC uses a proactive approach to well-being through informational workshops, group connections, and referrals to community resources. We are also working to develop a safe college atmosphere through drug and alcohol education, sexual assault and violence awareness, and life balance. Students are welcome to drop in for a quiet place to study, relax, or seek assistance.

Online Bookstore

BMCC has partnered with Akademos to provide bookstore services online at bluecc.textbookx.com. Finding your required course materials is incredibly easy. Simply sign on with your BMCC Online credentials and you will be shown a custom list of your courses and any required course materials. On our Online Bookstore website, you will also find BMCC logo clothing and gift items. If you are ever in need of assistance simply click on HELP on the top menu bar on the Online Bookstore website to reach customer service by phone or email.

Library and Learning Hub

The Library and Learning Hub at Blue Mountain Community College is an advocate of scholarship, cultural awareness, the pursuit of knowledge, and student success. Through intentional outreach, the Library and Learning Hub serves as an intellectual crossroads for the college, providing access to academic support resources available on the Pendleton campus, across our network of centers, and virtually. We enhance our community's opportunity for intellectual discovery and lifelong learning via student-focused service, responsible resource stewardship, and information literacy efforts that connect people with knowledge.

Library

Located in Pioneer Hall on the Pendleton campus, the physical space of the Library provides a welcoming environment for learning through a variety of group and individual study spaces. The Library is equipped with multiple computers and offers laptops for checkout on a term-by-term basis. The Library's print and online collections are selected and maintained to meet the academic needs of the institution. Additionally, the Library is a member of the SAGE Library system, a consortium of more than 77 libraries in eastern Oregon from which patrons can easily borrow and return materials. Interlibrary Loan services are available to all faculty and students for requesting items that are beyond our region.

The Library's extensive online resources are available to all Blue Mountain Community College library card holders. These materials and services can be accessed via the Library's homepage, www.bluecc.edu/library, and include eBooks, Library databases offering full-text content, streaming media, and Research Guides that support learning via tutorials and suggested resources by discipline. All online research resources are accessible 24/7 from your favorite study location!

If you need help getting started, you are encouraged to contact a Library staff member for assistance in navigating Library resources. From brainstorming, and working through your thesis, to finding just the right research, our Library Director is available to assist you in person, on chat, via e-mail, or Zoom. Research assistance is also available via chat during regular library open hours and 24/7 through the State Library of Oregon's, "Ask a Librarian" link.

Regardless of when and where you take classes at BMCC, learning to find, use, and evaluate information is a key skill set that you will use in any profession and throughout your life. The Library's mission is to support your skills and academic success, for more information please go to the Library's website, www.bluecc.edu/library, email: library@bluecc.edu, or call, 541-278-5915.

Digital Literacy Skills

The Library and Learning Hub has partnered with the State Library of Oregon to provide Northstar Digital Literacy tools to BMCC students. Digital Literacy is defined as the basic skills needed to perform tasks on computers and online. Northstar Digital Literacy is a self-directed assessment and learning tool that covers a variety of technology scenarios. It contains short lessons and practice exercises to improve skills on many common topics, including computer skills,

software skills, and using technology in daily life. The Northstar resource is available 24x7 on the library webpage, and library staff are available to help with the resource during regular hours.

Tutoring Services

BMCC's goal is to provide as many resources as possible to facilitate students' academic success. Part of being a successful student is taking advantage of the help available before you get to the point of feeling overwhelmed and/or are in danger of failing your course. The Library and Learning Hub offers both peer and professional tutoring to help support students in their academic pursuits. We offer a wide range of tutor availability, striving to meet the needs of all students, whether they are on-site at one of our locations or via online learning. We have drop-in tutoring available at most locations as well as providing tutors remotely, utilizing distance technology such as Zoom.

BMCC subscribes to Brainfuse, an online program that provides students 24/7 access to live tutors. Brainfuse aids in writing, math, accounting, statistics, finance, economics, biology, anatomy & physiology, physics, chemistry, office applications, and Spanish. Students who have used Brainfuse have favorable reports regarding help with homework and have stated that they would recommend this service to friends. You can access Brainfuse online tutoring through any Canvas course.

All tutoring is provided at no cost to all BMCC students. Students interested in receiving tutoring can access up-to-date information at https://libguides.bluecc.edu/tutoring.

Technology Support

BMCC's IT department provides a Help Desk to assist with technology issues. Call 541-278-5827 or email helpdesk@bluecc.edu.

eLearning Education

eLearning is any kind of learning in which students and the instructor are separated by time and/or place. You will need to have access to the internet and a current laptop or desktop computer. It can be delivered using various methods, including:

- DISTANCE CLASSROOM: The course meets at a specific time at a BMCC site and you will join using web conference technology. Your instructor will not be in the room; he/she will be lecturing live from another location. In-person attendance is expected.
- ZOOM (synchronous): The course meets at a specific time; attendance is expected but you can join remotely from any location using web conferencing technology.
- ONLINE (asynchronous): The course can be completed entirely without being in a specific location. You may be required to take exams at an approved testing center. The college uses Canvas as its learning management system.
- HYBRID: The course is delivered via a combination of in-person and online delivery methods. You (the student) are expected to attend the first day of class to receive instructions for course expectations.
- FLEX: The course is taught in person and can be attended via Zoom. Additionally, you can choose to view recordings of the class sessions online when it works best for you.

Technical Help and Support: The Office of eLearning is located on the Pendleton campus in the Library and Learning Hub. The email address is eLearning@bluecc.edu. Find tutorials, frequently asked questions, self-assessment tests, and hardware and software requirements for taking online classes on our BMCC Online Resources page.

Student Rights and Responsibilities

Student Rights and Responsibilities

Students at Blue Mountain Community College (BMCC) have the right to various freedoms and protections, such as the right to freedom of association, inquiry, expression, and learning in an educational environment that is free from harassment and discrimination of all types. Students in good standing at BMCC have the right to participate in institutional governance, co-curricular activities, student clubs, and other student life activities. Students are afforded the right to due process, to file a grievance, or to make a complaint. A student's admission to the College obligates them to be personally responsible for their conduct and to comply with the policies and regulations of the College.

Definitions:

- "Student" is defined as an individual that has been admitted to BMCC and subsequently enrolled in a course (credit or noncredit). Once an individual has enrolled in a course, they are then considered a BMCC student regardless of their current enrollment status.
- "College" includes college facilities, premises, and non-college property if the student is at any BMCC sponsored, approved, or related activity or function where students are under the jurisdiction of the College

Conditions:

- Enrollment with BMCC and participation in college sponsored activities and curriculum carries with it the presumption that the student is in good standing with the college and will conduct themselves as responsible members of the BMCC community.
- The college is granted approval by the Board of Education to adopt student rights, responsibilities, and conduct standards that are deemed necessary to assure the college is a safe and supportive environment for all.
- Student rights and responsibilities applies to all immediate and surrounding areas deemed as BMCC property and/or jurisdiction.
- It is the students' responsibility to observe college rules and regulations and to help maintain appropriate conditions in the classroom, on campus, and in the community.
- The Student Rights and Responsibilities statement along with Code of Conduct standards are reviewed annually and updated as needed prior to publication in the Student Handbook and Catalog. All new students are apprised of their Student Rights, Responsibilities, and Code of Conduct standards as part of their orientation/onboarding process.
- Returning and continuing students receive annual notification reminders about their Student Rights, Responsibilities, and Code of Conduct standards.

I. Freedom of Association

Students shall be free to organize and join associations to promote their common interests subject to the following considerations:

- Students have the right to form student clubs and organizations under the provisions of the Associated Student Government (ASG) constitution and bylaws, and the right to carry out fund-raising activities for these clubs. All fund-raising activities for ASG and student clubs must be approved by the Student Recruitment & Engagement Coordinator or designee.
- Students and recognized student clubs and organizations have the right to have access to BMCC facilities, subject to ordinary schedules, policies and regulations governing the use of each facility. Recognized student clubs and organizations have access to facilities at no cost unless additional services (custodial, safety, table and chair set-up, etc.) are required. BMCC procedures for reserving spaces in BMCC's buildings for meetings, speakers, or demonstrations must be followed.
- Campus life organizations, including those affiliated with an extramural organization shall be open to all students without respect to race, color, sex, sexual orientation, marital and/or parental status, religion, national origin, age, mental/physical/learning disability, Vietnam era or disabled veteran status, or any other status protected under applicable federal, state, or local law.
- Any chartered student club or officially recognized student organization acting through the Associated Student Government (ASG) of BMCC may invite any person of their own choosing to the campus, provided the invitation and arrangements are in compliance with established policies of the College.
- Student organizations shall be required to submit a statement of purpose, criteria for membership, rules of procedures, a current list of officers and a certified number

of active members as a condition of institutional recognition.

- Club Advisors must be approved faculty or staff currently employed full-time by BMCC. Employees serve the college community when they accept the responsibility to advise and consult with student organizations, and provide guidance to the group on college procedure and policy.

II. Freedom from Harassment and Discrimination, Right to File a Complaint or Grievance

- BMCC does not tolerate unlawful discrimination based on race, color, religion, use of native language, national origin, sex, marital status, height/weight ratio, disability, veteran status, age, or sexual orientation in any area, activity, or operation of the college. BMCC complies with applicable federal, state, and local civil rights laws and regulations prohibiting discrimination. Equal opportunity for employment, admission, and participation in BMCC's benefits and services shall be extended to all persons, and BMCC shall promote equal opportunity and treatment through application of this policy and other efforts of BMCC designed for that purpose.
    - Any person who believes they have been discriminated against or harassed by a BMCC employee, representative, or student is encouraged to file a complaint through the Office of Human Resources, Pendleton Campus, Morrow Hall, or through the online incident reporting link.
    - Any person who believes that they have been discriminated against on the basis of disability under Section 504 of the Rehabilitation Act of 1973 or the Americans with Disabilities Act ("ADA"), including believing that they have not been provided with a reasonable accommodation or modification to which they are entitled, may discuss these concerns with a disability services staff member in the Success Center or submit a complaint through the online incident reporting link.
- The College recognizes that disputes may sometimes arise and requires the parties involved to resolve the conflict informally whenever possible. A formal complaint process is provided in matters that can't be resolved informally in order to assure impartial and equitable resolution for those conflicts.
    - Any student that feels they have been treated unfairly may submit a report through the online complaint reporting link.
    - Students will have the ability to present their concerns and have the right to be heard fairly and promptly.
    - The informal/formal complaint process may not be invoked for matters that have independent appeal processes established. Examples of these include, but are not limited to academic standing appeals, student conduct decisions, FERPA regulations, financial aid awarding and decisions, grades, Title IX regulations, discrimination and harassment policies/procedures, and safety related activity.
    - Matters which are not resolvable through the formal complaint process include Federal and State laws, employment and personnel decisions, policies of the BMCC Board of Education, rules and procedures adopted by the Oregon, Higher Education Coordinating Council (HECC).

II. Freedom of Inquiry and Expression

Students, faculty, and staff are obligated to respect freedom of inquiry and expression and to take appropriate action when prevention or disruption of this right occurs.

- Students have the right to take reasoned exception to the data or views offered in any course of study and to reserve judgment about matters of opinion. However, they are responsible for learning the content of any course of study in which they are enrolled.
- Students have the right to conduct orderly demonstrations in approved free expression space unless the participants of those demonstrations threaten to endanger the safety of any member(s) of the College community, pose a threat to physical facilities, or substantially obstruct or disrupt regular and essential operations.
    - The college recommends that those intending to conduct an outdoor demonstration consult with the Dean, Student Services or designee to identify allowable space that accommodates the reasonable needs of both the College and those engaged in acts of speech or protest.
    - Individuals and groups holding an indoor demonstration must comply with campus policies and procedures for requesting space. Advance

notice and approval is required for indoor demonstrations to allow the College to make appropriate and reasonable logistical arrangements for the demonstration.

- Students have the right to distribute free publications not in violation of federal or state laws, and/or College policies and procedures, such as books, magazines, newspapers, handbills, leaflets, and similar materials. Distribution of these materials in classrooms, hallways, libraries, offices or other College facilities used primarily for educational and instructional purposes must not interfere with the work or study of persons in those facilities.
    - Any persons desiring to post or distribute publications must comply with campus policies and procedures. All handbills, leaflets, newspapers, posters, and similar materials must bear the name and address of the organization and/or individual distributing the materials.
    - Information on submitting items for posting may be obtained through the Marketing and Communications Office.

IV. Right to Participate in Institutional Governance

Students have the right to be appointed representatives on selected College councils and committees and to participate in institutional governance. Appointment to participate is by invitation of the acting committee Chair through the ASG, Student Life Office. Students must be in good standing with the college to serve on a council or committee.

V. Right of Access to and Protection from Improper Disclosure of Student Records

The college strictly adheres to and with all applicable state and federal laws, rules, and regulations that apply to student records. All information contained in College records that is personally identifiable to any student will be kept confidential and not released except upon prior written consent or as allowed by the Family Educational Rights and Privacy Act (FERPA).

- Student information may be shared among College faculty and staff when it has been determined that there is a legitimate educational interest in the information.
- The confidentiality of student record information obtained by counseling and advising services will be strictly maintained, except when the College is legally permitted or required to disclose student record information.
- Students have the right to access their educational record as reflected in the Family Educational Rights and Rights Privacy Act.

VII. Right of Access to College Facilities

Students have the right of access to college facilities and are subject to published business hours, schedules, and regulations governing the use of each facility. When using these facilities, the student has the responsibility to respect these regulations and to comply with the spirit and intent of the rules governing facility use.

Designated college staff have the authority to prohibit entry or ask the student to leave the premises if the student's behavior is disruptive, threatening to the health and welfare of the College community, or interferes with the ingress and/or egress of persons.

VIII. Right of Sale and Distribution of Material, Right to Conduct Fund-raising Activities

- The use of college grounds or facilities for the purpose of commercial or private gain is prohibited except where such activity contributes to the operation of the instructional program or where limited sale is specifically authorized by the college for the benefit of an approved student activity.
- Students have the right to engage in legal incidental sales of personal private property in private transactions, provided College facilities are not expressly used for this purpose.
- All fund raising activities by clubs and organizations must be approved in accordance with Student Life.
- All merchandise, periodicals, magazines, and books offered for commercial sale may be sold only through the College bookstore and food services, except when approved by Dean, Student Services.

IX. Right to Protection from Improper Academic Evaluation

Student academic performance will be evaluated on an academic basis (which may include attendance), and the ability to apply skills, and not on a student's opinions or conduct in matters unrelated to academic standards.

- The course syllabus will contain and articulate the evaluation standards and grading criteria by which student performance is measured for that particular course.
- Students are responsible for meeting the standards of academic performance established for each course in which the student is enrolled.

- A student may dispute their academic evaluation under the Colleges Grade Appeal Procedure if the student believes that the evaluation standards and grading criteria contained in the course syllabus were not followed by the instructor or were imposed in an arbitrary or capricious manner.

X. Student Responsibilities

- Students are also responsible for acknowledging the right to freedom of expression in others and honoring the diversity of perspectives within the College community.
- Students are expected to behave individually and collectively, in a manner that allows all members of the College community the opportunity to exercise their freedoms in pursuit of learning.
- It is the student's responsibility to learn and meet the behavioral expectations of the College as outlined in the Students' Rights and Responsibilities full statement and Standards of Student Conduct. A student's application for admission serves as acceptance of these expectations.
- Students will be held accountable to the College's behavioral expectations through a fair, clear, educationally focused, and restorative justice student-conduct process.

Note: Blue Mountain Community College reserves the right to make changes to the rights, regulations, procedures, and information contained in the Statement of Student Rights and Responsibilities as education, financial, and legal considerations or mandates require. Academic policies in the College's catalog supersede all college policies listed in this document if in conflict.

Student Code of Conduct

Blue Mountain Community College (BMCC) is committed to the success of its students and is dedicated to student learning, retention, safety, and the development of responsible personal and social conduct.

Each member of the BMCC community must adhere to a code of responsible behavior. This document communicates the expectations that the College has of students and is intended to educate and guide students to understand their responsibilities. This Code is aligned with the College's Non-Discrimination Statement and shall not be administered in a discriminatory manner. Every effort will be made to balance the needs and rights of the individual with the welfare of the community as a whole.

This Code applies to all BMCC students, recognized student organizations, and groups of students. In addition, students who are enrolled in specific educational programs with additional standards of behavior are also expected to follow those related academic and conduct standards.

Definitions:

- **Adjudicate:** a method of resolving alleged student misconduct which employs a fact-finding, impartial adjudicator to render a binding decision in the matter.
- **Administrative Hearing:** a meeting held by a Student Conduct Officer to (a) investigate or (b) gather more information about a possible Code violation.
- **Appellate Officer:** the Dean of Student Services, or designee has the authority to consider an appeal of a Student Conduct Officer's decision.
- **Code:** this Student Code of Conduct.
- **College:** Blue Mountain Community College; BMCC; or any physical space or virtual environment being used by Blue Mountain Community College.
- **College Official:** any person employed, contracted, or assigned by the College, including, on some occasions, students performing assigned administrative or professional responsibilities.
- **College Premises:** includes all physical space (buildings, facilities, and other property, including adjacent streets and sidewalks) and the virtual environment in the possession of, owned, used, or controlled by the College.
- **Educational Record:** any record directly related to a student and maintained by the College or by a party acting for the College, as defined by the Family Educational Rights and Privacy Act. This includes academic records and disciplinary records.
- **Faculty Member:** any person hired by the College to conduct classroom or teaching activities or who is otherwise considered by the College to be a member of its faculty or instructional staff.
- **Member of the College Community:** any person who is a student of, employee of, or who is contracted to perform services of any kind for the College.
- **Policy:** the written rule or regulations of the College as found in, but not limited to, the Code, as well as contracts, academic catalogs, administrative procedures, and any other documents that are deemed by the College to express College policy.

- **Preponderance of Evidence:** a decision whether the Responding Party more likely than not engaged in an alleged violation of this Code.
- **Reporting Party:** an individual or group who brings forward an allegation of a Code violation. The College may be the "Reporting Party."
- **Responding Party:** any student or group charged with an alleged violation in this Code.
- **Student:** any person who is registered for one or more credit or non-credit hour(s), including online learning courses, or who has applied for admission, received financial aid, or received any other service or benefit provided by the College which requires student status. Any person who has withdrawn or who is not enrolled in any courses, but who has a continuing relationship with the College, may be considered a "student" for the purposes of this Code.
- **Student Conduct Officer:** an official authorized by the Dean of Student Services or designee(s) to be responsible for administration of the Code and to conduct an Administrative Hearing. This official is also authorized to impose sanctions when it has been determined that a violation has occurred.
- **Student Organization:** any student or group of students formally recognized by the College as a Student Organization, or any group with student membership that uses College spaces, funds, or materials.
- **Support Person:** any person that attends an Administrative Hearing or proceeding under this Code with a student, including, but not limited to, a parent, a friend, a Navigator, Success Coach or Faculty Advisor, a Disability Services practitioner, another College staff person, or an attorney.

Authority:

- The Board of Directors delegates to the College President the authority to oversee the administration of conduct standards.
- Administration of the Student Code of Conduct is the responsibility of the Dean of Student Services or designee(s), who shall develop procedures to carry out the Code.
- Student Conduct Officers (Dean, Center Director, or designated Student Services Director) shall serve as the principal investigators and administrators for alleged violations of the Code and shall interpret and implement procedures to carry out the Code. Decisions made by a Student Conduct Officer shall be final, pending the appeal process set forth in this Code.
- The Dean of Student Services is responsible for reviewing the Student Code of Conduct policy and Student Rights and Responsibilities Statement as set forth in administrative procedures 07-2019-0005, 07-2019-0004. All revisions to these policies must be approved by the SFC, the Dean of Student Services, Chief Academic Officer, President's Executive Team, College Planning Council, and the College President.

Jurisdiction:

- The Code shall apply to student conduct on College premises; at or in connection with College-related or sponsored events and activities, regardless of location, including but not limited to international or domestic travel, activities funded by the Associated Student Government, athletic events, trainings, online learning, supervised academic/work experiences, or any other College-sanctioned social or club activities; and off-campus during non-College- related or sponsored events and activities, when the College, in its sole discretion, determines that the alleged off campus misconduct adversely affects the College community or the pursuit of the College's objectives.
- The Code shall apply to student conduct at all hours during each term, between terms, and during periods in which a student is not enrolled but has a continuing relationship with the College, from the time a student applies for admission to the College through the student's receipt of a degree, completion of program, or withdrawal from the College. Proceedings under the Code may continue if a student withdraws while a disciplinary matter is pending, whether or not the student has a continuing relationship with the College.
- All persons, including persons who are not students, must comply with all applicable College policies and procedures when attending or participating in any activity connected with the College.
- At the discretion of the Student Conduct Officer(s), allegations of misconduct by students or student groups may be adjudicated prior to, concurrent with, or following any civil or criminal proceedings.

Conduct Subject to Disciplinary Action:

The following constitutes conduct prohibited by the College for which a student or student organization is subject to disciplinary action:

A. **Academic Misconduct.** Actions constituting violations of academic integrity include, but are not limited to the following:

- **Cheating.** Includes but is not limited to use of any unauthorized assistance for academic work and use of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments; acquisition, without permission, of tests or other academic material belonging to a member of the College faculty or staff.
- **Collusion.** Includes but is not limited to assisting another to commit an act of academic misconduct, such as paying or bribing someone to acquire a test or assignment, taking a test or doing an assignment for someone else, unauthorized group work, use of unauthorized electronic devices, or allowing someone to do these things for one's own benefit.
- **Fabrication.** Includes but is not limited to falsifying data, information, or citations in completing an academic assignment or other institutional document, and also includes providing false or deceptive information to an instructor concerning the completion of an assignment.
- **Plagiarism.** Includes but is not limited to use of someone else's language, ideas, or other original material (not common-knowledge) without attribution to the source. This definition applies to all student work, not limited to print materials, online materials, manuscripts, oral discussion, and the work of other students. Examples include submitting someone else's language, ideas, or materials as one's own; inadequate paraphrasing, copying words and changing them a little, even if you give the source; carelessly or inadequately citing ideas and words borrowed from another source; self-plagiarism, including the unauthorized submission for credit of academic work that has been submitted for credit in another course.

B. **Alcohol, Drug, and Tobacco Violations.** See BMCC Drug and Alcohol-Free College and Prohibited Use of Tobacco Products or Inhalant Delivery Systems policies

- **Alcohol.** The use, possession, delivery, sale, or being under the influence of any alcoholic beverage is prohibited on College premises and during College-related or sponsored events and activities, except as permitted by law and applicable College policies.
- **Drugs.** The use, possession, delivery, sale, or being under the influence of any illegal drugs is prohibited at all times. This includes unauthorized use of prescription drugs.
- **Marijuana**. The possession, consumption, being under the influence of, or furnishing marijuana, cannabis, or any of its derivatives is prohibited on College premises and during College-related or sponsored events and activities.
- **Tobacco and Inhalants.** Possession and use of tobacco products and inhalant delivery devices by persons under the age of 21 is prohibited on all BMCC grounds and property. Including, but not limited to: in facility buildings, at facility-sponsored activities, in vehicles on facility grounds on the main campus and at all centers, including satellite properties. Use of tobacco or inhalants by persons 21 years of age and older is permitted in outdoor areas (unless posted otherwise) and in designated smoking areas that are located 20 feet away from doorways, windows, and ventilation systems to prevent smoke from entering buildings and facilities.

C. **Assault, Endangerment, Harassment, and Intimidation.** Unwelcome physical contact that obstructs or disrupts a person from engaging in individual activities; puts a person in reasonable fear for personal safety; or causes or creates a substantial risk of personal injury or property damage. Non-physical contact, including but not limited to, bullying, intimidating, or threatening behavior, that obstructs a person from engaging in individual activities; puts a person in reasonable fear for personal safety; causes or creates a substantial risk of personal injury or property damage; or causes or is intended to cause emotional or physical distress. Non-physical contact includes all forms of direct or indirect contact with another person, including, but not limited to, written, electronic, or telephonic communication of any form.

Reporting Amnesty

BMCC encourages all community members to report behavior associated with assault, endangerment, harassment, and intimidation. To support such reporting, BMCC will not pursue student conduct proceedings against a reporting student, a complainant, a respondent or witness for personal use of alcohol, marijuana or other drugs at or near the time of the incident provided their use did not place the health or safety of any other person at risk. BMCC may however, initiate an educational discussion with any student regarding their personal use of alcohol, marijuana or other drugs. BMCC's reporting amnesty is in alignment with ORS 471.434.

BMCC WILL NOT pursue any conduct violation against a survivor for substance use, including alcohol, at the time of sexual assault/harassment if the sexual assault/harassment is reported to the Dean of Student Services or the Chief Human Resources Officer/Title IX Coordinator.

- **Hazing.** An act which endangers or jeopardizes the mental or physical health or safety of a student or other College community member, or which destroys or removes public or private property, for the purpose of initiation, admission into, affiliation with, or as a condition for continued membership in a group or organization. This includes, but is not limited to all violations of applicable hazing laws. The express or implied consent of the person subject to the hazing does not relieve an individual or group from responsibility for violating the Code. Apathy or acquiescence in the presence of hazing are not neutral acts but are violations of this rule.
- **Harassment.** Unwelcome verbal, nonverbal, visual, or physical conduct that is so severe, persistent, or pervasive that it interferes with or limits the ability of a student, faculty, or staff member to participate in, or benefit from, the College's educational and/or employment opportunities, programs, or activities. A single, serious incident may also constitute harassment. At the College's sole discretion, harassment may be addressed through the College's Nondiscrimination and Non-harassment Policy https://www.bluecc.edu/home/showdocument?id=10312instead of, or in addition to, this Code.
- **Sexual Misconduct.** Unwanted conduct of a sexual nature that constitutes sexual harassment, sexual assault, relationship violence (including domestic violence and dating violence), stalking, and includes related acts of retaliation. Relevant definitions and the procedures for addressing possible sexual misconduct are included in the College's Sexual Harassment, Sexual Assault, Dating Violence, and Stalking Policy https://www.bluecc.edu/home/showdocument?id=13053 At its sole discretion, the College may address possible sexual misconduct through this Code instead of, or in addition to, this Code.
    - *Sexual Harassment:* is defined as any unwelcome conduct of a sexual nature, including sexual advances, request for sexual favors, or other verbal or physical conduct of a sexual or gender based nature.
    - *Sexual Assault*: a forcible or non-forcible sexual act or sexual contact that occurs without the consent or permission of the other person, Consent is words or overt actions indicating a freely given agreement to the sexual act or sexual contact in question. Consent is not an absence of no.
    - *Domestic Violence*: An intra-family offense that results in physical injury, including physical pain or illness, or that caused or was intended to cause reasonable fear of imminent serious physical injury or death.
    - *Dating Violence*: An offense against an intimate partner (romantic, dating, or sexual relationship) that results in physical injury, including physical pain or illness or that caused or was intended to cause reasonable fear of imminent serious physical injury or death.
    - *Stalking*: A course of conduct directed at a specific individual with the intent to cause that individual (or where the person knows or should have known that it would cause the individual) to fear for his or her safety or the safety of another person; feel seriously alarmed, disturbed, or frightened; or suffer emotional distress.

D. **Disruptive Behavior**

- Obstruction or disruption of teaching, learning, research, administration, disciplinary procedures, other College-related or sponsored activities, including the College's public service functions, or other authorized activities on College-owned or controlled property.
- Obstruction or disruption interfering with the freedom of movement, including obstruction of the free flow of pedestrian or vehicular movement on College property or at a College activity.
- Leading or participating in any activity that unreasonably infringes on the rights of another member of the College community or that is intended to or reasonably may incite another person to unreasonably infringe on the rights of another member of the College community.
- Interfering with someone else's participation in a College activity, event, or process.

E. **Failure to Comply**

- Failure to comply with reasonable directions of College officials, acting in the scope of their duties. In some cases "officials" may be students employed to act on behalf of the College.
- Failure to comply with any disciplinary sanction imposed under the Code.

F. **Falsification of Information** includes, but is not limited to:

- Knowingly furnishing false information, or failing to furnish correct information, in response to request or requirement of a College Official.
- Forging, altering, or misusing BMCC documents, records, or identification cards, including electronic documents and records.
- Unauthorized use of another individual's identification or password, or sharing one's personal identification or password with an unauthorized user.
- Knowingly reporting a false emergency.
- Knowingly making false statements or knowingly submitting false information in bad faith as part of a complaint or report or associated with an investigation into misconduct.

G. **Fire and Life Safety** includes, but is not limited to:

- Tampering with fire safety equipment, generating a false alarm, or engaging in behavior that constitutes a fire or safety hazard.
- Failure to evacuate a College building after an alarm has sounded.
- Failure to follow the fire and/or life safety-related directives of a person authorized to give such directives.

H. **Property Theft and/or Damage**. Attempted or actual theft of, unauthorized use or possession of, and/or damage to property of the College or of a member of the College community.

I. **Recording**

- Using, obtaining, or attempting to obtain, electronic or other means to photograph or record the likeness of another without the individual's consent, in any situation in which there is a reasonable expectation of privacy, is prohibited. This includes, but is not limited to, recording another person in an intimate situation.
- Recording in any College locker room or restroom is strictly prohibited.
- Recordings of lectures and presentations may not be used for any reason other than personal educational purposes and may not be shared publicly.

J. Retaliation. Retaliating, or attempting to retaliate, against any individual for exercising one's rights or reporting, providing information, or otherwise being involved in the process of responding to, investigating, or addressing allegations or violations of federal, state, or local law, or College policy, including, but not limited to, the provisions of this Code.

K. Unauthorized Access. Unauthorized possession, duplication, or other use of a key, keycard, or other restricted means of access to College Premises, or unauthorized entry onto or into College premises.

L. Violation of College Policy. Violation of any College policy, rule, or regulation that is posted by a College Official or available electronically on the College website.

M. Violation of Law or Regulation. Engaging in conduct that is contrary to any federal, state, or local law when such violation interferes with, or poses a risk to, the College or interferes with other students' participation in College programs, activities, or events.

N. Weapons and Dangerous Materials. Possession or use of firearms, explosives, instruments, or other weapons including replicas of weapons, or dangerous chemicals on College premises or use of any item in a manner that harms, threatens, or causes disruption to the educational environment. Exceptions to this policy are permitted when the weapon and/or dangerous materials are used in conjunction with an approved College instructional program, is carried by a duly constituted law enforcement officer, or is otherwise permitted by law. Possession of Firearms, Destructive Devices, Weapons, and Knives https://www.bluecc.edu/home/showdocument?id=8354

General Misconduct Procedures:

A. Temporary Removal of Registered Students. If a student is engaging in disruptive behavior, a course instructor may temporarily restrict a student's participation in class or temporarily block access to the digital learning management system. Before allowing the student to return to class, the instructor, Department Chair, and/or Dean will clarify with the student the behavioral standards that must

be met to continue in the class. This clarification will occur as expeditiously as possible, preferably before the next class session or equivalent. During the period of restriction, the student must be provided the opportunity to maintain access to the educational/course content. Instructors must facilitate an alternate method for this to occur. A Student Conduct Officer can provide consultation and coordination throughout the classroom management process. If the disruptive behavior is not resolved through the clarification process, the situation must be referred to a Student Conduct Officer. Any permanent removal from class must be in accordance with the procedures of this Code.

B. Removal of Unauthorized Individuals. Instructors may restrict persons who are not registered from attending class sessions. Exceptions based on disability must be approved by the College's Disability Services Office. Other exceptions may be made by a college official.

C. Administrative Hearing Process.

1. **Report.** Anyone may submit information about a possible Code violation by submitting an incident report to https://cm.maxient.com/reportingform.php?BlueMountainCC&layout_id=4
2. **Preliminary Review.** The Student Conduct Officer may gather further information to determine whether the reported conduct, if substantiated, may constitute a possible Code violation. If the Student Conduct Officer determines that the reported conduct, even if substantiated, likely would not amount to a Code violation, the Student Conduct Officer may choose to close the report or address the report through another College administrative process.
3. **Interim Action.** Student Conduct Officer may impose an appropriate sanction as reflected in the Code with the exception of Expulsion, including (a) immediate suspension; (b) restricting access to College premises, the virtual learning environment, and/or all other College activities or privileges; or (c) any other action approved by the Dean, Student Services deemed as reasonable to prevent the recurrence of the alleged Code violation or to protect the integrity of the investigation. The interim action(s) does not replace the Administrative Hearing process as outlined in this Code. The student will be notified in writing of any interim action and the rationale. As soon as practical following implementation of the interim action, in most cases within three (3) days, the Student Conduct Officer shall provide the student an opportunity to address the action and supporting information in person, by phone, or through written communication. Based on that information, the Dean of Student Services or the Student Conduct Officer/Coordinator may maintain, revoke, or modify the interim action.
4. **Notice of Hearing.** After the preliminary review by the Student Conduct Officer, a Hearing Notice may be sent to the Responding Party. The notice shall include: (a) a brief description of the reported allegation(s), (b) the section(s) of the Code the Responding Party is alleged to have violated, (c) the range of possible sanctions for the alleged violation(s), (d) a specific date to schedule a meeting by, (e) information about having a Support Person attend, (f) information on how to request accommodations for a disability, and (g) information on the Administrative Hearing procedures. The Administrative Hearing typically occurs within ten (10) days from the date on the Hearing Notice. Requests for extensions by the Responding Party may be granted at the discretion of the Student Conduct Officer.
5. **Administrative Hearing and Investigation.**
    a. The Responding Party may elect to participate in the Administrative Hearing in person, by telephone, by videoconference, and/or by submitting a written statement.
    b. The Responding Party may elect to not participate in this hearing. If the Responding Party elects not to participate in or fails to attend the hearing, the Student Conduct Officer may decide the matter in the party's absence. Failure to cooperate or appear will not delay the outcome of the matter.
    c. If the Responding Party elects to participate in the hearing, the Student Conduct Officer will review the alleged violation(s) with the Responding Party at the hearing. The Responding Party will be provided a reasonable opportunity to share the party's perspective, provide information to the Student Conduct Officer, and respond to the information presented.
    d. The College and/or the Responding Party may seek legal advice at the party's own expense. The Responding Party may consult the party's Support Person, including an attorney, during the Administrative Hearing, but the Support Person

may not participate in the meeting in any other manner, including speaking on behalf of the student. The Responding Party must notify the College within forty-eight (48) hours prior to the Administrative Hearing if the Support Person will be an attorney.

e. The Student Conduct Officer may gather additional information after the meeting, such as by conducting interviews and reviewing documents. The Student Conduct Officer may need to meet with the Responding Party about information gathered after the initial Administrative Hearing. In general, this may take up to ten (10) days after the hearing, or longer as appropriate under the circumstances.

f. The Student Conduct Officer will make reasonable efforts to communicate to all relevant parties any anticipated delays of more than ten (10) days.

6. **Decision.**

a. The Student Conduct Officer's decision will be based on a preponderance of the evidence.

b. After the hearing and the conclusion of any investigation, a decision letter will be sent to the Responding Party's College email explaining (i) the decision of the Student Conduct Officer, (ii) the sanction(s) imposed, if any, and (iii) information about the appeal process, if a Code violation is found.

c. In accordance with FERPA, the Reporting Party may be notified of the decision and if an appeal is filed.

d. The decision of the Student Conduct Officer is final unless an appeal is filed in accordance with the appeal procedures set forth in this Code.

7. **Sanctions.**

a. Sanctions may be imposed upon any student, student organization, or student group found to be responsible for violating the Code.

b. More than one sanction may be imposed for a single violation.

c. Expulsion will become a part of the Responding Party's disciplinary record and permanent academic record. All other sanctions will become part of the Responding Party's disciplinary record but may not be a part of the party's permanent academic record.

d. Sanctions, including, but not limited to, the following, are intended to be educational and developmental in nature:

- **Administrative Removal from a Class.** The Responding Party will be removed from a specific class but be allowed to continue in all other courses, unless otherwise restricted. The Responding Party is responsible for any tuition and fees associated with the administrative withdrawal process.
- **Community Service.** The Responding Party must provide a designated number of hours of service to a designated entity.
- **Educational Sanctions.** The Responding Party must complete tasks such as assignments, interviews, reflection papers, educational meetings, or other educational activities.
- **Expulsion.** The sanction of Expulsion is by recommendation of the Dean, Student Services to the President and will result in the permanent separation of the Responding Party from the College. This means that the Responding Party may not, at any time in the future: enroll in the College; be a member of any student club or organization; or register for, or participate in, any program, activity, or event sponsored or organized, in whole or in part, by the College. The Responding Party is trespassed from College Premises, which means the party may never again be present on College owned or controlled property, or access the virtual learning environment. The Responding Party's rights and privileges as an enrolled student at the College are immediately revoked. The Responding Party will be responsible for any tuition and fees associated with the administrative withdrawal process, including any financial aid status implications.
- **Loss of Privileges.** The Responding Party is denied specified privileges of being a student for a designated period.
- **No Contact Directive.** The Responding Party is prohibited from contacting a specified person(s) related to the Code violation. This includes contact initiated through any means (including personal,

electronic, and telephonic) as well as contact initiated by any third parties on the Responding Party's behalf or request. This restriction applies both on and off campus. Failure to abide by the terms of this sanction will result in further disciplinary action.

- **Notation on Transcript.** A notation may be placed on the Responding Party's academic transcript related to the party's disciplinary standing only if there is a sanction of Expulsion.
- **Probation.** For a specified period, any additional Code violations by the Responding Party will result in progressive disciplinary action. During the period of probation, the Responding Party is not considered in good disciplinary standing. Upon expiration of the probation period and fulfillment of other sanctions imposed (if any), the disciplinary probation will be lifted.
- **Restitution.** For violations involving damage to, destruction of, or theft of property, the Responding Party may be required to make monetary restitution and/or return any stolen or misappropriated property in an amount not to exceed the actual expenses, damages, or losses incurred.
- **Registration Hold.** Students who do not complete assigned sanctions within the time provided may be prevented from registering for classes until completion of those sanctions.
- **Suspension.** The temporary separation of the Responding Party from the College for a specific period. During the suspension period, the Responding Party is not eligible for the privileges and services provided to enrolled students, including but not limited to registering, attending class, or accessing the virtual learning environment. The Responding Party is trespassed from the College, including from all College owned or controlled property, services, and facilities. The Responding Party will be responsible for any tuition and fees associated with the administrative withdrawal process including any financial aid status implications. Upon expiration of the suspension period, the Responding Party must submit in writing a request for reinstatement to the Dean of Student Services, or designee. The Responding Party may be asked to provide a statement demonstrating readiness to return and successfully re-engage with the College community. If the Student Conduct Officer confirms that all terms of the suspension have been met and the suspension is lifted, the Responding Party may be reinstated with or without additional conditions, at the discretion of the Dean, Student Services.
- **Warning.** Written notice that the Responding Party has been found responsible for violating the Code. Additional Code violations may result in progressive disciplinary action. A warning does not affect the Responding Party's disciplinary standing.

8. Appeals.

a. Appeals must be submitted electronically via email to the Dean, Student Services through the link provided in the Responding Party's decision letter and received within five (5) days of issuance of the decision letter.

b. The request for an appeal must state the specific grounds for the appeal. Dissatisfaction with a decision is not grounds for an appeal. Grounds for an appeal are limited to:
    - Demonstrating that the Administrative Hearing deviated from the procedures outlined in the Code; however, deviation from these procedures shall not invalidate a decision or result in any other remedy unless it materially affected the Student Conduct Officer's decision.
    - Demonstrating that the imposed sanction(s) was inappropriate for the Code violation.
    - Considering directly relevant information that was not known to the Student Conduct Officer and was not known, and that could not reasonably have been known, to the Responding Party at the time of the Administrative Hearing.

c. The Dean, Student Services will assign an Appellate Officer who will review the appeal request, together with any other information the Appellate Officer deems relevant, which may include reviewing the Administrative Hearing record and consulting with the Student Conduct Officer, to determine whether an appeal hearing would assist the Appellate Officer in deciding the appeal. The Appellate Officer, using best judgment may grant an appeal hearing, or not.

d. If an appeal hearing is granted, the Appellate Officer may limit the subject of the hearing to matters that will assist the

officer in deciding the appeal, which may include a request to the Responding Party for additional information. The Appellate Officer may ask questions of the Responding Party at the hearing. The Responding Party's failure to cooperate or appear at the appeal hearing will not delay the outcome of the appeal. The Appellate Officer may dismiss the appeal if the Respondent fails to appear at the hearing.

e. The College and/or the Responding Party may seek legal advice at the party's own expense. The Responding Party may consult the party's Support Person, including an attorney, during the appeal hearing, but the Support Person may not participate in the hearing in any other manner, including speaking on behalf of the student.

f. The Appellate Officer will make one of the following decisions on the appeal:
    - Refer the case back to the original Student Conduct Officer for reconsideration or additional proceeding if the Appellate Officer determines that new information provided by the Responding Party, as set forth above, is directly relevant and may alter the findings of the Student Conduct Officer.
    - Deny the appeal. In this case, the decision of the Administrative Hearing, including any sanctions imposed, is affirmed.
    - Grant the appeal. In this case, the Appellate Officer may render a new decision, including amending the findings and/or sanctions of the original decision.

g. The decision to grant or deny the appeal will be based on the preponderance of the evidence.

h. The Appellate Officer's decision will be issued in writing to the Responding Party and is final. The decision shall be issued within five (5) days after receipt of the appeal.

Academic Misconduct Procedures

- **Report.** Anyone may submit information about a possible academic misconduct Code violation at https://www.bluecc.edu/academics/academic-portals/academic-dishonesty-cheating. Academic misconduct allegations not involving instruction, grades, academic programs, and/or classroom matters will be facilitated through the General Misconduct Procedures described above.
- **Review.** Allegations of academic dishonesty or disruptive classroom behavior are first addressed by the instructor. Instructors are expected to make a reasonable effort to discuss the allegations with the Responding Party prior to submitting an Academic Dishonesty report.
- **Sanctions:** Instructors may impose one of the following academic sanctions after discussing the incident with the Responding Party:
    - A score of 0 for the assignment or test
    - Require the student to redo the assignment or test
    - Lower the grade on assignment or test
    - Assign a failing "F" grade for the course
    - Dismissed from the course
    - Dismissal from a program (as approved by the corresponding Instructional Department Chair and Dean)
- **Grade Appeals:** In accordance with the BMCC Blue Mountain Faculty Association (BMFA) contract, (Article 12.B), should a student feel that they have been graded unfairly, after discussing the issue with the instructor, the student may appeal to the Chief Academic Officer for a change in grade in accordance with the following grade appeal process:
    - The student shall complete a grade appeal form, which shall include all the particulars of the situation surrounding the grade given, what grade change is requested, and a statement that substantiates the perception of the student that the grade assigned is unfair.
    - The form shall be submitted to the Chief Academic Officer (or designee) who shall review the appeal with the instructor. The instructor shall respond to the statement of the student in written form.
    - If the instructor's decision is to change the grade in agreement with the student's request, it will be recorded, and the process will be complete.
    - If the instructor's decision is not to change the grade and the student is not satisfied with the decision the appeal process may be continued.
    - All documentation surrounding the grade appeal shall be reviewed by a committee of three faculty members in accordance with the BMCC BMFA contract. The committee shall be authorized to change a grade and the committee's decision shall be final.
    - A permanent record of the grade change shall be maintained in the Registrar's Office.

Concurrent Proceedings: Nothing in this Code shall preclude or in any way restrict additional actions in any College department, educational program, or activity related to academic, professional, or similar standards specific to the department, program, or activity.

Student Code of Conduct Revision Schedule:

- The Student Code of Conduct shall be reviewed at least every three (3) years or as determined by the Dean of Student Services.
- In situations where a timely revision is necessary due to changes in federal or state laws, the Dean of Student Services will create an interim revision to a specific aspect within this code for the President's Executive Team's immediate approval. This temporary/ interim statement will be put into effect until a permanent revision is able to move through the formal approval process.

Student Code of Conduct/Disciplinary Record Retention:

- All files and records of General Misconduct procedures under this Code are maintained by the Office of the Dean of Student Services.
- All files and records of Academic Misconduct procedures under this Code are maintained by the Office of Instruction.

Blue Mountain Community College reserves the right to make changes to the rights, regulations, procedures, and information contained herein as educational, financial, and legal considerations or mandates require. Academic policies in the BMCC catalog supersede the academic policies listed in this document if in conflict. Additionally, some academic programs may have additional student conduct requirements in addition to the policies contained in this document.

Revised Summer 2023

Administration and Faculty

BMCC Board of Education

Chris Brown
Zone 1, Term Expires 2027

Bill Markgraf
Zone 2, Term Expires 2027

Kent Madison
Zone 3, Term Expires 2025

Kim Puzey
Zone 4, Term Expires 2025

Vacant
Zone 5, Term Expires 2027

Abe Currin
Zone 6, Term Expires 2025

Vacant
Zone 7, Term Expires 2027

Oregon Board of Education

Guadalupe Martinez Zapata, Chair
1st Congressional District
Term Expires 6/30/24

Gustavo Morales
2nd Congressional District
Term expires 6/30/26

Kimberly Howard Wade
3rd Congressional District
Term expires 6/30/24

George Russell
4th Congressional District
Term expires 6/30/24

Shimiko Montgomery
5th Congressional District
Term expires 6/30/26

Jennifer Scurlock
At Large Member
Term Expires 6/30/23

Bridgett Wheeler, 2nd Vice Chair
At Large Member
Term expires 6/30/24

BMCC Foundation Board of Directors

Ken Daniel
Pendleton, Executive Director

Phil Hamm, Chair
Hermiston, Term Expires 12/31/23

Dotty Miles, Secretary
North Powder, Term Expires 12/31/23

Cindy Timmons, Vice Chair
Hermiston, Term Expires 12/31/23

Brian Harrington, Treasurer
Pendleton, Term Expires 12/31/23

Mike Hawman, Past Chair
Hermiston, Term Expires 12/31/23

James Baker
Athena, Term Expires 12/31/25

Debbie Pedro
Hermiston, Term Expires 12/31/25

Gibb Evans
Irrigon, Term Expires 12/31/23

Mike Short
Pendleton, Term Expires 12/31/23

Bill Kuhn
Heppner, Term Expires 12/31/25

Tami Sinor
Hermiston, Term Expires 12/31/25

Lisa McMeen
Hermiston, Term Expires 12/31/25

Mitch Southwick
Baker City, Term Expires 12/31/25

Kristina Olivas
Hermiston, Term Expires 12/31/25

Julie Thompson
Pendleton, Term Expires 12/31/23

Associate Board Members

Bob Byrd, Irrigon

Tracy Gammell, Hermiston

Carole Innes, Pendleton

Viki Lange, Pendleton

Lonnie Read, Pendleton

Higher Education Coordinating Commission

Ben Cannon, Executive Director

Terry Cross, Chair, Commissioner
Term expires 6/30/23

Rukaiyah Adams, Commissioner
Term expires 6/30/25

Sandy Rowe, Vice Chair, Commissioner
Term expires 6/30/25

Vanessa Becker, Commissioner
Term expires 06/30/23

Motutama Sipelii, Commissioner, Graduate student position
Term expires 2/29/24

Richard Devlin, Commissioner
Term Expires 2/28/26

Natalie Arnot, Commissioner, University student position
Term expires 6/30/24

Helen Edwards, Commissioner
Term Expires 6/30/23

Position Vacant, Community College student position

Arnel Fajardo, Commissioner
Term expires 6/30/25

Emily Simnitt, Commissioner, University faculty position
Term expires 6/30/24

Greg Hamann, Commissioner
Term expires 6/6/25

Fernando Rojas-Galvan, Commissioner, Community College faculty position
Term expires 6/30/24

Position Vacant, Commissioner

BMCC Employees

BMCC Administration

J Mark Browning (2021)
President
B.A., Idaho State University
M.P.A., University of Idaho
Ed.D., Idaho State University

Theresa Bosworth (1989)
Dean of Student Services
A.A.O.T., Blue Mountain Community College
B.S. Eastern Oregon University

Brad Holden (1989)
Chief Technology Officer
A.A.O.T., Blue Mountain Community College
B.S., Western Governors University

Tammy Krawczyk (2018)
Dean of CTE & Workforce Development
B.B.A., Abilene Christian University
M.Ed., Angelo State University

Wade Muller (2006)
Chief Human Resources Officer
B.S., Montana State University
M.S., Western Governors University

Philip Schmitz (2008)
Dean of Student Learning & Academic Engagement
B.S., University of Notre Dame
M.S., University of Utah

Pat Sisneros (2022)
Chief Operating Officer
B.S., Santa Clara University
M.B.A., The Wharton School, University of Pennsylvania

Celeste Tate (2012)
Chief Finance Officer
A.A.O.T., Blue Mountain Community College
B.S., Eastern Oregon University

Vacant
Chief Academic Officer

Directors, Coordinators, Officers, and Managers

Brad Baker (2013)
Director of Athletics
A.A.O.T., Blue Mountain Community College
B.A., Pacific University
M.A.T., Pacific University

Shannon Chrisman (2013)
Manager of JOBS Program
B.S., Southern Oregon University

Elizabeth Corbett (2023)
Development Officer - Foundation
Diploma

Ken Daniel (2020)
Executive Director of BMCC Foundation
B.A., Utah State University
M.A., Utah State University

Eric DeLary (2019)
Director of Small Business Development Center
A.A., Community College of Vermont
Mechanical Engineering - University of Vermont
Marketing & Communications - Portland State University

Riley Faircloth (2022)
Director of Enrollment Services/Registrar
A.A.O.T., Blue Mountain Community College
B.S., Oregon State University

Jeremy Gillette (2015)
Coordinator of Fire Science
A.A.S., Chemeketa Community College
B.S., Eastern Oregon University

Joey GrosJacques (2022)
Director of Recruitment & Retention
A.A.O.T, Blue Mountain Community College
B.S., Eastern Oregon University
M.S., Western Governor's University

Jordan Hillmick (2018)
Assistant Director of Athletics
B.S., Eastern Oregon University

Jennifer Hills (1994)
Director of Apprenticeship Program
B.S., University of Idaho
M.Ed., Eastern Washington University
A.A.O.T., Blue Mountain Community College

Danielle Hodgen (2020)
Director of Student Financial Assistance
A.A., Spokane Falls Community College
B.A., Eastern Washington University

Susan Kralman (2015)
Director of BMCC Milton-Freewater
B.A., Portland State University
M.S., Walla Walla University

Samatha Mahaffy (2019)
JOBS Coordinator/Facilitator
A.A.O.T., Blue Mountain Community College

Anne Morter (1993)
Director of Workforce Training Center, Boardman
A.A., Lane Community College
B.A., Eastern Oregon University

Jeff Nelson (2021)
Director, Baker County
A.A.S., Idaho State University
B.S., Lewis Clark State College

Roman Olivera (2012)
Director of Student Resource Center
A.A.O.T., Blue Mountain Community College
B.S., Eastern Oregon University
M.S., Colorado Technical University

Crystal Patton-Doherty (1989)
Project Director, TRIO & Student Support Services
B.S., Eastern Oregon University

Barbara Peden (2023)
COD Coordinator of Union County
B.A., Washington State University

Tammy Pelles (2018)
Coordinator Early College Credit and Community Education
A.A.S., Blue Mountain Community College
A.S., Midwife Colleges of Utah

Jesse Schaefer (2023)
COD Coordinator of Grant County
B.A., Reed College
M.A., University of Washington

Karl Schrader (2004)
Director of Instructional Support Services
B.A., Washington State University

Tammy Short (2019)
Director of Early Childhood Education & Education
B.S., Eastern Washington University
M.S., Waldon University

Christene Thatcher (2018)
Assistant Director of Enrollment Services
Diploma

Dwayne Williams (2016)
Director of Facilities and Grounds
Diploma

Kristin Williams (2022)
Director of Library & Learning Hub
B.A., Western Oregon University
M.A., Emporia State University

Chris Wrathall (2014)
Coordinator of EMS
AAS in EMS from Lane Community College
AAS in Fire Science from Portland Community College
BSA in Fire Administration from Eastern Oregon University

Vacant
Director of BMCC Hermiston

Vacant
Alumni Engagement & Annual Giving Officer (Foundation)

BMCC Faculty

(As of July 2023)

Full-Time Faculty

Velda Arnaud (2014)
Instructor of Business & Leadership
B.A., University of Oregon
M.A., University of Oregon
Ph.D., Walden University

Stan Beach (2012)
Instructor of Math/Computer Science
B.S., Oregon State University
M.S. Ed, Western Oregon University
M.S. Ed Tech Boise State University

Shaindel Beers (2006)
Instructor of English
B.A., Huntington College
M.A., University of Chicago
M.F.A., Vermont College of Fine Arts

Carl Daggett (2018)
Instructor of Diesel Technology
A.S., Blue Mountain Community College

Lincoln A. DeBunce (1999)
Instructor of Geography and Anthropology
B.S., Southern Oregon University
B.S., Southern Oregon University
M.A., Louisiana State University
Ph.D., University of Oregon

Peter Hernberg (2012)
Instructor of Math/Computer Science
B.A., State University New York, Potsdam
M.A., State University New York, Potsdam

Jessica Humphreys (2013)
Instructor of Nursing
A.A.O.T., Blue Mountain Community College
B.S. University of Portland
M.S., Walden University

Carol Johnson (2012)
Instructor of College Ready
B.A., University of Oregon
M.T.E., Eastern Oregon University

Llewellyn (Wells) Jones (1995)
Instructor of Physical Education
B.S., Lewis Clark State College
M.S., University of Oregon

Cheri Kendrick (2002)
Instructor of Communication
B.A., Oregon State University
M.A., Oregon State University
J.D., Willamette University of Law

Allison Lakomski (2021)
Instructor of English
B.A. Stony Brook University
M.A Simmons University
Ph.D. George Mason University

Andrew Leggett (2018)
Instructor of Precision Agriculture
A.A.O.T., Blue Mt. Community College
B.A., Oregon State University/Eastern Oregon University
M.S., University of Idaho

Matt Liscom (2014)
Instructor of Agriculture Sciences
Teaching Certificate Completion, Walla Walla University
B.A., Oregon State University

Shannon Maude (2001)
Instructor of College Ready
B.A., Southern Oregon University
Ed.M., Oregon State University

Sascha McKeon (2012)
Instructor of Biology
B.S., Chapman University
Ph.D., State University of New York

Michelle Miller (1995)
Instructor of Biology
B.S., University of Idaho
M.S., University of Oklahoma

Nick Nelson (2007)
Instructor of Agriculture Sciences
A.A., Lassen College

B.S., California State University
M.A., Oregon State University

Kristen Oja (2011)
Instructor of Biology
B.S., Linfield College
M.S., Oregon State University
PhD., Oregon State University

Gary G. Parker (1996)
Instructor of Mathematics
A.S., Community College of Rhode Island
B.A., Rhode Island College
M.S., Western Washington University

Alexandrea Perry (2021)
A.A.S., Chemeketa Community College
B.S., Oregon Health & Science University/Eastern Oregon University

Jeremy Pike (2014)
Instructor of Diesel Technology
A.A.S., Walla Walla Community College

Melinda S. Platt (2002)
Instructor of Business & Leadership
B.S., Eastern Oregon University
M.T.E., Eastern Oregon University

Laurie Post (2004)
Coordinator/Instructor of Nursing
A.S., Walla Walla Community College
B.S.N., Oregon Health Sciences University
M.S.N., Gonzaga University

Sara Reyburn (2000)
Instructor of Psychology
B.S., Pittsburg State University
M.S., Pittsburg State University

Ki Russell (2012)
Instructor of English
B.A., University of Missouri
M.A., University of Missouri
Ph.D., University of Louisiana

Greg Schulberg (2015)
Instructor of Math/Computer Science
B.S., Cornell University
M.E., Cornell University

Leah Smith (2019)
Instructor of Agriculture Sciences
B.S., Oregon State University
M.S., Oregon State University

Glossary

Terms Needed for College Success

A.A.O.T.: Associate of arts Oregon transfer degree. A non-designated block transfer degree, consisting of 90 credits and designed for the student who intends to transfer to a four-year college or university with the Oregon University System (OUS). *Students need to work closely with an academic advisor to plan their program of study at BMCC.*

A.A.S.: Associate of applied science degree. A non-transfer degree awarded to students who complete the requirements of a two-year program, usually a 90-credit designated program as outlined in the college catalog.

A.S.: Associate of science degree. A non-designated college-transfer degree designed for students whose program requirements do not fit A.A.O.T. degree patterns. This degree does not always "block transfer" to Oregon universities.

A.G.S.: Associate of general studies degree. A terminal, two-year, 90-credit program of study that yields a non-designated and non-transferring degree, although some, or possibly all, of the courses may be accepted by another institution of higher education.

(In every case above, students should verify course transferability for each program of study before transferring to another college or university. Even in Oregon, particular schools may have some differences in lower division credits required for their programs.)

Academic Advisor: An assigned BMCC faculty or staff member trained to assist the student in developing and managing the completion of the student's program of study based on the documented assessments and declared educational goals within the student's individual educational plan.

Academic Calendar: Start and end dates of the academic year and of each quarter. The calendar reflects deadlines and other information related to payment schedules, add/drop options, graduation applications, and related policies.

Academic Records: The official listing of courses attempted and completed by a student at BMCC, including the credits accepted as a result of the BMCC registrar's evaluation of official transcripts from other institutions. This information is listed in the student management module of the integrated administrative system, WolfTrax, and is accessible to the student through WolfWeb.

Academic Year: The four-quarter sequence beginning in summer and ending the following spring.

Academic Notification of Warning, and Suspension: An official process by which degree-seeking students who do not achieve satisfactory academic progress receive a specific level of notice whenever their cumulative GPA falls below 2.00 and their cumulative Pace of completion falls below 67%.

Advanced Placement (AP): The national exam for high school students that allows the granting of credit based on points earned and recorded on the official AP transcripts. Earned points of 4 and 5 are considered evidence that the student has mastered the equivalent of an introductory course in English or history at BMCC or other various other subject matters.

Articulation: Formal alignment of resources, instruction, curriculum, processes, and/or credit between education programs or institutions. Programmatic articulation aligns curriculum based on standards, proficiencies, skill sets, or expectations for student learning (e.g., CTE Alignment and Articulation resources). Institutional articulation refers to interrelationships of curriculum, standards, and policies across levels (e.g. secondary, community college, and higher education) such that community college credit can be awarded to secondary students, and/or higher education credit can be awarded to secondary or community college students for completing that higher institution's expectations.

Audit: Taking a credit class without being required to participate fully in the class activities (taking tests or doing homework). Classes taken under audit status do not count as credits attempted in financial aid calculations, and the AU status does not count in calculating GPAs.

BMCC Campus: BMCC's main campus is located in Pendleton.

BMCC Center: Within the Blue Mountain Community College system, four outreach centers serve the college's district, which includes Baker, Morrow, and Umatilla counties. Centers are located in Baker City (Baker County), Boardman (Workforce Training Center), Hermiston, and Milton-Freewater.

BMCC Identification Number: A unique, official identification number randomly issued by the college for each BMCC student that is used to record, access, and store academic records.

Certificate Program: A specified program of study leading to an official award and notation on the transcript. BMCC awards certificates to students who complete certain career and technical or

post-secondary programs requiring less than two years of college study and who earn a GPA of no less than a 2.00, or C average.

Class Roster: The official list of students' names enrolled in a particular class.

Cohort: A group, regardless of size, of individuals that can be identified by at least one identifiable characteristic.

College Preparatory Programs: A BMCC department administering classes and activities related to English as a second language (ESL), adult basic education (ABE), general educational development (GED), credit retrieval, post-secondary remediation up to the 60 level.

Contracts Out Of District (COD): Within the Blue Mountain Community College service area, there are two counties (Grant County and Union County) that are outside the BMCC district but that contract with the college for educational services. BMCC has a COD office in John Day and La Grande.

Corequisite: A course or activity that is required to be taken simultaneously with the course described.

Core Curriculum: Courses required for a specific major. Courses in the core curriculum usually must be taken for a grade (pass/no pass is not allowed) to count toward degree requirements.

Course/Class: An organized unit of instruction within an academic discipline or subject of study, or one of the instructional subdivisions of a discipline or subject area.

Course Description: The paragraph in the course catalog that describes a course's emphasis and content; the description also may specify prerequisites, corequisites, recommended preparation, and credit hours.

Credit: A measurement of course work and time spent in an academic endeavor. One credit generally equates to fifty minutes (a clock hour) of instruction and two hours of preparatory work outside the instructional classroom each week, or the equivalent thereof. Credits and clock hours may vary depending upon the type of course.

Credit Load: The total number of credits taken in a given term.

Curriculum: An organized program of study.

CWE: Cooperative work experience. CWE is a program of study in a work environment for which students, instructors, and participating businesses develop written training and evaluation plans to guide student development within specific programs. Students receive course credit for their work experience, whether or not they are paid a wage.

Distance Education: The delivery of instruction to students located throughout the district, state, nation, and the world using a variety of technologies and telecommunications networks. Delivery systems include interactive syncronous distance, video recorded instruction, online instruction, guided instruction, and hybrid courses.

Drop: The process of removing one's name from the class roster within the 100-percent refund period for a course or courses. This procedure results in a full refund. After a drop, there is no record of the student's having ever registered for the class and no grade is reflected on the transcript.

Electives: Courses that students may choose to take, as contrasted with courses that are required for an academic program.

Emphasis: A concentration or specialization within a program or academic option that provides additional curricular focus. *An emphasis does not appear on a transcript except in the A.A.S. degree and certificate programs.*

English Language Acquisition (ELA) (Formerly known as, English as a Second Language [ESL] or English Language Learner [ELL]): Terms that denote students or a program for students who want to improve their English language proficiency in order to perform effectively in an academic, work, or community setting. Many college preparatory classes are structured specifically for ELA students.

Enrollment: The placement of a student within a credit or non-credit course. Enrollment and registration are interchangeable terms from a student standpoint. From an institutional standpoint, registration is the process of enrollment and enrollment is a status.

Enrollment Management (EM): The college's administrative unit consisting of the following functions: admissions, records and testing; advising; financial aid, C.A.S.E., the Student Learning Center, tutoring and veterans' benefits; student employment; services for students with disabilities; recruitment and marketing; and the TRiO Student Support Services grant-funded program. In addition, the Associated Student Government reports to the associate vice president of enrollment management. The EM offices provide services to students in such areas as: official grades and transcripts; degree, credit, and transfer-transcript audits; international student services; issuance of diplomas; institutional academic progress (IAP);

student safety; student dispute resolution; student orientation and student success strategies.

Ethnic/Racial Group: An ethnic or racial category with which a person most closely identifies. Federal and state regulations require BMCC to report aggregated ethnic/racial information and other demographic statistics for its employees and students. The categories listed on federal reports are: American Indian/Alaskan Native, Asian/Pacific Islander, Black, Hispanic, and White. BMCC ethnic/racial reports also include "unknown" and "not reported" categories for students who may be of mixed race or heritage and do not identify with or select any of the categories as listed, who choose not to respond to the query, or who check "unknown" or "not reported" on the data collection form. These ethnic categories do not include international students, who are reported separately.

Faculty: The group of employees whose primary assignment is instructional support of the academic mission.

FAFSA: The Free Application for Federal Student Aid to apply for financial aid for college or grad school. A completed FAFSA is required for students to be considered for federal and state financial aid.

Financial Aid Offer: A combination of financial student-support mechanisms (such as a scholarships, grants, loans, and work-study) determined by the BMCC Office of Financial Aid.

First-Generation College Student: Defined at BMCC as a student whose parents have not earned an associate's degree or higher. Defined by the federally funded TRiO-Student Support Services program as a student whose parents have not earned a bachelor's degree or higher.

First-Time Freshman: A student with fewer than 45 credits who has enrolled for the first time in college.

Foundational Requirements: Refer to General Education Requirements.

Full-Time Student: A student enrolled in 12 or more credits during any one term as of the FTE (full-time equivalent) reporting date established by the Oregon Community College Unified Reporting System (OCCURS). Definitions for financial aid and veterans' services programs may vary.

General Education (Gen. Ed.) Requirements: Courses in the conventional divisions of arts and humanities, social sciences, and math and science that provide students with a broad educational experience. General education courses are typically introductory in nature and provide students with fundamental skills and knowledge. Students seeking an A.A.O.T. or an A.A.S. degree from BMCC and/or planning to transfer to a four-year academic institution often take these required courses while attending a community college in preparation for successful transition as a junior in pursuit of their baccalaureate degree.

Grade: A mark indicating a degree of academic accomplishment.

Grade Point Average (GPA): A computation of work done at BMCC and at other academic institutions. Grade points are computed on the basis of: 4 points for each credit of A, 3 points for each credit of B, 2 points for each credit of C, 1 point for each credit of D, and 0 points for each credit of F or FA. All assigned courses, regardless of curriculum, are included in the BMCC cumulative grade point average. To compute your GPA, take the number of points for your grade, multiply them by the number of credits for that class (for example, if you received an A for a four-credit class, you would have a total of 16 points), and divide the total points by total credits. All marks except A, B, C, D, F and FA are disregarded in the computation of grade point averages; however, some of these disregarded marks will affect financial aid and athletic eligibility. *Honors GPA and graduation are calculated differently (see below).*

Grant: An award of student financial support that does not require repayment and is based on financial need.

Honors: An official recognition of students with exceptional academic qualifications; such students may graduate with honors or high honors. For honors designation, students must have a cumulative GPA of 3.40 to 3.84 in all courses that meet degree requirements. The high honors designation requires a cumulative GPA of 3.85 or higher in all courses that meet degree requirements. The cumulative GPA calculation will include all courses taken at BMCC and other institutions as long as they apply to the degree requirements.

Hybrid Course: Courses delivered by a combination of in class time and online coursework.

In-State Resident: As defined for tuition purposes, a U.S. citizen or national whose primary residence is in Oregon, Washington, Idaho, Wyoming, Nevada, Montana, or California.

Interlibrary Loan Service (ILL): A service provided by the Library and Media Services Center through which BMCC's centers and students, as well as the general public, may obtain materials on temporary loan from other libraries nationwide.

International Student: As defined for tuition purposes, a person who is not a citizen or a national of the United States and who is in this country temporarily and specifically to obtain a postsecondary educational degree. BMCC assesses an international student the same rate of tuition as a student who is classified as a nonresident alien; an international student pays the same amount for fees and books as any other student.

Junior: Usually defined by four-year institutions as a student with 90 quarter credits of 100-level or higher course work.

Major: An extensive program of study in a designated subject area offered at four-year institutions; students seeking a bachelor's degree must declare a major and complete all of its requirements. There are no majors offered at BMCC.

Matriculation: Advancing through the educational process toward a goal, particularly related to enrolling in a college or university (for example, upon completing the A.A.O.T. degree at BMCC, a student may to matriculate to Eastern Oregon University).

Minor: A field of specialized study secondary to a major that may be offered by an academic unit at a four-year institution. There are no minors offered at BMCC.

New Student: A student that has not attended BMCC, has attended BMCC but has not attended within the most recent two academic years, earned credits at BMCC prior to completing high school

Non-Credit Enrollment: Course offerings in which no credit is awarded for completion; non-credit courses often serve to upgrade skills, maintain licensure, or gain personal enrichment.

Non-Designated Degree: A set of courses fulfilling general education requirements for a transfer degree leading to a baccalaureate degree or for the associate of general science degree, which offers a broad education as opposed to a focused or career study program.

Nonresident Alien: A term used for tuition purposes to define a person who is not a citizen or a national of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely. The tuition rate for a nonresident alien is different from the resident tuition rate, but a resident alien student pays the same amount for fees and books.

Non-Traditional Student: A student in credit classes or developmental education classes not fitting the traditional student definition.

Oregon Transfer Module: A one-year program of study through which a student can complete most, but not all, general education requirements before transferring to a public four-year institution in Oregon.

Orientation: An activity for students that is intended to acquaint them with campus resources and thereby better prepare them for successful learning and navigation within the educational system.

Out-of-State Resident: A term used to assess tuition for a student who is a U.S. citizen or national whose primary residence lies outside Oregon, Idaho, Washington, Nevada, Montana, or California.

Outcome: A term used at BMCC and at other institutions that defines institutional expectations and academic standards. Student-learning outcomes are specific statements defining the expected understanding, knowledge, and/or skill-set that a successful student will have obtained upon completing a course. All course syllabi at BMCC list expected student-learning outcomes.

Part-Time Student: For most purposes at BMCC, and consistent with national definitions, a degree-seeking student who is enrolled in fewer than 12 credit hours in a term as of the FTE (full-time equivalent) reporting date established by the Oregon Community College Unified Reporting System (OCCURS). Definitions for the financial aid and veterans' services programs may vary.

Peer Tutor: A trained student who works with fellow students to provide, at no additional cost to the recipients, additional instruction in course work that he or she has completed with a grade of B or better.

Placement Test: An assessment of academic preparedness that helps place a student into a specific course addressing the particular skill level identified by the test. BMCC uses placement tests in math, reading, and writing to help ensure a student's success in college.

Pre-registration: Allows students to register before the beginning of classes each term. Students must be in good academic standing and have no outstanding financial balance due from a previous term; otherwise they may be prevented from enrolling in classes or be removed from classes until such obligations are met.

Prerequisite: A course or instructional program that students are expected to complete successfully as a necessary requirement before they are permitted to enroll in another course or instructional program that is more advanced.

Professional Tutors: Professional tutors are qualified individuals who have a minimum of a bachelor's degree and have been approved through the Office of Instruction to offer tutoring services to credit seeking, GED, ABE, or ESL students at BMCC.

Quarter: Synonymous with the academic period often called a term at BMCC. There are four quarters in an academic year, beginning with the summer quarter and ending with the following spring quarter.

Registration: The placement of a student within a credit or non-credit course. Enrollment and registration are interchangeable from a student standpoint. From an institutional standpoint, registration is the process of enrollment and enrollment is a status.

Resident: For tuition purposes, a student whose primary residence is in Oregon; residents are charged in-state tuition. At BMCC, students who reside in Idaho, Washington, Nevada, Montana, and California are also considered residents.

Resident Alien: A person who is not a citizen or national of the United States and who has been lawfully admitted for permanent residence (and who holds alien registration receipt cards Form I-551/155). A resident alien is assessed tuition at the same rate as a citizen or national of the United States.

Returning student: Student that has graduated from high school or is over 18 and has attended BMCC within the most recent two academic years.

Scholarships: Financial support mechanisms awarded to students based on merit or need. Scholarships may require that recipients meet certain conditions such as term credit load or progress toward degree. Scholarships do not have to be repaid.

Sequence Courses: Two or more closely related courses in a discipline or subject area, taken in a specified order using chronological numbering.

Sophomore: A student who has completed 45 or more credit hours.

Staff: The category of employees whose primary assignment is administrative support of the academic mission.

Subject Code: An alphabetical abbreviation used with a course number to indicate an academic subject area, such as MTH for math courses.

Supplemental Instruction: Face-to-face or online teaching and learning opportunities offered by instructors in addition to and in support of the classroom experience.

Syllabus: An outline of a particular course offering that communicates the course's content, learning objectives, and expected performance criteria for student grades.

Term: An academic quarter.

Traditional Student: A student who is between the ages of 18 and 22 years old taking credit-bearing courses and who has received a high school diploma.

Transcripts: The official record of courses and grades attempted or completed by a student. *Official transcripts* must be ordered by the student from an academic institution's enrollment management office. *Transfer transcripts* are records from another school that BMCC uses for admission purposes or for evaluating a student's earned credits that may be accepted toward a program of study at BMCC. Students requesting transfer transcripts from another institution must arrange to have those transcripts sent directly to BMCC's Office of Enrollment Management in order for those transcripts to be considered official and to be used in assessing credits already earned. *Unofficial transcripts* from BMCC are available online through the student's account.

Transition: The process of a student's successful fulfillment of declared educational goals and his/her subsequent advancement to another endeavor as a result of completing those goals. Transitions may occur, for example, from one academic level to the next, from a study program to a job, or from one institution of higher education to another.

TRiO Student Support Services: A federally funded student-support program that provides services to help eligible students succeed in college. The project serves first-generation, low-income, or disabled students who are seeking a college degree and who hold U. S. citizenship.

Tuition and Fees: BMCC Board approved total mandatory charges assessed students for enrolling in the institution each term.

Tutor: A person with expertise in specific subject areas to assist students in understanding concepts taught in the classroom. Tutors are available free to the students at most BMCC locations, though they may be available to help only in specific academic areas.

Withdraw: The process of filing the required paperwork when a student abandons an attempt to earn the credits associated with a given course. Both the course and a grade of W appear on the student's transcript. The grade of W is not calculated for GPA; however, a W may affect a student's financial aid. Students withdrawing from classes do not receive a refund of tuition or fees.

WolfWeb: The Internet-based resource that provides BMCC students online access to all of their BMCC information.

BMCC Services

Admissions	278-5759
Advising	278-5931
Alumni	278-5850
Ambassadors	278-5936
Art Gallery, Betty Feves	278-5952/5154
Athletics	278-5900/5896
Bookstore	278-5733
Box Office (Theater)	278-5953
Business Office	278-5744
Computer Services / Help Desk	278-5827
Cooperative Work Experience	278-5969
Copy Center	278-5966
CTUIR / Tribal Liaison	278-5935
Disability Services	278-5965
Distance and Extended Learning	278-5763/5969
Enrollment Management	278-5760
EOU Distance Education	278-5776/5778
Financial Assistance to Students	278-5759
Food Services	278-5946
Foundation	278-5775
Grants	278-5831/5930
Health and Wellness Resource Center	278-5965
Human Resources	278-5837/5850
Inclement Weather Information	276-1260
Instruction, Office of	278-5930
Library	278-5915
Maintenance	278-5903/5904
Marketing	278-5936/5962
Public Relations	278-5839
McCrae Activity Center	278-5900/5896
OSU Extension Office	278-5403
Operations	278-5780
President's Office.	278-5951
Recruitment (Student)	278-5936
Registrar	278-5757
Room Scheduling	278-5969
Service Center	278-5759
Scholarship	278-5762
Small Business Development Center, Pendleton	278-5833
Student Employment	278-5165
Student Government Office/Student Activities	278-5948
Student Learning Center	278-5958
TDD Hearing Impaired Hermiston	564-9248
Pendleton	278-2174
Testing	278-5931

Theater Box Office	278-5953
TRiO Student Support Services	278-5853/5852
Tutoring	278-5958
Veterans' Assistance	278-5165
Weather Closure Information	276-1260
Web Coordination	278-5855

Academic Departments

Agriculture	278-5868
Apprenticeship	278-5854
Business Technologies	278-5868
Civil Engineering Technology	278-5868
College Preparatory Programs.	278-5803/5795
Computer Science	278-5877
Dental Assisting	278-5877
Diesel Technology	278-5868
Early Childhood Education	278-5941
Education	278-5927
English	278-5944
Fine Arts	278-5944
Mathematics	278-5877
Nursing	278-5877
Physical Education	278-5896
Science	278-5788
Social Science	278-5944

BMCC Location-Specific Services

BMCC Baker County	523-9127
	or 276-1260 ext. 3201
BMCC Grant County	575-1550
BMCC Hermiston	567-1800
	or 276-1260 ext. 3303
BMCC Milton-Freewater	938-7176
	or 276-1260 ext. 3171
BMCC Morrow County - Boardman	481-2099
BMCC Morrow County - Ione	422-7040
College Preparatory Programs	
Baker City	523-9127
Boardman	481-2099
Hermiston	567-6615
Milton-Freewater	938-4082
Pendleton	278-5803
JOBS Programs	
Hermiston	567-1800 ext. 3322
Milton-Freewater	938-4082 ext. 3175
Pendleton	276-9050 ext. 229
SBDC, Hermiston	564-9021, ext. 3341
Community Corrections Education	276-7824 ext. 249
Eastern Oregon Correctional Institution (EOCI Ed.)	278-7102
Powder River Correctional Facility (PRCF Ed.)	278-7102
Two Rivers Correctional Institution TRCI Ed.)	922-6135