

KCC APPRENTICESHIP CENTER

Building our community's future

Learn more on pg. 2



**Credit Course
Schedule**



Winter 2023

WHY BUILD AN APPRENTICESHIP CENTER?



One Center, Many Uses

The Apprenticeship Center will be used for training in pre-apprenticeships, apprenticeships, commercial truck driving, emergency response operations, welding, EMT, and more!



Fighting fire with fire

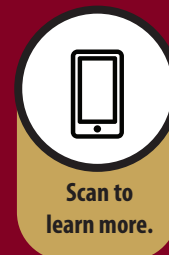
The Apprenticeship Center will feature a training tower for fire and other environmental trainings. Fire academy students will be able to practice in a realistically simulated fire environment.



Bringing welding home

The KCC welding programs are currently housed at Oregon Tech. With the new Apprenticeship Center, KCC welding classes will finally be held on the KCC campus.

To learn more visit
www.klamathcc.edu/apprenticeshipcenter





Welcome! ¡Bienvenidos!

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New to
KCC?

register TODAY
in Founders Hall
(Bldg. 9)

Skip the
LINE!

Make an Enrollment
Appointment NOW!

Use these tools to connect with a Student Success Advisor!



Download the
QLess App



Text 'klamathcc' to:
(541) 612-3482



Website:
www.klamathcc.edu/qless



Use the Kiosk in
Founders Hall

Administration

KCC Mission

Klamath Community College provides accessible, quality education and services in response to the diverse needs of the student, business, and community.

The College supports student success in workforce training, academic transfer, foundational skills development, and community education.

Accreditation

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

Equal Opportunity Policy

It shall be the policy of the Klamath Community College District to affirm the rights of all individuals to equal education, activities, facilities, and employment without regard to age, sex, disability, national origin, race, marital status, religion, or sexual orientation in accordance with federal and state laws. Klamath Community College complies with Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973, and Title II of the Americans with Disabilities Act of 1990, and any amendments thereto.

Inquiries or grievances concerning the application of these laws and regulations to the College may be directed to the Klamath Community College's Executive Director of Human Resources and General Counsel at 7390 South 6th St., Klamath Falls, OR 97603 or at 541-882-3521 or to the Director, Office of Civil Rights, U.S. Department of Education, Washington D.C. 20201.

Accommodations

If a person with a disability needs assistance in order to attend or participate in a college event or meeting, please notify the Disability Specialist at 541-882-3521 within 3 days of the meeting.



USE KCC FACILITIES FOR YOUR NEXT EVENT!

Need a place to host your next big event? KCC has spaces on campus that you can use. From classrooms to the KCC Conference Center, we have the space and technology to make your next gathering a hit!

***See current prices, which spaces
are available, and reserve your
space today at:
www.klamathcc.edu/facilities***

KCC Administration

KCC Board of Education

- Zone 1: Kate Marquez
- Zone 2: Kenneth DeCrans
- Zone 3: Rhoda Keown
- Zone 4: Dave Jensen
- Zone 5: Linda Dill
- Zone 6: Helen Petersen
- Zone 7: Jason Flower

Student Board Member

(non-voting)
Deveyn Horne
ASKCC President



Dr. Roberto Gutierrez
President



Jamie Jennings
VP of Academic Affairs



Geoff LaHaie
VP of Administrative
Services



Gail Schull
VP of Student Affairs



Charles Massie
Executive Director of
External Programs



Josh Guest
Executive Director of
Human Resources and
General Counsel

Registering at KCC Has Never Been Easier!

New students start here.

1

Step 1 - File a FAFSA on the Web

Students who wish to receive Federal Financial Aid should apply at <https://studentaid.gov/>. It can take as long as three months to process. Apply as early as possible. (Directions on pg. 10)

2

Step 2 - Complete KCC admission form

Available on line at www.klamathcc.edu/admissions or in-person inside Founders Hall at 7390 South 6th Street or call 541-882-3521.

3

Step 3 - Meet with Student Services

Meet with Student Services to determine if you need a placement test and to register for classes inside Founders Hall at 7390 South 6th Street or call 541-882-3521.

4

Step 4 - Purchase textbooks

Textbooks may be purchased at the KCC Bookstore and online. If financial aid is complete, students can charge books at the bookstore. For more information please visit bookstore.klamathcc.edu.

Current students start here.

1

Step 1 - Meet with your academic advisor.

2

Step 2 - Register for classes

Save time by using web registration on mykcc.klamathcc.edu. A student success representative is available to answer related questions at 7390 South 6th Street, Founders Hall, 541-882-3521, or www.klamathcc.edu.

3

Step 3 - File a FAFSA On the Web

Students must file a FAFSA every October for the upcoming academic year (summer-spring terms) if they wish to receive financial aid. If you have not filed a FAFSA, you should do so as soon as possible at <https://studentaid.gov/>. Returning students who have already filed a FAFSA or received aid for a previous term should check their online account or see a financial aid representative to make sure everything is ready to go for their upcoming term.

4

Step 4 - Purchase textbooks

Textbooks may be purchased at the KCC Bookstore and on line. If financial aid is complete, students can charge books at the bookstore. For more information please visit bookstore.klamathcc.edu.



Pay for it like a BO\$\$
There are a number of ways to
finance your education.

- FILE YOUR FAFSA EARLY! Open in October.
- Look into Oregon Promise. You may qualify for two years of tuition - FREE!
- Ask about Pell Grants. 60% of KCC students qualify for Pell!
- Transferring to Oregon Tech? Join the Badger to Owl Connection and save thousands.
- Take 15 or more credits through our 15 to Finish incentive program and earn three free lecture credits.

For more information about financing your KCC experience, call 541-880-2250, see a financial aid rep in Founders Hall, or visit www.klamathcc.edu/financial-aid TODAY!

Calendar, Tuition & Fees

Academic Calendar

Winter Term 2023

Register Now! Orientation is now mandatory for new students. All degree seeking students must speak with an academic advisor before registering for classes.

January 9	Classes Begin
January 13	Last Day to Drop or Add Course (instructor permission required after classes begin) Last Day to Request a Refund
January 16	No School – Martin Luther King Jr. Day
February 20	No School – President's Day
March 3	Last Day to Withdraw with a 'W'
March 20-24	Final Exams
March 24	Last Day of Term

Winter Term Tuition and Funding

TUITION & FEES

Up-to-date tuition information can be found at www.klamathcc.edu/tuition

SCHOLARSHIPS

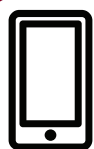
General scholarship information can be found at www.klamathcc.edu/scholarships

Foundation scholarships can be found at www.klamathcc.edu/foundation-scholarships

OTHER FUNDING

Emergency funds
www.klamathcc.edu/foundation

STEP/SNAP/TANF JOBS
www.klamathcc.edu/step



**KCC Financial Aid
is Here to Help!**

If you have any questions about financial aid disbursement, qualification, forms or filing your FAFSA, don't hesitate to call Financial Aid at 541-880-2250 for assistance.

Payment

Tuition and fees are due by the first day of class; accounts are considered past due after this date. Students must pay their account in full or have a completed financial aid application file by this date. The College accepts all traditional forms of payment, including cash (U.S. dollars only), checks, MasterCard, VISA, Discover, debit cards, and payments online. Third-party payment arrangements are also acceptable, which include agency or company payment authorizations, financial aid, scholarships, and veterans educational benefits. It is the student's responsibility to ensure that written third-party authorization is received by the College. Installment plans are available for students with a minimum balance of at least \$275. For more information on setting up an installment agreement and making payments, please contact the cashier at 541-880-2237.

A late fee of \$25 may be assessed on student accounts that are past due. This fee may be assessed up to three times during the term. Failure to make timely payments or to make satisfactory payment arrangements by the due date may result in late fees and/or administrative withdrawal from classes. Prior term unpaid balances must be paid in full before registering for another term. Other college services such as grades, transcripts, diplomas, registration privileges, or any combination thereof may be withheld if students do not make satisfactory arrangements to meet their financial obligation to the college. KCC and Oregon Tech provide concurrent notification to one another of student holds.

**STUDENT
WORKERS
NEEDED!**

Apply today

www.klamathcc.edu/student-work



Scan to learn more and apply



KCC Bookstore

Textbooks for Klamath Community College courses are available at the KCC Bookstore. The bookstore stocks new and used textbooks, school and art supplies, KCC clothing and logo items, graduation regalia and an assortment of food and beverages. The bookstore is located in Founders Hall.

During specific time periods, current KCC students receiving federal financial aid may be eligible to charge textbooks and school supplies to their student accounts. At the end of the term, students may sell books back to the bookstore.

For more information, visit bookstore.klamathcc.edu.

KCC Career Services Center

The KCC Career Services Center, located in Building 4, Room 415, is your one-stop-shop for help with career counseling, advising, and coaching, including individualized assistance and/or workshops for the following topics:

- Resume and cover letter writing
- Filling out applications
- Behavioral and traditional interviewing
- Dressing for interviews, office visits, and work
- Job search techniques
- Networking with employers
- Mock interviews
- Job fairs
- Labor market research/career exploration assessments to find a career based on your interests

Community Resource Benefits Navigator

The Community Resource Benefits Navigator will coordinate a wide range of resources, assist students in evaluating and addressing their specific barriers, and ensure students are aware of all the available resources and benefits, including:

- Referring students to on-campus resources.
- Referring students to external partners.
- Connecting students to local, state, and federal benefits and resources by:
 - Determining eligibility,
 - Assisting students with the application process,
 - Ensuring students maximize available resources and benefits.

Contact the Community Resource Benefit Navigator at 971-380-5120 or strickland@klamathcc.edu

Disability Support

Disability Support Services are available for students with documented disabilities. Students can meet with the disability coordinator to help set up accommodations for courses. Accommodations can include extra time on tests, a dedicated note-taker, and more.

Disability Support can be contacted at kcc.disability@klamathcc.edu

The Learning Resource Center (LRC)

The Learning Resource Center (LRC), encompassing the Library, Testing Center and Tutoring Center, is the gateway to academic success. Located in Founders Hall, the LRC supports students, staff, faculty, and community learners by creating a welcoming atmosphere where no question is too big or too small. The LRC provides study space, access to research resources (both print and electronic), tutoring, testing, computers, printing, copying, scanning, and much more! KCC students have access to the SAGE Library System, a collection of over 75 libraries in Eastern Oregon. Many of the LRC's resources can be accessed off campus.

Military Services

KCC strives to embrace America's military service members, veterans, and spouses as students and to ensure their success on campus.

KCC's Veterans Services Center staff can help you work out your education needs whether you are looking to pursue traditional training or degrees, attain a Community College of the Air Force degree or looking to take online courses through General Education Mobile.

For more information, call 541-880-2214 or email veterans@klamathcc.edu.

SPS & JOBS

SPS & JOBS services are available for SNAP recipients of all ages who are seeking a job or career education that will allow them to seek, or return to, work in less than one year.

Services available:

- Career coaching
- GED/ESL
- Academic skill building
- Career pathways training
- Internships / work experience
- Connection to resources Scholarships (for eligible participants)

Contact the SPS & JOBS Coordinator at 541-850-4550 or ruizm@klamathcc.edu



KCC Students Ride Free

Show your KCC student ID and BTS will do the driving for you.

Do you need a lift to campus? Just flash a valid KCC student ID card and Basin Transit (BTS) will bring you in from anywhere on its routes! Buses stop hourly on campus at :55 on the hour from 6:55 am to 6:55 pm.

Student Resources

STEP

STEP services are available for expecting or parenting students ages 16 to 24 who need help in seeking, or continuing with, job or career education. Services available:

- Career coaching
- Academic skill building
- Career pathways training
- Internships / work experience
- KCC tuition, books, and fee support
- Connection to resources
- Emergency child care
- Diapers
- Formula
- Cribs
- Car seats

Contact the STEP Coordinator at 541-880-2343 or scobee@klamathcc.edu

Technology Help Desk

Need help with printing, installing Office365, or other technology? Visit the Technology Help Desk in the Health Sciences building room 6134.

Phone: 541-880-2226

Email: is.helpdesk@klamathcc.edu

Hours:

Monday - Friday: 7 am-8 pm

Saturday: 10 am-2 pm



**NEW YEAR,
NEW YOU!**

**It's never too late to
take the first step to
a better life through
education.**

KCC is here to help!

**Talk to a Student Success
Advisor today!**

541-882-3521 | kcc@klamathcc.edu

Testing Center

The Testing Center provides testing/proctoring services for a variety of assessments to KCC students, the extended community, other partnering colleges, and local/state licensing agencies. For more information, call 541-880-2334. The Testing Center is located in Building 3.

Refer to the KCC website for hours, as they may vary, or for more information, visit the LRC or call 541-880-2206

TRiO Student Support Services

TRiO Student Support Services is a free program funded by a federal grant. TRiO accepts up to 140 students and follows that cohort from program entry to graduation and/or transfer. Students receive extra academic advising, transfer assistance, tutoring, career and learning style assessment, and free visits to universities and several cultural events each year.

TRiO is located in Founders Hall. For more information, or to request an application, call 541-880-2289 or visit www.klamathcc.edu/trio-sss

Tutoring Services

IN-PERSON TUTORING

Tutors are available to help students in a variety of subjects, including math, chemistry, physics, biology, writing, computers, Spanish, and more! This service is free to current students, upstairs in Founders Hall.

ANSWERLAND AND ETUTORING.ORG

Students have free 24/7 access to reference help and on line tutoring help through Answerland.org.

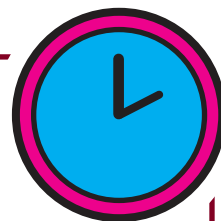
KCC Standard Hours:

Campus offices are open Monday through Friday between the hours of 8 a.m. and 5 p.m., except on national holidays.

Closed:

January 16 - Martin Luther King Jr. Day

February 20 - President's Day



Get Involved and Stay Connected!

Office of Student Life

Student Life promotes the development and success of our students by providing opportunities for meaningful, diverse connections; personal and professional leadership and growth; and community engagement and service.

Get connected! Stop by the Student Life Center to find ways to enhance your college experience at KCC and develop your skills outside the classroom.

For more information or to get involved, contact Student Life at 541-880-2355 or via email at studentlife@klamathcc.edu.

Experience Beyond the Classroom

COMMUNITY SERVICE & VOLUNTEERISM

The Volunteer Badgers program offers opportunities for students and employees to give back to the Klamath Falls community. From adopting a section of the OC&E Trail to volunteering at local events, Volunteer Badgers host one service day a month and are working to expand the number and type of projects available.

Each term, the Office of Student Life hosts a volunteer fair to facilitate meaningful service and community engagement in partnership with community-based organizations. Check out our calendar for event dates/times: www.klamathcc.edu/events.

DIVERSITY

The Office of Student Life celebrates the diversity of experiences and backgrounds found within the KCC community. To foster connection and growth among students and staff, Student Life hosts a wide variety of diversity-based activities and events including Dia de los Muertos, Mardi Gras, and more.

INTRAMURALS & SPORTS

Being a student is more than sitting in a classroom and Student Life aims to get students moving and practice wellness in their everyday lives. Students are invited to use the Wellness Center in Building 4 after a short orientation.

LEADERSHIP

The Office of Student Life hosts workshops to encourage student learning beyond the classroom. These workshops are free and open to students at any level in their leadership journey. Potential topics include effective communication, resume review, informed decision-making, emotional intelligence, and more.



Associated Students of
KLAMATH
Community College

Get Involved

ASSOCIATED STUDENTS OF KLAMATH COMMUNITY COLLEGE (ASKCC)

ASKCC advocates for the student body at local, state, and federal levels, creating opportunities for community engagement and providing access to resources based on individual and collective student needs.

Advocacy • Service • Knowledge • Community • Connection

ASKCC OFFICERS

ASKCC officers are selected each year during the spring term and work to advocate for the student body each academic year (summer term through spring). Officers are available for support or a listening ear during their office hours each week in the Office of Student Life located in Building 4.

If you are interested in applying for an officer position, stop by the Office of Student Life or email studentlife@klamathcc.edu.

Student Clubs and Organizations

WHY SHOULD YOU GET INVOLVED?

Have you ever been passionate to represent a culture or hobby? Joining a club would be a perfect fit! At KCC, student clubs and organizations are the perfect environment to take ownership of your college experience with a fun, out of the classroom community. Students who are involved in class will tell you that clubs provide leadership opportunities, a greater sense of belonging, and a positive outlet for the stress that college can bring.

CAMPUS CLUBS CURRENTLY RECOGNIZED AT KCC:

- Alpha Gamma Nu Nursing Society.
- Criminal Justice Life Club. Advisor: Jim Gravely.
- Indigenous People Club. Advisor: Jo Cochran.
- Latino Club. Advisor: Oscar Herrera.
- Rainbow Club. Advisor: Michael West.
- Science Club. Advisor: Eleazar Gutierrez.
- Technology & Engineering Club. Advisor: Pete Brandsness.
- Phi Theta Kappa Honors Society (PTK). Advisor: Michelle Runyan.
- KCC Gaming Club. Advisor: Kurt Liedtke.

DON'T SEE A CLUB YOU WANT TO JOIN? CREATE A NEW CLUB!

It's simple to start a new club on campus! If you have an idea for a club that you would like to see at KCC, contact the Director of Student Life, at studentlife@klamathcc.edu or 541-880-2321.

Klamath Community College Degrees and Certificates

Accounting

Associate of Applied Science

- Accounting AAS

One Year Certificate

- Accounting Certificate

Less-Than-One-Year Certificate

- Accounting – Bookkeeping Career Pathway Certificate

Agriculture Science

Associate of Applied Science

- Agriculture Science AAS

Less-Than-One-Year Certificate

- Farm and Ranch Manager Career Pathway Certificate

Associate of Arts Transfer (AAT)

- AAT- English Literature

Associate of Arts, Oregon Transfer (AAOT)

Associate of Arts Oregon Transfer (AAOT)

- AAOT
- AAOT – Exercise Science Emphasis
- AAOT – Math Emphasis

Associate of General Studies (AGS)

- AGS
- AGS – Psychology

Associate of Science (AS)

- AS

Associate of Science Transfer (AST)

- AST – Biology
- AST – Business

Automotive Technology

Associate of Applied Science

- Automotive Technology AAS

Less-Than-One-Year Certificate

- Automotive Technician Electrical/Electronic Specialist Career Pathway Certificate

Aviation

Associate of Applied Science

- Aviation Airplane AAS
- Aviation Helicopter AAS

Business Administration

Associate of Applied Science

- Business Administration AAS (Emphasis in Business Management or Marketing)

One Year Certificate

- Business Administration Business Management Certificate

- Business Administration Marketing and Sales Certificate

Less-Than-One-Year Certificate

- Business Administration First-Line Supervisor Fundamentals Career Pathway Certificate

Business Technology

Associate of Applied Science

- Business Technology Administrative Office Professional AAS

One Year Certificate

- Business Technology Administrative Office Professional Certificate

Less-Than-One-Year Certificate

- Business Technology Administrative Office Professional Office Support Specialist Career Pathway Certificate

Computer Engineering Technology

Associate of Applied Science

- Computer Engineering Technology AAS

One Year Certificate

- Computer Support Technician Certificate

Less-Than-One-Year Certificate

- Computer Support Technician Career Pathway Certificate

Criminal Justice

Associate of Applied Science

- Criminal Justice AAS

One Year Certificate

- Addiction Studies Certificate

- Criminal Justice Certificate

Less-Than-One-Year Certificate

- Addiction Studies Career Pathway Certificate

Cybersecurity and Networking

Associate of Applied Science

- Cybersecurity and Networking AAS

Diesel Technology

Associate of Applied Science

Diesel Technology AAS

Less-Than-One-Year Certificate

- Diesel Technician Electrical/Electronic Specialist Career Pathway Certificate

- Professional Truck Driver Career Pathway Certificate

Digital Media Design

Associate of Applied Science

- Digital Media Design AAS

One Year Certificate

- Digital Media Design Multimedia Design Certificate

- Digital Media Design Web Design Certificate

Less-Than-One-Year Certificate

- Digital Media Design Multimedia Design Career Pathway Certificate

- Digital Media Design Web Design Career Pathway Certificate

Education

Associate of Applied Science

- Early Childhood Educator Emphasis AAS

- Education – Paraeducator Emphasis AAS

One Year Certificate

- Early Childhood Educator Certificate

- Education Paraeducator Certificate

Less-Than-One-Year Certificate

- Early Childhood Education Career Pathway Certificate

- Early Childhood Education Career Pathway Certificate (Spanish)

- Education Paraeducator Career Pathway Certificate

Emergency Response and Operations

Associate of Applied Science

- Emergency Response and Operations AAS

One Year Certificate

- Criminal Justice Certificate – ERO

- Emergency Medical Technician Certificate

- Structural Fire Science Certificate

- Wildland Fire Science Certificate

Less-Than-One-Year Certificate

- Criminal Justice Career Pathway Certificate

- Emergency Medical Technician Career Pathway Certificate

- Structural Fire Science Career Pathway Certificate

- Wildland Fire Science Career Pathway Certificate

Health Services

Associate of Applied Science

- Health Information Management AAS

One Year Certificate

- Certified Coding Specialist Certificate

Less-Than-One-Year Certificate

- Electronic Health Record Career Pathway Certificate

- Medical Administrative Assistant Career Pathway Certificate

Laboratory Technician

Associate of Applied Science

- Laboratory Technician AAS

One Year Certificate

- Laboratory Technician Certificate

Less-Than-One-Year Certificate

- Biological and Biotechnology Laboratory Technician Career Pathway Certificate

- Medical and Clinical Laboratory Technician Career Pathway Certificate

Manufacturing Engineering Technology

Associate of Applied Science

- Manufacturing Engineering Technology AAS

One Year Certificate

- Manufacturing Engineering Technologist Certificate

Less-Than-One-Year Certificate

- Computer Aided Design Career Pathway Certificate

- Mechanical Design Solid Modeling Career Pathway Certificate

Nursing

Associate of Applied Science

- Nursing AAS

One Year Certificate

- Practical Nurse Certificate

Welding

One Year Certificate

- Welding Certificate

Less-Than-One-Year Certificate

- Welding – Gas Metal Arc/Wire Feed Welding Career Pathway Certificate

- Welding – Shield Metal Arc/Stick Welding Career Pathway Certificate

- Welding – Tig/Aluminum Stainless Steel Flat Welding Career Pathway Certificate

Addiction Counseling

ADS 102 Drug Use & Addiction

An examination of commonly abused drugs with emphasis on the physical, psychological, and behavioral consequences of these drugs. Includes drug chemistry, physiological effects of drug use upon the body, and specific treatment formats and techniques. Recommended: WRI 121 placement.

ADS 15 Group Counseling & Addiction

Introduction and examination of the theory and practice of group counseling in addiction counseling. Students will examine various counseling theories and begin developing their own approach to addictions counseling. Students will participate in guided practice to facilitate skill development. Recommended: Placement into WRI 121.

ADS 157 Risk Assessment & Intervention

An examination of risk assessment and risk management. Topics will include such areas as HIV/AIDS, hepatitis, suicide, and other areas of self-harm. Students will be able to identify ways in which harm reduction and management of high-risk behaviors in addictions counseling represents an important shift in the focus of addictions treatment. Recommended: WRI 121 placement.

ADS 158 Introduction to Addiction Medication Assessment and Placement

Introduction to the American Society of Addiction Medicine (ASAM) six dimensions of assessment and placement criteria for persons who are misusing or abusing substances. Students will gain an understanding of the relationships between assessment and intervention planning for those who are misusing or abusing substances. Students will also learn about the correlation between substance abuse and mental health issues.

ADS 280 Coop Wk Exp: Addictions

On-the-job, paid or volunteer, experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program. Instructor permission is required, and the student must locate a job site for the course.

Auto Technology

AMT 275 Automotive Brake Systems

This course provides the basic theory required for successful completion of ASE area A5: Brakes. Instructional focus includes: principles of hydraulic brake systems, system components, brake system inspection, system hoses and tubing, master cylinder operation, booster systems and operation, brake systems diagnosis, drum brake design, operation and service, disc brake design and operation, front-wheel disc brake components, component inspection and service, all-wheel disc brake components, all-wheel disc brake inspection and service, pulse variation/lateral run-out concerns, anti-lock brake theory, types of anti-lock brake systems, anti-lock components, system electrical/electronics, basic RWAL operation, basic four-wheel ABS operation, traction control systems, stability control systems, anti-lock brake diagnosis and service.

AMT 291 Safety and Lubrication

Students will perform career readiness education through practice of live work-based skills. This course will focus on introducing students to the correct use of personal safety equipment and procedure.

AMT 294 Entry Level Technician 1

Students will perform career readiness education through practice of live work-based skills. This course will focus on performance, procedure, and applied skills of an entry level technician 1. Prerequisite: AMT 293 with a grade of "C" or better.

Animal Science

ANS 215 Beef/Dairy Industry

Introduction to beef and dairy industries: history, current industry status, demonstration, and practice of basic husbandry skills. Prerequisite: ANS 121. Corequisite: ANS 215L.

ANS 215L Beef/Dairy Industry Lab

Laboratory activities relating to ANS 215. Corequisite: ANS 215.

Agriculture & Resource Economics

ARE 250 Intro to Ag/Environmental Economics

Examines how economic forces and social institutions cause environmental degradation and help build management solutions. Explains key economic concepts for valuing environmental resources and evaluating the trade-offs of alternative management approaches from private markets to regulation. Applies concepts and theories to topical environmental issues such as water pollution and conserving biodiversity.

Art

ART 115 Basic Design: 2-D Black and White

Studio course introducing 2-D black-and-white foundations centered on creative problem solving. 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.

ART 213M Mod Art Hist - Art Since 1945

World War II ended the supremacy of Europe in the visual art world and focused attention on America. Course examines and analyzes art since 1945 to explore the ideas behind it, reveal our culture and values, and to gain a greater understanding and appreciation of contemporary art. Recommended: WRI 121 placement.

ART 213 Mod Art Hist - Art Since 1945

World War II ended the supremacy of Europe in the visual art world and focused attention on America. Course examines and analyzes art since 1945 to explore the ideas behind it, reveal our culture and values, and to gain a greater understanding and appreciation of contemporary art. Recommended: WRI 121 placement.

ART 231 Drawing II

A studio experience with supporting slides, lectures, and occasional films. Further exploration of different ways of seeing and drawing to become more visually literate. Course presents intermediate or advanced drawing techniques and materials. Employs conceptual references for critical analysis of visual forms, along with basic theories of art within the historical context. You will be expected to purchase materials for this course based on a list provided by the instructor. Material costs will be approximately \$80. Prerequisite: ART 131.

Winter Courses A - Z

ART 265 Art for Teachers

Students will gain experience with a variety of art materials appropriate for use in the classroom. This course addresses the challenge of learning the "how- to" of art while preparing to teach the same to children.

Anthropology

ATH 101 Intro to Physical Anthropology

Introduces physical anthropology and the study of human biological evolution in the context of modern genetics and primate behavior studies. Examines the human fossil record, as well as the diversity and commonality of present and past populations of humankind. Recommended: WRI 121 placement.

Aviation

AVS 100 Intro to Aviation

This course examines aviation from early flight to future potentials. Introduces career opportunities in all fields of aviation and outlines career advancement possibilities. Provides general overview of pilot certificates and ratings and training aircraft used.

AVS 105 Aviation Fundamentals

Covers the basic fundamentals of aircraft aerodynamics, aircraft performance, and aviation meteorology with emphasis on Air Traffic Control (ATC) procedures, pilot communication, and the National Airspace System (NAS).

AVS 120 Aircraft Systems & Structures I: Airframe

This course is designed to give students the background in aircraft systems and structures, with an emphasis on airframe components that will enable them to progress into more advanced aircraft. Provides understanding of the safe and efficient operation of aircraft systems.

AVS 251 Aviation Law & Regulations

This course explores the applicable federal aviation regulations through case law and current events. The FAA's role in the development and regulation of the industry is examined. Covers how to reference, interpret, and explain aviation law and regulations.

AVS 254 Aviation Safety

This course offers a detailed introduction into aspects of aviation safety intended to promote flight safety in the general aviation and training environment. Topics will include risk management, pilot psychology, human factors, accident trends, and analysis of accident reports.

Biology

BIO 101 Biology I

A laboratory science course designed for non-biology majors. The first term of a three-term sequence. Includes introduction to science, biochemistry, metabolism, the cell, molecular biology and reproduction. Recommended: Completion of CAS 133. Prerequisites: MTH 070 or MTH 095 or MTH 111 or placement into MTH 095 or MTH 111 and WRI 095 or WRI 121 or placement into WRI 121. Corequisite: BIO 101L.

BIO 101L Bio I Lab

Laboratory activities relating to BIO 101. Corequisite: BIO 101.

BIO 102 Biology II

A laboratory science course designed for non-biology majors. Presents protein syntheses, cell divisions, animal reproduction, genetics, embryology and the basic doctrines of evolution. Prerequisites: MTH 070 or MTH 095 or MTH 111 or placement into MTH 095 or MTH 111 and WRI 095 or WRI 121 or placement into WRI 121. Corequisite: BIO 102L.

BIO 102L Bio II Lab

Laboratory activities relating to BIO 102. Corequisite: BIO 102.

BIO 112 Integrated Chemistry and Cell Biology for Health Occupations

Introduces basic concepts of matter, atoms, compounds, intermolecular forces, solutions, pH, biomolecules, cell chemistry, cell structure and function, cell reproduction, and genetics. Concepts covered are applied to health-related problems. Recommended: MTH 070 or MTH 095 or MTH 111 or placement into MTH 070. Corequisite: BIO 112L.

BIO 112L Integrated Chemistry and Cell Biology for Health Occupations Lab

Laboratory activities relating to BIO 112. Corequisite: BIO 112.

BIO 112L Integrated Chemistry and Cell Biology for Health Occupations Lab

Laboratory activities relating to BIO 112. Corequisite: BIO 112.

BIO 207 Medical Genetics

Principles of heredity, chromosome mechanisms and molecular genetics applied to disease processes in humans. Review of case histories of selected inherited disorders. Discussion of genetic intervention therapies. Prerequisite: BIO 212. Corequisite: BIO 207L.

BIO 207L Medical Genetics Lab

Laboratory activities relating to BIO 207. Corequisite: BIO 207.

BIO 212 Prin of Biology 2 (Preprofessional)

Second part of a three-term sequence designed for students majoring in biology and the sciences, including pre-medical, pre-dental, pre-veterinarian, chiropractic, pharmacy, and related fields. Includes life cycles, reproduction, inheritance, evolution, and ecology. Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121. Corequisite: BIO 212L.

BIO 212L Prin of Bio 2 Lab

Laboratory activities relating to BIO 212. Corequisite: BIO 212.

BIO 212L Prin of Bio 2 Lab

Laboratory activities relating to BIO 212. Corequisite: BIO 212.

BIO 231 Anatomy & Physiology I

First term of a three-term sequence covering chemistry, cells, tissues, and the skin, skeletal, and muscular systems. Laboratory experiences will be used to elaborate on concepts presented in lecture. Prerequisites: BIO 112 and BIO 112L. Corequisite: BIO 231L.

BIO 231L Anatomy & Phys I Lab

Laboratory activities relating to BIO 231. Corequisite: BIO 231.

BIO 232 Anatomy & Physiology II

Second term of a three-term sequence. Courses may not be taken out of sequence. Covers nervous, endocrine, cardiovascular, and immune systems. Laboratory experiences will be used to elaborate on concepts and presented in lecture. Prerequisite: BIO 231. Corequisite: BIO 232L.

BIO 232L Anat & Phys II Lab

Laboratory activities relating to BIO 232. Corequisite: BIO 232.

BIO 234 Microbiology I

Lecture, recitation, and laboratory will cover: Bacterial genetic recombination; bacterial, viral and parasitic relationships with human health and disease; immune system and allergy; water and sewage treatment; soil microbes; and microbiology of foods. Laboratory stresses aseptic technique, bacterial identification and physiology using a variety of media, culturing techniques, and staining techniques. Prerequisites: MTH 095 and WRI 095. Corequisite: BIO 234L.

BIO 234L Microbiology I Lab

Laboratory activities relating to BIO 234. Corequisite: BIO 234.

Business

BUS 101 Intro to Business

Survey course exploring historical, social, political, economic, and legal environments of business. Interrelationships of the functional areas of management, finance, marketing, accounting, and international business are introduced. The class will stress fundamental concepts, terminology, ethics, and career opportunities.

BUS 111 Intro to Accounting

Presents double-entry accounting as related to service businesses. Provides an understanding of the accounting cycle, debits and credits, and financial statements for these businesses. Also introduces journalizing and posting to the general ledger.

BUS 124 Leadership Skills in Action

This course introduces new and experienced students to leadership concepts in relation to becoming and functioning as a leader. Students will have opportunities to explore and reflect upon personal leadership styles and strengths, and enhance their leadership abilities through the examination of theory and application of practical information and skills. The course combines experiential components with classroom discussion, reading, and applied learning activities.

BUS 211 Principles of Accounting I

Introduces financial accounting theory, including the accounting cycle, analysis and recording of transactions, and reporting financial information in accordance with generally accepted accounting principles. Prerequisite: BUS 111 with a grade of "C" or better.

BUS 212 Principles of Accounting II

Continues the presentation of fundamental issues begun in BUS 211. Topics covered will include notes, accrued interest, bad debts, inventory, and plant assets, including depreciation. Also introduces accounting for partnerships, corporations, and long-term liabilities and investments. Prerequisite: BUS 211 with a grade of "C" or better.

BUS 213 Managerial Accounting

Covers managerial accounting, including the cost/volume/profit relationship, manufacturing costs, cost decisions, management planning, budgeting, and responsibility accounting. Prerequisite: BUS 211 with a grade of "C" or better.

BUS 214 Business Communication

This course covers concepts and skills necessary to communicate in today's constantly changing business environment. Students will learn how to create a wide range of business documents and oral presentations, addressing the needs of diverse audiences, and ethical implications of the communication process. Instructor approval may be obtained if a student has not met the WRI 121 prerequisite. Prerequisites: CAS 133 and WRI 121.

BUS 218 Personal Finance

Studies the role of the consumer in the economy and addresses problems of financing individual and family needs, including budgeting, banking relationships, charge accounts, installment buying, insurance, wills, real estate investing, and personal taxes. Recommended: Placement into MTH 060 or MTH 070.

BUS 224 Human Resource Management

Explores the management of human behavior in the workplace, including employment, employee development, performance appraisals, wage and salary administration, employee rights, discipline and due process, and labor-management relations. Prerequisite: WRI 121.

BUS 226 Business Law I

This course provides an introduction to the legal environment of business. Focus topics include regulation, court jurisdiction, forms of business organization, the obligations arising from business relationships and transactions, and the liabilities arising from business practices. Prerequisite: WRI 121.

BUS 228 Computer Accounting Applications

Covers use of integrated, computer-based accounting programs. Includes general ledger, accounts receivable, accounts payable, and payroll. Prerequisite: BUS 211 with a grade of "C" or better.

BUS 229 Project Management Fundamentals

The ability to effectively manage a project is a vital skill in any workplace. This course will introduce the tools needed to effectively plan, implement, and complete projects in a variety of workplace environments. Topics include understanding the project life cycle, identifying resources and potential risks for each stage, working closely with stakeholders, and using the most effective applications to achieve success. Strategies for building and communicating with a team will be stressed, and Microsoft Project will be used as the foundation for this course. Corequisite: BUS 229L.

BUS 229L Project Management Fundamentals Lab

Laboratory activities related to BUS 229. Corequisite: BUS 229.

Winter Courses A - Z

BUS 238 Sales & Sales Management

Students will learn fundamental skills related to selling products and services in various markets. Topics include strategies for each stage of the sales process, trends in buying behavior, best practices for developing and maintaining customer relationships, and tools to strategically manage the entire sales function. This course offers a blend of theory and practice using demonstrations, role play, and sales simulations.

BUS 250 Small Business Management

Practical analysis of principles of small business management and owner operated businesses are covered. Explores management methods, financial support, marketing management, common administration and control, analysis of trends, and professional practices. Students will be exposed to the critical elements of a business plan. Prerequisites: BUS 111 or BUS 211 and CAS 133 and CAS 133L.

BUS 261 Consumer Behavior

This course explores the factors that impact consumer buying behavior and the process that consumers use to make purchasing decisions. Psychological and sociological principles related to consumer behavior and the decision-making process are explored and applied directly to marketing strategy and tools used in a typical retail environment.

BUS 280 Coop Wk Exp: Accounting

On-the-job, paid or volunteer, experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program so that the student can learn various functional aspects of the industry. Cooperative work experience is offered for variable credit based on the student's objectives. Instructor permission is required prior to registering and the student must locate a job site for the course. Recommended: Completion of TEX 280 or co-enrollment during same term.

BUS 280 Coop Wk Exp: Bus Tech

On-the-job, paid or volunteer, experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program so that the student can learn various functional aspects of the industry. Cooperative work experience is offered for variable credit based on the student's objectives. Instructor permission is required prior to registering and the student must locate a job site for the course. Recommended: Completion of TEX 280 or co-enrollment during same term.

BUS 280 Coop Wk Exp: Business

On-the-job, paid or volunteer, experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program so that the student can learn various functional aspects of the industry. Cooperative work experience is offered for variable credit based on the student's objectives. Instructor permission is required prior to registering and the student must locate a job site for the course. Recommended: Completion of TEX 280 or co-enrollment during same term.

BUS 285 Human Relations in Organizations

This course covers human interactions within organizations, with a particular focus on communication and small group dynamics. Human relations techniques that build better employer/employee relationships are explored, and interpersonal relations both on the job and in everyday life are addressed.

Computer Applications

CAS 121 Beginning Keyboarding

Students will learn to key alphabetic portion of the computer keyboard by touch, develop or refine basic keyboarding techniques, and increase speed and accuracy.

CAS 133 Intro to Computing Skills

Provides hands-on experience with Microsoft Office software fundamentals, including Word, PowerPoint, and Excel. Includes concepts of computer operations and literacy as well as insight into the broad impact of computers on today's society. Students should have a basic working knowledge of general computer use prior to enrollment. Recommended: WRI 095 and keyboarding by touch. Corequisite: CAS 133L.

CAS 133L Intro to Computing Skills Lab

Laboratory activities relating to CAS 133. Corequisite: CAS 133.

CAS 170 Spreadsheets

This in-depth, hands-on course will present beginning and intermediate spreadsheet concepts. Students will use Excel efficiently to design and create accurate professional worksheets for use in business. Recommended: CAS 133 and MTH 020 or MTH 070 or MTH 095 or MTH 111 or placement into MTH 070.

CAS 216 Word Processing

Students will acquire knowledge and skills while preparing and editing word-processed documents. Recommended: Successful completion of CAS 133, and 25 wpm keyboarding proficiency.

CAS 245 Office Systems & Procedures

This course introduces students to a wide variety of office procedures and skills needed to be efficient in today's office environment. Students will draw upon related learning in previous courses as they participate in team and individual office skills projects with a focus on application software. Recommended: Successful completion of CAS 170 and CAS 216. Corequisite: CAS 245L.

CAS 245L Office Systems & Procedures Lab

Laboratory activities relating to CAS 245. Corequisite: CAS 245.

College Survival and Success

CGS 100 College Survival & Success

The purpose of this course is to help the student become a more effective learner. This course will cover college terms and information, class choice, degree requirements, etc. Helps new or returning students make personal and social adjustments for college success.

CGS 112 Career Exploration & Planning

This course will help students explore career options utilizing employment and community resources plus online job search resources. Interviewing skills will be stressed with mock interviews.

Chemistry

CHE 104 General Chemistry I

Includes general principles of chemistry, including atomic structure, mole concept, chemical reactions stoichiometry, and gas laws. Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 121. Corequisite: CHE 104L

CHE 104L Gen Chem I Lab

Laboratory activities relating to CHE 104. Corequisite: CHE 104.

CHE 222 General Chemistry II (Preprofessional)

Includes chemical stoichiometry, acid and base solutions, oxidation reduction, chemical kinetics, and thermodynamics. Prerequisite: CHE 221. Corequisite: CHE 222L.

CHE 222L Gen Chem II Lab

Laboratory activities relating to CHE 222. Corequisite: CHE 222.

Computer Information Systems

CIS 126 C++ Programming II

Solving complex problems using advanced features of the C++ language. Topics include function usage, pointer data type, dynamic memory allocation, string manipulation, and structure and union data types. Emphasis is on structured program design techniques. Prerequisite: CIS 116 with a grade of "C" or better. Corequisite: CIS 126L.

CIS 126L C++ Programming II Lab

Laboratory activities relating to CIS 126. Corequisite: CIS 126.

CIS 130 Computer Organization

Introduces computer elements, organization, and instruction sets, computer arithmetic, ALU, registers, datapath, memory and control unit functions. Prerequisite: CIS 162 with a grade of "C" or better.

CIS 140 Linux Fundamentals

This course provides students with the fundamental concepts of Linux/UNIX operating systems. Students will acquire open source concepts and progressively master Linux commands and understand how Linux is used and the basics of its command line. This course helps prepare students for taking the LPI Linux Essentials Professional Development Certificate (PDC) exam. Corequisite: CIS 140L.

CIS 140L Linux Fundamentals Lab

Laboratory activities relating to CIS 140. Corequisite: CIS 140.

CIS 146 Software Installation Support

This course covers the fundamentals of computer software. Topics covered include operating systems, virtualization, disk and file management, software security, and mobile device and printer software. Students will learn procedures to install, configure, and backup software. Corequisite: CIS 146L.

CIS 146L Software Installation Support Lab

Laboratory activities relating to CIS 146. Corequisite: CIS 146.

CIS 152 Network II

This course covers network communication over the Internet and wireless technology. Students will learn how to configure a wireless network, to use remote access technology, to configure network security, and to make routine system checks and upgrades. Cloud computing and wide area networks (WAN) will be covered. Coursework will include designing and building a small scale local area network (LAN). Corequisite: CIS 152L.

CIS 152L Network II Lab

Laboratory activities relating to CIS 152. Corequisite: CIS 152.

CIS 195 Intro to Web Page Design

Basic course in web page design and creation. Explores design principles, site planning and navigation, typography, and basic graphics. Includes introduction to HTML, JavaScript, cascading style sheets, and other advanced Internet technologies. Student ownership of PC with Internet access, browser, and web authoring software is helpful but not required. Prerequisite: CAS 133. Corequisite: CIS 195L.

CIS 195L Intro to Web Page Design Lab

Laboratory activities relating to CIS 195. Corequisite: CIS 195.

CIS 206 Intro to Information Technology

This course introduces the key components found in modern business information systems, including both the major hardware components of today's network and primary categories of software applications used to support knowledge workers. Data resource management concepts are developed to provide the student with a high level picture of how the elements of an information system work together to solve problems and support business opportunities. Business ethics relating to the use of information systems is explored for local and global firms. Prerequisite: CAS 133. Corequisite: CIS 206L.

CIS 206L Intro to Information Technology Lab

Laboratory activities relating to CIS 206. Corequisite: CIS 206.

CIS 211 Digital Game Development II

Advanced digital game development using 3D video games and Unity. Students will learn game development, design principles and practices. Students will utilize Unity game development tools to create powerful games and interactive augmented reality projects. Corequisite: CIS 211L.

CIS 211L Digital Game Development II Lab

Laboratory activities relating to CIS 211. Corequisite: CIS 211.

CIS 279 Network Operating Systems

Introduces the fundamental skills required to install and configure a Windows Server. Topics covered include: Hyper-V, Active Directory, DNS, DHCP, Group Policy, File and Print Services, and troubleshooting. This course helps prepare students for taking for the Microsoft Windows Server certification examination. Prerequisites: CIS 146 and CIS 152 with a grade of "C" or better. Corequisite: CIS 279L.

CIS 279L Network Operating Systems Lab

Laboratory activities relating to CIS 279. Corequisite: CIS 279.

CIS 280 Coop Wk Exp: Computer Technology Engineer

On-the-job, paid or volunteer, experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program so that the student can learn all aspects of the industry. Cooperative work experience is offered for variable credit based on the student's objectives. Instructor permission is required and the student must locate a job site for the course. Prerequisites: CIS 146 and CIS 152 with a grade of "C" or better.

Winter Courses A - Z

CIS 281 **Coop Wk Exp: Computer Technology Engineer 2**

Internship, paid, or volunteer experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program so that the student can experience aspects of the industry. Cooperative work experience is offered for variable credit based on the student's objectives. Instructor permission is required and the student must locate an employer or non-profit organization to fulfill the requirements for the course. Prerequisites: CIS 146 and CIS 152 with a grade of "C" or better.

CIS 297 **Capstone**

Requires students to apply responsive design and create a portfolio website project while using industry standard software and technical tools. Includes planning, production, project review, and peer critiques. Includes completion of an online portfolio that show cases coursework artifacts from all completed courses. Requires the development of a self-marketing statement emphasizing the student's career focus.

Criminal Justice

CJA 111 **Intro to Criminal Justice System - Police**

Examines the American criminal justice system and its origins with particular attention to the police. Provides an overview of the entire criminal justice process and reviews contemporary practices such as community policing.

CJA 112 **Intro to Criminal Justice Systems - Courts**

Explores: the court system and its procedures; laws as they affect the court system; types and degrees of evidence; rules governing admissibility of evidence; and the structure and function of local, state and federal court systems of the United States.

CJA 118 **Intro to Peer Support Specialist**

Introduces the process of becoming a peer support specialist in an outpatient department and other settings. Develops both a theoretical and practical base of knowledge to allow the student to develop peer support and motivational interviewing techniques. Students will develop an overall grasp of the Core Competencies for Peer Support Workers. Students will study some of the more common techniques used in peer support settings, including focuses on healthy boundaries, social support systems, cognitive skills, substance abuse recovery, individual session format, facilitating peer support groups, motivational interviewing (MI), and other techniques. Students will achieve an overall grasp of what it means to be a peer support specialist for the mental health and addiction population and how they can be an important tool in the recovery process. Students will demonstrate skills in peer support mentorship; including the preparation of individual session progress notes, reports, and group facilitation notes.

CJA 212 **Criminal Law**

Covers the origin, structure and definitions of common law and statutory crimes, the Criminal Code of Oregon, and criminal court procedures. Students will participate in a mock trial. Recommended: CJA 111, CJA 112, and CJA 113. Prerequisites: WRI 121 with a grade of "C" or better.

CJA 214 **Criminal Investigation**

Introduces modern investigative methods, including the collection and preservation of physical evidence, scientific aids, sources of information, interviews, follow-up, and case presentation. Includes interviewing and interrogation techniques, and the use of the polygraph. Recommended: CJA 111, CJA 112, and CJA 113. Prerequisites: WRI 121 with a grade of "C" or better.

CJA 228 **Public Safety Writing**

Emphasizes writing skills and techniques appropriate to narrative structures necessary for operational police reports. Prerequisite: WRI 121 with a grade of "C" or better.

CJA 233 **Criminology**

An in-depth analysis of major theories of crime and deviancy from various sociological, psychological, and political perspectives. Focuses on types of crimes and criminals as well as incidence rates of crimes; examines socioeconomic, cultural, ideological, and psychological factors related to the causes, treatment, and/or prevention of criminal behavior. Recommended: CJA 111, CJA 112, and CJA 113. Prerequisites: WRI 121 with a grade of "C" or better.

CJA 280 **Coop Wk Exp: Criminal Justice**

On-the-job, paid or volunteer, experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program so that the student can learn all aspects of the industry. Instructor permission is required and the student must locate a job site for the course.

Crop & Soil Science

CSS 210 **Forage Production**

Current production practices for forage crops including establishment, fertilization, pest control, irrigation, renovation, and grazing management.

Diesel Technology

DST 111 **Basic Electricity**

Provides basic instruction in the principles of electricity in industrial applications. The course will discuss safety, AC/DC voltages, and emphasize practical applications.

Early Childhood Education

ECE 102 **Guidance of Young Children**

Focuses on age-appropriate guidance techniques for individual and groups of children six weeks to eight years. Topics include: how values and belief systems impact guidance decisions, promoting a prosocial environment, and understanding children's behavior. PSY 235 is strongly recommended.

ECE 200 **The Professional in Early Childhood Education**

History, current programs and practices, and future issues of early-childhood education. Includes professionalism, historic and current issues, types of programs for young children, parent interaction, job opportunities, ethical/legal issues and community resources. Develops a professional philosophy.

ECE 249 Inclusion of Children w/Special Needs

Focuses on early intervention and early childhood special education including disability characteristics, environmental and curricular adaptation, instructional strategies, and legislative mandates. Explores ways teachers can facilitate the inclusion of young children with diverse and special needs in a child care or classroom setting. Includes the role of families in early intervention services.

ECE 280 Coop Wk Exp: Early Childhood Education

On-the-job, paid or volunteer, experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program so that the student can learn all aspects of the industry. Cooperative work experience is offered for variable credit based on the student's objectives. Instructor permission is required and the student must locate a job site for the course. All students must successfully pass a criminal background check.

Economics

ECO 202 Principles of Economics: Macroeconomics

This course covers principles of national income, aggregate supply and demand, employment, monetary policy, recession, inflation, and macroeconomic stabilization. Basic principles of international trade and finance are also developed. Recommended: successful completion of MTH 070 or above and WRI 121 placement.

Education

EDU 133 Computers in Education

Designed to train students on the preparation and use of instructional media and materials commonly found in the public schools. Includes an introduction to computers and other new learning technologies. Helps students develop an understanding of the place and importance of these instructional tools in the learning process and how to design lessons using these materials. Corequisite: EDU 133L

EDU 133L Computers in Education Lab

Laboratory activities relating to EDU 133. Corequisite: EDU 133

EDU 280 Coop Wk Exp: Education

On-the-job, paid or volunteer, experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program. Cooperative work experience is offered for variable credit based on the student's objectives. Instructor permission is required. All students must successfully pass a criminal background check.

Emergency Medical Technician

EMT 151L Emergency Medical Tech Part 1 Lab

Laboratory activities relating to EMT 151. Corequisite: EMT 151.

EMT 151 Emergency Medical Technician Part 1

This course is the first half of a course that prepares students for the National Registry Certification and licensure in Oregon as an Emergency Medical technician. The course is designed to develop a student's skills in the recognition of symptoms of illness, injuries, and the proper procedures of emergency care. Prerequisites: MTH 060 and MTH 065 or MTH 070 and WRI 121 or placement into MTH 070 and WRI 121. Completion of Health Care Provider CPR, and all required immunizations. Prior to beginning clinical rotations, students are required to submit a criminal background check and drug screen. Corequisite: EMT 151L.

EMT 152 Emergency Medical Technician Part 2

This course is the second half of the course which prepares students for the National Registry certification and licensure in Oregon as an Emergency Medical Technician. This course is designed to develop a student's skills in the recognition of symptoms of illness, injuries, and the proper procedures of emergency care. NOTE: Successful course completion does not guarantee National Registry certification or licensure in the State of Oregon. Prerequisite: Permission of the Course Director is required to continue. EMT 151 and EMT 151L with a grade of "C" or better. Corequisite: EMT 152L

EMT 152L Emergency Medical Technician Part 2 Lab

Laboratory activities relating to EMT 152. Corequisite: EMT 152.

English

ENG 105 Intro to Literature (Drama)

Examines dramatic literature as an art form that provokes thought and challenges social norms. Examines plays from diverse cultures and historical periods, and considers them as expressions of human experience. Corequisite: WRI 121.

ENG 195 Film Studies: Film as Art

Explores the art of film making from its origins in the silent era of the 1890s, through the talkies and musicals of the early 20th century, modernist, experimental post-WWII films, up to the most recent trends and developments. Considers how film is shaped by, and in turn, shapes its time period and culture. Students learn to analyze how visual, auditory, stylistic, and technical components come together as an integrated work of art. Prerequisite: WRI 095 or WRI 121 or placement into WRI 121.



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Winter Courses A - Z

ENG 201 Shakespeare's Early and Middle Works

Explores the development of Shakespeare's art and contribution to literature, culture, and the English language, with a focus on histories, tragedies, comedies, and non-dramatic poetry prior to 1602. Students will read and view four or more plays and selected non-dramatic poetry in order to introduce the study of Shakespeare's dramatic techniques, character development, and language. The works are chosen to reflect a broad range of patterns, themes, and genres. Recommended prior coursework: ENG 104, ENG 105, and ENG 106. Prerequisite: WRI 121.

ENG 240 Intro to Native American Literature

Introduction to Native American Studies and oral and written composition by Native Americans from both before and after contact with Euro-Americans. Provides historical, geographical, political, social, religious, linguistic, aesthetic, and ethno poetic contexts for understanding the various tribal literatures studied. Recommended: Some background or experience in literature is desirable. Prerequisite: WRI 121.

Environmental Science

ENV 170 Environmental Science

Examines major environmental questions facing the world today. Includes population growth, matter and energy resources, ecosystems, pollution, and environment and society. Explores a broad range of environmental issues including sustainability, the interconnection of the economy with ecosystem, short-term versus long-term gains, and the trade-offs in balancing problems and solutions. Recommended: Placement into WRI 095. Corequisite: ENV 170L.

ENV 170L Environmental Science Lab

Laboratory activities relating to ENV 170. Corequisite: ENV 170.

Emergency Response Operations

ERO 125 Hazardous Materials Awareness and Operations

Designed to prepare individuals to safely respond to hazardous materials emergencies. Individuals will learn to analyze an incident, detect the presence of hazardous materials, survey the scene, collect hazard information from the DOT Emergency Response Guidebook, implement actions consistent with standard operating procedures, initiate protective actions, and initiate the notification process.

Fire Science

FRP 122 Fire Codes, Related Ordinances and Inspection

Provides fundamental knowledge relating to the field of fire prevention. Includes history and philosophy of fire prevention, organization and operation of a fire prevention division, use and application of codes and standards, plans review, fire inspection, fire and life safety education. Recommended: FRP 111, FRP 111L

FRP 233 Firefighter Safety and Survival

Introduces students to 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. Prerequisite: FRP 111 and FRP 111L.

FRP 281 Introductory Work Experience – Career Fire District

This course compliments the experience gained in FRP 282. The course introduces the student to a Career Fire Protection District's work environment. The student participates in four 8-hour shifts with cooperating Career Fire Protection Districts under District personnel supervision. During their shift rotations, students will learn about career firehouse organization and emergency response protocols, participate in firehouse training sessions, assist with equipment maintenance, and ride along on emergency responses as an observer. Prerequisites: ERO 100, FRP 111, FRP 111L.

General Agriculture

GAG 200 Exploring Agriculture

Exploration of Agricultural Sciences major and career opportunities.

GAG 280 Coop Wk Exp: General Agriculture

On-the-job, paid or volunteer, experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program so that the student can learn all aspects of the industry. Cooperative work experience is offered for variable credit based on the student's objectives. Instructor permission is required and the student must locate a job site for the course.

Geography

GEO 106 Human Cultural Geography I

Introduces students to the science of human geography. Concepts are applied to a variety of Western regions including the Klamath Basin, the Americas, and Western Europe. Recommended: WRI 121 placement.

Health

HEA 100 Nursing Assistant I

This course provides the foundation for student success with state certification testing, and workforce training aimed at entry-level positions. Students will practice learned techniques in personal care, dining, emergency care, rehabilitation and interpersonal skills with emphasis on safety, infection control, legal and ethical considerations while in the acute and sub-acute facilities. Successful course completion does not guarantee state certification. Corequisites: HEA 100L and HEA 100C.

HEA 100C Nursing Assistant Clinical

This course provides the foundation for student success with state certification testing, workforce training aimed at entry-level positions. Students will practice learned techniques in personal care, dining, emergency care, rehabilitation and interpersonal skills with emphasis on safety, infection control, legal and ethical considerations while in the acute and sub-acute facilities. Successful course completion does not guarantee state certification. Corequisites: HEA 100 and HEA 100L.

HEA 100L Nursing Assistant Lab

This course provides the foundation for student success with state certification testing, workforce training aimed at entry-level positions. Students will practice learned techniques in personal care, dining, emergency care, rehabilitation and interpersonal skills with emphasis on safety, infection control, legal and ethical considerations while in the acute and sub-acute facilities. Successful course completion does not guarantee state certification. Corequisite: HEA 100 and HEA 100C.

Health Information Management

HIM 106 Health Data Content & Structure II

This course covers the importance of accurate and timely health record documentation. Addresses fundamental health record documentation requirements and practices in a variety of healthcare settings. Topics include information governance, electronic health records and health IT, and clinical documentation improvement, and real-world, hands-on experience with web-based virtual lab. Prerequisite: HIM 104.

HIM 212 Intro to Pharmaceuticals

This course covers appropriate medication use, the effects of medication, dangers and precautions, and routes of administration. Reviews common prescription abbreviation, forms of medications, and basic drug categories.

HIM 232 Medical Revenue – Insurance and Billing Application

Students will learn accurate processing of health insurance claims. Thorough instructions in all aspects of medical insurance including plan options, payor requirements, state and federal regulations, abstracting of documents, accurate completion of claims, coding diagnoses and procedures. Determine the accuracy of abstracted data elements for data base integrity and claims processing. Includes contemporary prospective payment systems and key health plans, charge master maintenance, and evaluation of fraudulent billing practices. ICD-10-CM, CPT-4 and HCPCS will be reviewed and there will be hands-on application of EHR- Go Coding; Inpatient and Outpatient. Recommended: HIM 131 and HIM 231.

HIM 275 Quality Improvement in Healthcare

This course investigates application and analysis of quality management, utilization management, risk management, and their related studies. Also covered is the analysis of clinical data to identify trends that demonstrate quality, safety, and effectiveness of the healthcare system. Abstraction of data for facility-wide quality management and performance improvement programs is also presented. In addition review of registries (cancer, disease, diabetes), indexes, and databases are attained.

HIM 280 Coop Wk Exp: HIM Prof Prac II

Provides practicum experience in health information management functions utilizing medical record technologies in a classroom simulation and/or under the direct supervision of facility personnel in local health care facilities.

Health & Physical Education

HPE 207 Stress Management

Students learn the basis for various components of stress and how to recognize and cope appropriately with physical, occupational, social, school, and environmental stressors. The course emphasizes achieving lifestyle balance and shows students how to develop and practice physiologic relaxation techniques and stress reduction methods.

HPE 225 Nutrition

A study of food and nutrition, including how they relate to health and disease. Students are exposed to basic nutrition including nutrient needs, how nutrients function in the body, energy balance, and diet planning for various medical conditions. Provides an in-depth look at current topics and the American diet.

HPE 295 Health & Fitness for Life

Explores the role of wellness, physical fitness, stress, nutrition, and cardiovascular health in promoting an individual's health and well-being. Fitness testing and fitness lab are included.

History

HST 102 Western Civilization II: 1000 to 1800

Studies early Modern Europe including Renaissance, Reformation, Scientific Revolution, and the French Revolution. HST 101, 102, and 103 may be taken out of sequence. Recommended: WRI 121 placement.

HST 201 United States History I

Surveys North American history from the Age of Exploration through the Civil War. Studies include political, social, and economic trends and events. Recommended: Placement scores at WRI 121.

HST 201M United States History I

Surveys North American history from the Age of Exploration through the Civil War. Studies include political, social, and economic trends and events. Recommended: Placement scores at WRI 121.

Medical Assisting

MDA 101 Medical Terminology I

Covers medical terminology prefixes, suffixes, word roots, and abbreviations by body system.

MDA 102 Medical Terminology II

Covers medical terminology prefixes, suffixes, word roots, and abbreviations by body system. Prerequisite: MDA 101 with a grade of "C" or better.

MDA 128 Anatomy & Physiology for Health Science Professional I

Provides the conceptual framework, factual knowledge, and analytical skills needed to pursue a career in Allied Health. Students will examine anatomical terminology, basic chemistry, cell structure and functions, tissues, glands, and membranes; disease and disease producing organisms; integumentary system; skeletal system; muscular systems; nervous system; including the spinal cords, spinal nerves, the brain, and the cranial nerves; and the sensory system. Note: This course will not transfer as a science course. Recommended: MDA 101.

Winter Courses A - Z

MDA 129 Anatomy & Physiology for Health Science Professional II

Provides the conceptual framework, factual knowledge, and analytical skills needed to pursue a career in Allied Health. Students will examine the endocrine system; blood: the heart and heart disease; including blood vessels and circulation; lymphatic system and tissue; respiratory system; digestive system; metabolism, nutrition and body temperature; body fluids; urinary system; male and female reproductive system; development and birth; and heredity and heredity disease. Note: This course will not transfer as a science course. Recommended: MDA 102. Prerequisite: MDA 128.

Manufacturing Engineering Tech.

MET 102 Basic Engineering Materials

Introduces materials and metallurgy to include structure, selection, and use. Survey of materials used in industry and their physical and chemical attributes as they relate to properties, corrosion, and engineering applications. Major consideration given to metal alloys. Introduction to polymers, ceramics, and composites included. Recommended: WLD 101.

MET 241 CAD for Mechanical Design I

Instruction and practice of AutoCAD (mechanical) software in 2D environment. Utilize 2D software practice to develop into an apprentice level wireframe computer aided design (CAD) technician. Corequisite: MET 241L.

MET 241L CAD for Mechanical Design I Lab

Laboratory activities related to MET 241. Corequisite: MET 241.

MET 242 CAD for Mechanical Design II

Instruction and practice of AutoCAD (mechanical) software in 3D environment. Utilize 3D software, practice to develop into an apprentice level computer aided design (CAD) technician. Corequisite: MET242L. Prerequisite: MET 241.

MET 242L CAD for Mechanical Design II Lab

Laboratory activities related to MET 242. Corequisite: MET 242.

Manufacturing

MFG 120 Manufacturing Process I

An introductory course in metal removal processes emphasizing drilling, milling, and lathe processes. Includes tool-bit grinding. Emphasis on production speeds and feeds. All lab practice will be on conventional machines. Corequisite: MFG 120L.

MFG 120L Manufacturing Process I Lab

Laboratory activities related to MFG 120. Corequisite: MFG 120.

MFG 121 Manufacturing Process II - CNC

An introductory course in metal removal processes emphasizing drilling, milling, and lathe processes. Will include tool grinding. Emphasis on computer numerically controlled (CNC) concept and machining. Prerequisite: MFG 120. Corequisite: MFG 121L.

MFG 121L Manufacturing Process II - CNC Lab

Laboratory activities related to MFG 121. Corequisite: MFG 121.

MFG 280 Cooperative Work Experience

On-the-job (paid or volunteer) experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program. Cooperative work experience is offered for variable credit based on the student's objectives. Instructor permission is required.

Multimedia & Design

MMT 241 Graphic Design for the Web

This intermediate-level digital design course enables students to create web-based graphic and media solutions. Primary software programs include Adobe CS6 Illustrator (for illustrating) and Photoshop (for graphics production and image editing). Students build upon and apply previously learned skills that are specific for business marketing and digital communications and create digital art assets such as logos, buttons, headers, splash screens, infographics and various design and editing techniques for vector graphics, bitmap images, and photos. Both programs are used to integrate Photoshop and Illustrator files for web applications. Prerequisites: MMT 239 and MMT 240. Corequisite: MMT 241L.

MMT 241L Graphic Design for the Web Lab

Laboratory activities relating to MMT 241. Corequisite: MMT 241.

MMT 261 Advanced Video Editing

Continues video production at an intermediate level and includes creation in multiple genres of short-form videos. While applying storytelling and narrative techniques, students create and produce one-on-one interviews, on-the-street interviews, product demos, how-to videos, YouTube videos, web cam videos, and creative storytelling videos. Production equipment used includes digital cameras, lighting, microphones, backdrops, and apply multiple editing techniques. Prerequisites: MMT 260. Corequisite: MMT 261L.

MMT 261L Advanced Video Editing Lab

Laboratory activities relating to MMT 261. Corequisite: MMT 261.

Mathematics

MTH 010 Basic Math

Whole number and integer arithmetic. Develops skills with mathematical operations using whole numbers, integers, fractions, and decimals. Recommended: If available, students enrolling in this class are strongly encouraged to co-enroll in a section of CGS 010.

MTH 020 Pre-algebra

This course will cover ratios, rates, proportion, percent, measurement, and introduces the concepts of basic statistics, charts, and graphs. In addition the basic concepts of elementary algebra will be covered. Scientific calculator with fraction capabilities required. Prerequisite: MTH 010 or placement into MTH 020.

MTH 052 Math Review for Higher Placement

Students will use computer software to cover material from MTH 010 to MTH 095. This class will meet three hours per week in a computer lab. Class attendance is mandatory. Goals and pace will be set for the individual student by the instructor. Successful completion requires the student to place at least one level higher in the developmental math sequence. Recommended: Recent placement into MTH 010, MTH 020, or MTH 070 with remaining access to MyMathTest placement test.

MTH 070 Elementary Algebra

The following topics are covered: Fundamental properties of algebra, solutions of linear and quadratic equations, order of operations, rules of exponents, arithmetic operations of polynomials, factoring of polynomials, the two-coordinate graphing plane, point plotting, graphing of linear equations, and basic geometric and statistical formulas and problem solving. Concepts will be introduced numerically, graphically, and symbolically. Results will be communicated in oral and written form. Scientific calculator with fraction capabilities required. Prerequisite: MTH 020 with a grade of "C" or better or placement into MTH 070.

MTH 085 Applied Math for Technician

An applied math class for Automotive and Diesel Technology covering the following topics: Whole number and integer arithmetic, ratios and proportions, percents, measurement, informal geometry, solving linear equations in one variable, application of formulas, and problem solving. Results will be communicated in oral and written form. Scientific calculator with fraction capabilities required. Prerequisite: Acceptance into either the Automotive Technology or Diesel Technology program. Prerequisite: MTH 010 with a grade of "C" or better or placement into MTH 020

MTH 095 Intermediate Algebra

The following topics are covered: Fundamentals of algebra, factoring of polynomials, solving quadratics using various techniques, simplifying of rational expressions, solving rational equations, simplifying of radical expressions, solving radical equations, definition of functions, evaluation of functions, and graphing of quadratics. Word problems will be included throughout the course. Concepts will be introduced numerically, graphically, and symbolically. Results will be communicated in oral and written form. Scientific calculator with fraction capabilities required. Prerequisite: MTH 060 and MTH 065 with a grade of "C" or better or MTH 070 with a grade of "C" or better or placement into MTH 095.

MTH 105 Math in Society

Math in Society is a rigorous mathematics course designed for students in Liberal Arts and Humanities majors. The course provides a solid foundation in quantitative reasoning, symbolic reasoning, and problem solving techniques needed to be a productive, contributing citizen in the 21st century. Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121.

MTH 105M Math in Society

Math in Society is a rigorous mathematics course designed for students in Liberal Arts and Humanities majors. The course provides a solid foundation in quantitative reasoning, symbolic reasoning, and problem solving techniques needed to be a productive, contributing citizen in the 21st century. Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121.

MTH 111 College Algebra

The algebraic operations dealing with linear, quadratic, and polynomial equations and functions. Introduces graphs of functions, linear, quadratic, polynomial, rational, exponential, and logarithmic, and develops the concepts of exponential and logarithmic functions. Develops skills in systems of equations. Concepts will be introduced numerically, graphically, and symbolically. Results will be communicated in oral and written form. Prerequisite: MTH 095 with a grade of "C" or better or placement into MTH 111.

MTH 112 Elementary Functions

The trigonometric ratios and their applications with special emphasis on identities, trigonometric equations, vectors, and complex numbers. Prerequisite: MTH 111 with a grade of "C" or better.

MTH 212 Foundations of Elementary Math II

This course is for prospective K-8 teachers. Emphasizes proportions and algorithms of rational numbers (fractions, decimals, percent), integers, the sets of irrational and real numbers, and simple probability and statistics. Prerequisite: MTH 095 with a grade of "C" or better or MTH 111 with a grade of "C" or better or placement into MTH 111.

MTH 212 Foundations of Elementary Math II

This course is for prospective K-8 teachers. Emphasizes proportions and algorithms of rational numbers (fractions, decimals, percent), integers, the sets of irrational and real numbers, and simple probability and statistics. Prerequisite: MTH 095 with a grade of "C" or better or MTH 111 with a grade of "C" or better or placement into MTH 111.

MTH 243 Statistics I

Covers concepts of elementary probability, frequency distributions and their graphs, probability distributions, descriptive statistics, confidence interval estimation, and interpretation of statistical results. Prerequisite: MTH 095 with a grade of "C" or better or MTH 105 with a grade of "C" or better or MTH 111 with a grade of "C" or better or placement into MTH 111.

MTH 251 Calculus I

Computation techniques for calculating the limit of a function. Computational techniques for calculating and applications of the derivative of a function. Prerequisite: MTH 112 with a grade of "C" or better.



**Worried about paying
for materials for your
math course?**

All Winter Term 2023 math courses except MTH 212, MTH 251, and MTH 252 materials are no cost to students. Learn more at bookstore.klamathcc.edu

Winter Courses A - Z

MTH 252 **Calculus II**

Computational techniques for and applications of definite and indefinite integrals. Prerequisite: MTH 251 with a grade of "C" or better.

Music

MUS 206 **History of Rock Music**

Examines rock music's roots and development, its innovators and significant events through a cultural, as well as musical, perspective. Prerequisite: WRI 121.

MUS 206M **History of Rock Music**

Examines rock music's roots and development, its innovators and significant events through a cultural, as well as musical, perspective. Prerequisite: WRI 121.

MUS 265 **Music for Teachers**

Explores a variety of musical resources and activities appropriate for use in the classroom. This course will emphasize developing skills in understanding, presenting, and interpreting music while developing an awareness of the "how to" and "why" of teaching music to children.

Nursing

NSG 111 **Health & Illness Concepts I (didactic)**

This course introduces the nursing student to the concepts of health and illness across the lifespan: peri-operative, infection, fluid and electrolytes, acid/base balance, oxygenation, perfusion, elimination, metabolism, sensory/perception, mobility, cellular regulation, and cognition. Principles of evidence-based nursing practice will include the identification of clinical practice problems, the evaluation of available evidence, and the integration of evidence with clinical expertise and patient preferences. Corequisite: NSG 111C.

NSG 111C **Health & Illness Concepts I (application)**

The focus of this course is to provide safe, evidence-based nursing care for patients with stable or non-complex acute conditions or post-operative conditions with an emphasis on health promotion and disease prevention across the lifespan and in a variety of settings. Additional caring interventions will be introduced in the laboratory and clinical settings. Corequisite: NSG 111.

NSG 211 **Health & Illness Concepts IV (didactic)**

The focus of this course is a continuation of the nursing care and management of patients with critical, or acute and complex healthcare needs that affect individuals across the lifespan. The course applies prior nursing concepts with a focus on critical and rapidly changing client conditions, collaborating with the interdisciplinary team, and incorporating aspects of supervision. Prerequisite: NSG 210 and NSG 210C. Corequisite: NSG 211C.

NSG 211C **Health & Illness Concepts IV (application)**

The focus of this course is to actively collaborate with the interdisciplinary team to provide safe, evidence-based nursing care to two or more patients with acute, complex conditions, while incorporating appropriate assignment of tasks to unlicensed assistive personnel. Corequisite: NSG 211.

Physical Education

PED 182C **Beginning Fitness & Walking**

Beginning level, self-paced walking programs and a variety of conditioning exercises for specific body areas. Provides instruction for integrating walking into a lifetime fitness program.

PED 186E **Ballroom Dance II**

Continues the development of skills in ballroom dance at an intermediate level as well as enriching the depth of the dance technique and complexity of choreography. Focus placed on appropriate partnering in order to lead or follow, rhythm, style, and phrasing. Dances may include waltz, foxtrot, tango, quickstep, rumba, cha-cha, swing, samba, jive, and nightclub two step. Prerequisite: PED 186D.

Philosophy

PHL 103 **Critical Thinking**

Focuses on improving critical thinking, reasoning, assessment, and argumentation abilities in the personal, professional, and academic arenas. Emphasizes practical methods for developing arguments--rhetorical methods and tools of persuasion--as well as evaluating the validity of existing arguments, editorials, propaganda, and advertisements. Prerequisite: WRI 095 or WRI 121 or placement into WRI 121.

PHL 204 **Philosophy of Religion**

Explores various philosophical perspectives on religion and issues traditionally taken up by religion, including the existence and attributes of God, faith, reason and mysticism, religion and science, religion and morality, religious language, and life after death. Prerequisite: WRI 121.

PHL 204M **Philosophy of Religion**

Explores various philosophical perspectives on religion and issues traditionally taken up by religion, including the existence and attributes of God, faith, reason and mysticism, religion and science, religion and morality, religious language, and life after death. Prerequisite: WRI 121.

PHL 209 **Business Ethics**

Designed primarily for students of business and related fields, this course examines the ethical issues that arise in several aspects of business. Historical and contemporary ethical theories are used to examine business practices in management, the use of computers, marketing, accounting, and international industry and commerce. May also address social and environmental impacts as corporate versus individual responsibilities. Prerequisite: WRI 121.

Physics

PHY 102 **Fundamentals of Physics II**

Laboratory science course designed for non-science majors. Second term of a three-term series. A conceptual study of physics. Topics include properties of matter, heat, and thermodynamics. Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 111 or placement into MTH 070 or MTH 095 or MTH 111 and WRI 095 or WRI 121 or placement into WRI 121. Corequisite: PHY 102L.

PHY 102L Fundamentals of Physics II Lab
Laboratory activities relating to PHY 102. Corequisite: PHY 102.

Psychology

PSY 101 Psychology & Human Relations
Focuses on practical and personal applications of psychological principles. Encourages applications of psychological principles to daily living and to human interactions such as work, leisure, school, and relationships.
This course is designed for students who are not majoring in psychology. This course transfers as a general elective.

PSY 201 General Psychology I
Introduction to the general principles of psychology. Topics include history, research methods, brain and behavior, genes and environment, human development, and sensing and perception. Note -- the introduction to psychology series does not have to be taken in order. PSY 201A is the recommended first class in the series. Prerequisite: WRI 121.

PSY 201A General Psychology I
Introduction to the general principles of psychology. Topics include history, research methods, brain and behavior, genes and environment, human development, and sensing and perception. Note -- the introduction to psychology series does not have to be taken in order. PSY 201A is the recommended first class in the series. Prerequisite: WRI 121.

PSY 202 General Psychology II
Introduction to the general principles of psychology. Topics include varieties of consciousness, learning, memory, thinking, language and intelligence, and motivation. Note -- the introduction to psychology series does not have to be taken in order. Recommended: PSY 201A. Prerequisite: WRI 121.

PSY 202A General Psychology II
Introduction to the general principles of psychology. Topics include varieties of consciousness, learning, memory, thinking, language and intelligence, and motivation. Note -- the introduction to psychology series does not have to be taken in order. Recommended: PSY 201A. Prerequisite: WRI 121.

PSY 202M General Psychology II
Introduction to the general principles of psychology. Topics include memory, thinking, language and intelligence, motivation, personality, emotion and health, psychological disorders and treatment, and social psychology. Prerequisite: WRI 121.

PSY 226 Abnormal Psychology II
Overview of legal and ethical issues related to abnormal psychology. Specific disorders covered include dissociative, substance use, schizophrenia, childhood and adolescent. Suicide is examined as a topic specific to abnormal psychology. Various treatment modalities are also reviewed. Prerequisite: PSY 225.

PSY 235 Human Growth & Development I
A biosocial study of human development from conception to adolescence. Discusses the biological and social processes, i.e., cognition, personality, emotion, and social, affecting the developing child. Applications to health care, family, and education are discussed. Recommended: Previous coursework in psychology.

PSY 236 Human Growth & Development II
A psychological study of the continuing development of the human being from adolescence through old age and death. Discussion focuses on the social and healthcare issues of adulthood. Applications to healthcare, family, and social policy. Prerequisite: PSY 235.

Spanish

SPA 101 First Year Spanish I
First in a three-course series designed to develop basic communication skills in oral and written Spanish. Introduces learners to the rich culture of the Spanish-speaking world, including listening, speaking, reading, writing, pronunciation, structure, vocabulary, and culture.
NOTE: This course is a stand-alone course. It does not align with the Spanish series.

SPA 101M First Year Spanish I
First in a three-course series designed to develop basic communication skills in oral and written Spanish. Introduces learners to the rich culture of the Spanish-speaking world, including listening, speaking, reading, writing, pronunciation, structure, vocabulary, and culture.
NOTE: This course is a stand-alone course. It does not align with the Spanish series.

SPA 102 First Year Spanish II
Second in a three-course series designed to develop basic communication skills in oral and written Spanish. Introduces learners to the rich culture of the Spanish-speaking world, including listening, speaking, reading, writing, pronunciation, structure, vocabulary, and culture. Prerequisite: SPA 101.

Speech Communication

SPE 111 Fundamentals of Speech
Prepare and present original speeches with emphasis on organization and outlining. Present informative, persuasive, and other types of speeches. Prerequisite: WRI 121.

SPE 111M Fundamentals of Speech
Prepare and present original speeches with emphasis on organization and outlining. Present informative, persuasive, and other types of speeches. Prerequisite: WRI 121.

Technical Extension

TEX 280 Coop Wk Exp: Seminar
Introduces students to the selection processes and procedures necessary to gain successful employment. Topics covered include: Job search techniques, networking, resumes, cover letters, thank-you letters, and interview techniques. Recommended: To be taken near completion of degree or certificate. Prerequisites: CAS 133 and WRI 121.

Welding

WLD 101 Welding Processes & Applications
Introduction to Welding covers flat and horizontal positions with oxygen-acetylene welding OAW, stick SMAW, Mig GMAW on mild steel, Tig GTAW on aluminum, safety, setting up and shutdown.

Winter Courses A - Z

WLD 114 Shielded Metal Arc Weld: Mild Steel I

Develops knowledge and manipulative skills in the use of E7018 mild steel electrodes when performing various welds in the flat, horizontal, and vertical positions. Prerequisite: WLD 101.

WLD 115 Shielded Metal Arc Weld: Mild Steel II

Develop intermediate and advanced skills in shielded metal arc welding for success in the metal fabrication industry. Includes preparation of joints for proper setup and design using 1/4 inch and thicker mild steel. Prerequisite: WLD 114.

WLD 131 Gas Metal Arc Welding/Flux Cored Arc Welding

Develops knowledge and manipulative skills welding with solid wire on ferrous and non-ferrous materials using short arc in all four positions and spray arc in the flat and horizontal positions. Develops knowledge and manipulative skills welding with Flux-Cored Arc Welding on mild steel in all positions. Prerequisite: WLD 101.

WLD 221 Gas Tungsten Arc Weld: Stainless Steel/Alum

Develops knowledge and manipulative skills while welding common joints in all positions on stainless steel and aluminum with the G.T.A.W. process. Prerequisite: WLD 101.

WLD 253 Welding Cert Practice 3/8 or 1 Inch Mild Steel

Practice for the American Welding Society Mild Steel Welding Certification tests using mild steel electrodes in the horizontal, vertical, and overhead positions. Prerequisite: WLD 114.

WLD 254 GMAW/FCAW Certification Practice

Practice for the American Welding Society Structural Qualification tests using GMAW/FCAW mild steel electrodes in the horizontal, vertical, and overhead positions. Prerequisites: WLD 114 and WLD 131.

WLD 255 GTAW Certification Practice

Practice for American Welding Society Qualification tests using the gas tungsten arc welding process on aluminum and stainless steel in the horizontal, vertical, and overhead positions. Prerequisites: WLD 101 and WLD 221.

WLD 280 Coop Wk Exp: Welding

On-the-job, paid or volunteer, experiences which allow for the application and development of knowledge, skills, and attitudes learned through the on-campus program. Cooperative work experience is offered for variable credit based on the student's objectives. Prerequisite: Instructor permission is required.

Writing

WRI 090 Writing Fundamentals

Develops proficiency in introductory writing skills at sentence, paragraph, and short composition level. Reinforces grammar and sentence-level editing skills in the context of paragraphs and short essays. Covers critical reading, information literacy, and research skills, including APA documentation style. Corequisite: WRI 090L.

WRI 090L Writing Fundamentals Lab

Laboratory activities relating to WRI 090. Corequisite: WRI 090.

WRI 095 Intro to Expository Writing

Introduces college-level skills in writing paragraphs, essays, and reading critically. Students learn to revise for clarity, structural integrity, and correct grammar. Prerequisite: WRI 090 with a grade of "C" or better or placement into WRI 095.

WRI 095 Intro to Expository Writing

Introduces college-level skills in writing paragraphs, essays, and reading critically. Students learn to revise for clarity, structural integrity, and correct grammar. Prerequisite: WRI 090 with a grade of "C" or better or placement into WRI 095.

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Funding is now available for
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- Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians
- Confederated Tribes of Grand Ronde
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- Confederated Tribes of the Umatilla Indian Reservation
- Confederated Tribes of Warm Springs
- Coquille Indian Tribe
- Cow Creek Band of Umpqua Tribe of Indians
- Klamath Tribes

Apply at:

<https://app.oregonstudentaid.gov/>

Winter Courses A - Z

WRI 100 Co-Requisite Writing

This course provides the support necessary for students to succeed in writing-intensive classes. It is mandatory for students who place in WRI 90 to enroll in WRI 95 and students who place in WRI 95 to enroll in WRI 121. The course is also an elective for students who need additional support to be successful in other courses, such as WRI 122, WRI 227, and discipline-specific courses.

WRI 114 Intro to Electronic Research

Introduction to college-level electronic research, developing search strategies, selecting and evaluating appropriate sources, documentation and citation, and a thorough understanding of the economic, legal, ethical, and social issues surrounding electronic information retrieval. Recommended: WRI 095.

WRI 121 English Composition I

Develops skills in expository writing with appropriate documentation, analytical reading, and critical thinking. Students compose several essays using a variety of strategies to present evidence in support of a thesis. Prerequisite: WRI 095 with a grade of "C" or better or placement into WRI 121.

WRI 121 English Composition I

Develop skills in academic writing with appropriate documentation, analytical reading, and critical thinking. Students compose several essays using a variety of strategies to present evidence in support of a thesis. Prerequisite: WRI 095 with a grade of "C" or better or placement into WRI 121.

WRI 121M English Composition I

Develops skills in expository writing with appropriate documentation, analytical reading, and critical thinking. Students compose several essays using a variety of strategies to present evidence in support of a thesis. Prerequisite: WRI 095 with a grade of "C" or better or placement into WRI 121.

WRI 122 English Composition II

Focuses on argument as a means of inquiry, clear and appropriate writing style, and critical reading. Explores ideas and issues through discussion and writing. Students compose analytical and argumentative essays with appropriate documentation. Prerequisite: WRI 121 with a grade of "C" or better.

WRI 122M English Composition II

Focuses on argument as a means of inquiry, clear and appropriate writing style, and critical reading. Explores ideas and issues through discussion and writing. Students compose analytical and argumentative essays with appropriate documentation. Prerequisite: WRI 121 with a grade of "C" or better.

WRI 227 Technical Communication

Introduces technical and professional communications. Emphasizes precise use of language and graphics to communicate complex technical and procedural information safely, legally, and ethically. Prerequisite: WRI 121 with a grade of "B" or better or WRI 122 with a grade of "C" or better.



Help to find your path.

Whether you want to transfer to a four-year university with an associate degree, skill-up with workforce trainings, or take a community education course, our advisors will work one-on-one with you to figure out how to make it happen.

Flexible classes for how you learn.

Klamath Community College offers online, face-to-face, and HyFlex (a mixture of online and face-to-face) classes, so you have options for how you take your classes.

Support to learn with confidence.

Your success is important, so KCC offers several types of supports. Academic, wellness, and basic needs supports are available for members of the KCC community.

**WHATEVER YOUR JOURNEY,
KCC HAS A PROGRAM FOR YOU!**



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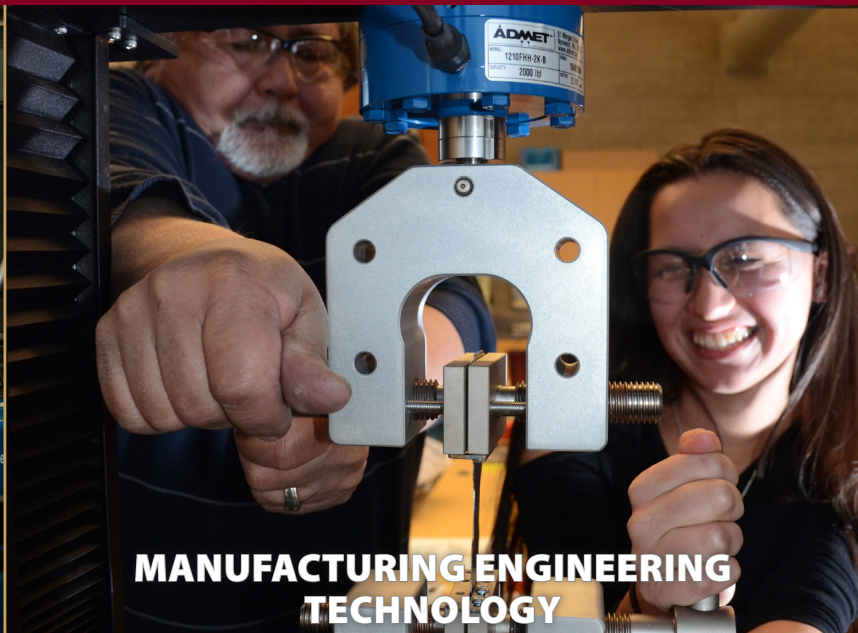
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WELDING



**MANUFACTURING ENGINEERING
TECHNOLOGY**



DIESEL TECHNOLOGY



AUTOMOTIVE TECHNOLOGY





The Campus Safety staff is committed to promoting a safe and secure campus and protecting our college community. All members of the college can assist in making Klamath Community College a safe environment. We need your eyes and ears open to help keep our campus safe. Please report any suspicious activity to Campus Safety.

CONTACT INFORMATION

Emergency call 911.

Campus Safety can be contacted at 541-880-2314.

You can contact Campus Safety via email at safety@klamathcc.edu.

CRIME PREVENTION TIPS

- Always lock your car.
- Park in a lighted area at night.
- Try to travel in groups.
- Be aware of blue-light emergency phones.
- Walk with your keys in hand.
- Look in your backseat before entering your car.
- When possible, walk in a group.
- Carry your purse or backpack close to your body.
- Never accept a ride from a stranger.
- Let friends and/or family know of your schedule.
- In case of an emergency, CALL 911!

Klamath Community College Non-Discrimination and Equal Opportunity Policy

Klamath Community College is an equal opportunity educator and employer. It shall be the policy of the Klamath Community College District to affirm the rights of all individuals to equal education, activities, facilities, and employment without regard to age, sex, disability, national origin, race, color, marital status, religion, or sexual orientation in accordance with federal and state laws. Klamath Community College complies with Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973, and Title II of the Americans with Disabilities Act of 1990, and any amendments thereto.

Inquiries or grievances concerning the application of these laws and regulations to the College may be directed to the Klamath Community College's Executive Director of Human Resources and General Counsel at 7390 South 6th St., Klamath Falls, OR 97603 or at 541-882-3521; or to the Office of Civil Rights, U.S. Department of Education, 915 Second Ave. Room 3310, Seattle, WA 98174-1099

Campus Map

Find Your Way Around Campus

BLDG. 1 & 2
Classrooms

BLDG. 3
Classrooms, Faculty Offices, Human Resources,
Adjunct Offices, Testing Center

BLDG. 4
Student Commons, Classrooms, Student Life
Center, KCC Wellness Center, Career Services
Center, Aviation

BLDG. M - Maintenance

BLDG. 5 - Career Technical Center
Automotive and Diesel Labs, Classrooms, Offices

BLDG. 6 - Health Sciences Building
Classrooms, Science Labs, Faculty Offices, Student
Study Areas, Technology Help Desk, Health Labs,
Computer Labs

BLDG. 7 - KCC Conference Center

BLDG. 8 - Work Skills Technology Center
Klamath Center for Education and Training
(K-CET), High School Equivalency Program
(HEP), Workforce Development and Community
Education, Faculty Offices, Classrooms

BLDG. 9 - Founders Hall
Student Services, Veterans Services, Financial Aid,
Cashier, Tutoring Center, TRiO, Bookstore,
Learning Resource Center, President, Boardroom

SEE YOUR ADVISOR!

SUCCESS AT KCC MEANS MEETING
WITH YOUR ADVISOR OR A STUDENT
SUCCESS ADVISOR EVERY TERM.
REGULAR ADVISING WILL KEEP YOU
ON TRACK AND LEAD TO GREATER
ACADEMIC SUCCESS.

- FIND YOUR ADVISOR ONLINE AT WWW.KLAMATHCC.EDU/ADVISORS.
- MEET YOUR ADVISOR IN PERSON DURING OFFICE HOURS OR BY SCHEDULING AN APPOINTMENT.
- SEE YOUR ADVISOR FROM THE COMFORT OF YOUR COUCH BY CALLING, TEXTING, OR USING ZOOM.

TAKE A HIKE ... ON CAMPUS
NEED TO STRETCH YOUR LEGS BETWEEN CLASSES?
ADD A FEW MORE STEPS TO YOUR DAILY TOTAL?
KCC HAS THREE CAMPUS TRAILS
EVERYONE CAN USE.



Start ★

Sign ●

Half Mile ➡

1 Mile ➡

2 Mile ➡

