

COSMETOLOGY IS HERE!

Learn more about the college's
exciting new program.





A CUT ABOVE THE REST

Starting Winter Term 2023, Klamath Community College (KCC) began offering a cosmetology program. The program contains a full two-year associate degree, one-year certificates in barbering, esthetics and nail technology, and hair design, and less-than-one-year pathway certificates in esthetics and nail technology. Graduates of Cosmetology will leave the program prepared to take the state board examination to become a licensed cosmetologist.

Students in the Cosmetology program split their time between in-classroom learning and real-world training in the student-operated salon. In addition to cosmetology courses, students also take academic courses designed to enhance personal development and prepare students for running their own salon or related business.

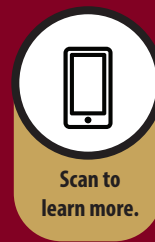
Community members are encouraged to visit the student-operated salon to partake in discounted services. Using the full-service salon helps our students gain the necessary hours for their license, while providing you with an excellent salon experience for a great price. Services include hair, skin, and nail services.

To learn more about the KCC Cosmetology program or view a list of services and their associated costs, visit www.klamathcc.edu/cosmetology.

To learn more or view services and prices visit:

www.klamathcc.edu/cosmetology

Call 541-882-6644 to make a salon appointment.





Welcome! ¡Bienvenidos!

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Campus Map

Use these tools to connect with a Student Success Advisor!

New to
KCC?

Apply TODAY in
Founders Hall
(Bldg. 9)

Skip the
LINE!

Make an Enrollment
Appointment NOW!



Download the
QLess App



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



Website:
www.klamathcc.edu/qless



Use the Kiosk in
Founders Hall

Administration & Registration

KCC Administration



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

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: Vacant
Student Board Member
(non-voting)
Carissa Catterall
ASKCC President

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/>.

2

Step 2 - Complete KCC admission form

Available on line at www.klamathcc.edu/admissions or in-person inside Founders Hall.

3

Step 3 - Meet with Student Services

Meet with Student Services in Founders Hall to determine if you need a placement test and to register for classes.

4

Step 4 - Purchase textbooks

Textbooks may be purchased at the KCC Bookstore and at bookstore.klamathcc.edu. If financial aid is complete, students can charge books at the bookstore.

Current students start here.

1

Step 1 - Meet with your academic advisor.

2

Step 2 - Register for classes

Save time by registering online with mykcc.klamathcc.edu. Register in-person at Founders Hall.

3

Step 3 - File a FAFSA On the Web

Students must file a FAFSA every Oct. if they wish to receive financial aid. File at <https://studentaid.gov/>. If a FAFSA was already filed, students 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 at bookstore.klamathcc.edu. If financial aid is complete, students can charge books at the bookstore

DID YOU NOTICE THE SCHEDULE LOOKS A LITTLE DIFFERENT?

CLASSES SOMETIMES CHANGE, GET ADDED, OR ARE REMOVED. WE WANT YOU TO HAVE THE BEST INFORMATION, SO COURSES ARE NOW LISTED ONLINE. THIS ALLOWS YOU TO VIEW THE MOST UP-TO-DATE COURSE LISTINGS. TO FIND THE FULL COURSE SCHEDULE, WITH DATES AND TIMES LISTED, PLEASE VISIT

CLASSES.KLAMATHCC.EDU.



Scan below
to learn
more.



The Salon is OPEN!

Make your appointment for
our student-operated salon
today.

541-882-6644

Calendar, Tuition & Degrees

Important Dates

Spring 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.

April 3	Classes Begin
April 7	Last Day to Drop or Add Course (instructor permission required to add day one of class)
April 7	Last Day to Request a Refund
May 26	Last Day to Withdraw with a 'W'
May 29	No School - Memorial Day
June 12-16	Final Exams
June 16	Last Day of Term

Spring Term Tuition and Funding

TUITION & FEES

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

SCHOLARSHIPS

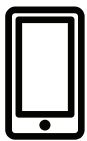
General scholarship information can be found at www.klamathcc.edu/scholarships

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 541-882-3521 for assistance.

KCC Degree Programs

Accounting
Agriculture Science
Associate of Arts Transfer (AAT)
Associate of Arts, Oregon Transfer (AAOT)
Associate of General Studies (AGS)
Associate of Science (AS)
Associate of Science Transfer (AST)
Automotive Technology
Aviation
Business Administration
Business Technology
Computer Engineering Technology
Cosmetology
Criminal Justice
Cybersecurity and Networking
Diesel Technology
Digital Media Design
Education
Emergency Response Operations
Health Services
Laboratory Technician
Manufacturing Engineering Technology
Nursing
Welding

Student Resources

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.

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 workshops.

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.

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! 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.

Contact the SPS & JOBS Coordinator at 541-850-2381 or ruizm@klamathcc.edu

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

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. The Testing Center is located in Building 3.

Refer to the KCC website for hours. For more information call 541-880-2206

TRiO Student Support Services

TRiO is a federally-funded TRiO program designed to assist students who are first-generation college students, considered low-income, or are experiencing disabilities with achieving their career, educational, and personal goals. We power the potential of our TRiO students by comprehensively assessing academic and financial needs and developing individualized plans for college success.

TRiO students are eligible to receive additional academic, career, and financial aid/scholarship advising, tutoring and study group support, community-building and cultural event activities, college visits and transfer assistance.

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

Tutoring Services

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.

Student Life

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 in Building 4 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, resumé 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 Student Life Coordinator, at studentlife@klamathcc.edu or 541-880-2321.

Spring Courses A - Z

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 152 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 292 Lube 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 a lube technician 1. Prerequisite: AMT 291 with a grade of 'C' or better.

AMT 295 Entry Level Technician 2

Students will perform career readiness education through practice of live work-based skills. This course will focus on performance, applied skills, analysis and evaluation procedures of an entry level technician 2. Prerequisite: AMT 294 with a grade of 'C' or better.

Animal Science

ANS 220 Intro to Horse Science

Introduction to horses, their history, breeds, form and function, performance evaluation, current industry status, and general management.

Agriculture & Resource Economics

ARE 221 Marketing in Agriculture

Organization and functions of domestic and international markets; market channels for various agricultural commodities; role of agribusiness, cooperatives, and government in marketing decisions. Prerequisite: ARE 250.

Art

ART 131 Intro to Drawing

A studio experience exploring basic drawing techniques, materials, and concepts while addressing historical and contemporary issues. A conceptual framework for critical analysis is presented along with basic art theory. College-level reading comprehension is recommended. You will be expected to purchase materials for this course based on a list provided by the instructor. Material costs will be approximately \$100 or less. May not be taken concurrently with ART 231.

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 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 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.

ART 281 Painting

A studio experience with supporting slides, lectures, and films. Explores different ways of seeing and painting to become more visually literate. Examines basic painting techniques and materials. Presents the conceptual framework for critical analysis, along with basic theories of art in 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 \$200.

Biology

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 103 **Biology III**

A laboratory science course designed for non-biology majors. Presents the evolutionary relationships among the five kingdoms and their major phyla. The last half of this term covers human systems. Corequisite: BIO 103L.

BIO 103L **Bio III Lab**

Laboratory activities relating to BIO 103. Corequisite: BIO 103.

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 213 **Prin of Biology 3 (Preprofessional)**

Third 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 form and function of plants, major invertebrate phyla, and general vertebrate morphology and physiology. Corequisite: BIO 213L.

BIO 213L **Prin of Bio 3 Lab**

Laboratory activities relating to BIO 213. Corequisite: BIO 213.

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 233 **Anatomy & Physiology III**

Third term of a three-term sequence. Courses may not be taken out of sequence. Covers digestive, respiratory, urinary, and reproductive systems, fluid and electrolyte balance, metabolism, embryology, and genetics. Laboratory experiences will be used to elaborate on concepts presented in lecture. Prerequisite: BIO 232. Corequisite: BIO 233L.

BIO 233L **Anat & Phys III Lab**

Laboratory activities relating to BIO 233. Corequisite: BIO 233.

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.

BIO 270 **Ecosystems**

An overview of ecological principles and types of ecosystems, energy dynamics, resource flow, chemical and biological cycles, population dynamics, and human ecology. Descriptive modeling of environmental systems and resource analysis. Prerequisites: BIO 212 or ENV 170 and MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121. Corequisite: BIO 270L.

BIO 270L **Ecosystems Lab**

Lab activities relating to BIO 270. Corequisite: BIO 270.

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 177 **Payroll Accounting**

Provides the fundamental skills needed to prepare a business payroll. Introduces payroll and personnel record keeping, calculation of pay, payroll journalizing, regulations covering Social Security, withholding, and unemployment. Prerequisites: BUS 111 or BUS 211 with a grade of "C" or better and CAS 170 with a grade of "C" or better.

BUS 178 **Customer Service Fundamentals**

This course focuses on the skills necessary to deliver exceptional customer service in a retail or service business or organization. Topics will include developing communication skills and an attitude of service, enhancing customer relationships, dealing with difficult customers, active listening and problem solving to address customer needs, and strategies to remain self-motivated in the service industry.

BUS 206 **Management Fundamentals**

A study of the basic management and organizational principles within business entities. Introduces the concepts of planning, organizing, leading, control, implementation of change, ethical behavior, and corporate culture. Provides opportunities for students to apply concepts to actual workplace scenarios and evaluate impact on global business activities.

BUS 206M **Management Fundamentals**

A study of the basic management and organizational principles within business entities. Introduces the concepts of planning, organizing, leading, control, implementation of change, ethical behavior, and corporate culture. Provides opportunities for students to apply concepts to actual workplace scenarios and evaluate impact on global business activities.

Spring Courses A - Z

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 223 Principles of Marketing

Study and analysis of the elements of marketing and marketing strategy, stressing product development, policies, pricing strategies, promotion, distribution, international markets, and consumer behavior. Emphasis on the elements of the marketing mix and target markets for consumer and industrial markets.

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 249 Retailing

Covers the selection of target markets and retail strategies, including store planning techniques used by retailers. Includes discussion of the changing retailing environment and the impact of government regulations.

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: 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: 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 122 Keyboarding for Speed & Accuracy

Students will refine keyboarding technique, increase speed, and improve accuracy through corrective practice. Recommended: Ability to touch type (defined as using the correct key reaches and not looking at keys while typing) at a minimum rate of 20 wpm.

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 247 Advanced Business Applications

This course emphasizes the practical application of office software to create professional business documents and presentations. Focus is on establishing a professional tone in the office environment through skilled use of communication with customers and professional clients. Techniques for dealing with office conflict and handling multiple priorities are also reinforced. Recommended: Successful completion of CAS 170 and CAS 216. Prerequisite: CAS 245. Corequisite: CAS 247L.

CAS 247L Advanced Business Applications Lab

Laboratory activities relating to CAS 247. Corequisite: CAS 247.

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 104L Gen Chem I Lab

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

CHE 106 General Chemistry III

Includes fundamental principles of organic chemistry, biochemical processes, and nuclear chemistry. Prerequisite: CHE 105. Corequisite: CHE 106L.

CHE 106L Gen Chem III Lab

Laboratory activities relating to CHE 106. Corequisite: CHE 106.

CHE 223 General Chemistry III (Preprofessional)

Includes chemical kinetics, ionic equilibria, nuclear chemistry thermodynamics, and descriptive chemistry. Prerequisite: CHE 222. Corequisite: CHE 223L.

CHE 223L Gen Chem III Lab

Laboratory activities relating to CHE 223. Corequisite: CHE 223.

Computer Information Systems

CIS 131 Computer Architecture

A continuation of CIS 130. Topics include main memory, cache, virtual memory, memory management, secondary storage, networks, operating system function, and pipelining. Prerequisite: CIS 130 with a grade of "C" or better.

CIS 136 Object Oriented Programming with C++

A study of object-oriented programming with C++. Beginning and intermediate concepts are covered including classes, objects, member functions, overloading, inheritance, polymorphism, templates, and virtual functions. This course prepares students with a strong C background for upper division coursework using C++. Prerequisites: CIS 126 with a grade of "C" or better. Corequisite: CIS 136L.

CIS 136L Object Oriented Programming with C++ Lab

Laboratory activities relating to CIS 136. Corequisite: CIS 136.

CIS 142 Introduction to Programming C#

An introduction to basic computer programming concepts in the C# programming language. Topics include algorithms, simple data types, conditional and iterative structures, functions and procedures, and code documentation. Corequisite: CIS 142L.

CIS 142L Introduction to Programming C# Lab

Laboratory activities relating to CIS 142. Corequisite: CIS 142.

CIS 181J CMS Website Creation

Introduces the creation of sophisticated, dynamic, interactive and fully functional websites using a content management system (CMS). Includes setting up a website in both a local and remote server environment, working with templates, creating efficient site navigation using menus, organizing a site using components and modules, enhancing a site with plugins and extensions, and creating user functionality with user logins. Prerequisite: CAS 133. Corequisite: CIS 181JL.

CIS 181JL CMS Website Creation Lab

Laboratory activities related to CIS 181J. Corequisite: CIS 181J.

CIS 196 Intern/Adv Web Development - HTML5

This course builds upon basic manual coding skills from CIS 195 and teaches how to develop web documents using new elements, attributes and selectors introduced in HTML5 (Hypertext Markup Language version 5) and CSS3 (Cascading Style Sheets version 3). Students learn to create web pages using the HTML5 structure elements, embed video and audio, and develop cross-browser user-input forms. Use CSS3 to position and format content, and to create effects such as transformations, transitions and animation. Students also learn basic JavaScript coding, and use HTML5 APIs (application programming interfaces) to extend the functionality of web pages with modern features such as geolocation, drag-and-drop, canvas and offline web applications. Corequisite: CIS 196L.

CIS 196L Intern/Adv Web Dev - HTML5 Lab

Laboratory activities relating to CIS 196. Corequisite: CIS 196.

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.

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CIS 206L Intro to Information Technology Lab

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

CIS 243 E-Commerce

This foundational course in electronic commerce covers topics such as online selling and marketing, Business-to-Business (B2B) and Business-to-Consumer (B2C) activities, applying social networks, legal and tax issues, web servers, security, and third-party payment systems.

CIS 275 Database I

Reviews Structured Query Language (SQL). Focuses on relational database design, transaction management, distributed database systems, and data warehousing. Typical databases used in e-commerce and database administration are also presented. Recommended: Successful completion of CAS 140. Corequisite: CIS 275L.

CIS 275L Database I Lab

Laboratory activities relating to CIS 275. Corequisite: CIS 275.

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.

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 284 Network Security Fundamentals

The course is an introduction to network security and overall security processes. Students will acquire working knowledge of network security principals and will design, implement and support security for networked devices & data. This course helps prepare students for taking CCNA Security Certification. Prerequisite: CIS 152 with a grade of "C" or better. Corequisite: CIS 284L.

CIS 284L Network Security Fundamentals Lab

Laboratory activities relating to CIS 284. Corequisite: CIS 284.

CIS 285 Cybersecurity Operations

The course focuses on how to monitor, detect and respond to cybersecurity threats. Students will study cryptography, host-based security analysis, security monitoring, computer forensics, attack methods and incident reporting and handling. This course helps prepare students for taking the CCNA Cyber Ops Certification. Prerequisites: CIS 146 and CIS 152 with a grade of "C" or better. Corequisite: CIS 285L.

CIS 285L Cybersecurity Operations Lab

Laboratory activities relating to CIS 285. Corequisite: CIS 285.

CIS 286 Ethical Hacking

Students will be taught the ethical use of various "white hat" cyber penetration testing tools and techniques consistent with ethical hacking training. Students will be exposed to various computer hacking skills and analyze various protective measures and their effectiveness. Prerequisite: CIS 153 with a grade of "C" or better. Corequisite: CIS 286L.

CIS 286L Ethical Hacking Lab

Laboratory activities relating to CIS 286. Corequisite: CIS 286.

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 101 Intro to Criminal Justice & Human Services Careers

This course is designed to help students become aware of career and education options in human services and criminal justice. Students attending this course will become familiar with the educational requirements, lifestyle considerations, application processes, training, certification requirements, and career opportunities in the fields of criminal justice and human services. Students will solidify their academic plan and prepare a personal career plan based on their goals. There are no prerequisites for this course. Students are strongly encouraged to take this course concurrently or immediately after CGS 100.

CJA 113 Intro to Criminal Justice Systems - Corrections

Overview of the theories and current practices in corrections, crime prevention, offender services, treatment methods, and career opportunities.

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 217 Interviewing & Interrogation

Provides in-depth coverage of the theories and practices relevant to criminal justice interviewing and interrogation. Recommended: CJA 111, CJA 112, and CJA 113. Prerequisites: WRI 121 with a grade of "C" or better.

CJA 243 Narcotics & Dangerous Drugs

Provides an overview of the individual and social problems related to drug abuse and addiction. Topics covered include identification and treatment of drug abuse and addiction, the effects of various drugs of abuse, and an examination of the roles played by the criminal justice system with regard to drugs. Recommended: CJA 111, CJA 112, and CJA 113. Prerequisites: WRI 121 with a grade of "C" or better.

CJA 244 Introduction to Behavioral Health Crisis Services

Introduces students to the intersection of behavioral health services and criminal justice systems in urgent/emergent settings. Utilizes both a theoretical and practical base of knowledge allowing students to develop their skills during interventions with clients experiencing acute behavioral health symptoms. This course will extend their ability to assess the needs of the client and understand the resources available to them as they attempt to connect individuals to appropriate systems of care. The students will be provided basic information relative to mental health symptoms, substance abuse disorders, and other clusters of behavioral disturbances that can impact a client's functioning. The intent will be for them to understand the potential differences between each cluster of symptoms to assist with developing appropriate responses while interacting with their clients, as well as, engaging the appropriate systems of care. They will learn de-escalation skills, situation management, understanding of chronic mental illnesses, acute substance disorders, cognitive disorders, and developmental delays. They will gain an understanding of the crisis response system, civil commitment laws, and the role that law enforcement assists patients with behavioral health crisis situations. 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.

Cosmetology

COS 102 Oregon Laws and Rules

In this course students will gain knowledge of the laws and rules pertaining to cosmetology established by the Oregon Health Agency. Students will assess the laws and rules as they apply to the field of cosmetology.

COS 104 Salon Management

This course focuses on the understanding of the salon industry, basic business building techniques, professional relationships, salon ownership and salon retailing.

COS 105 Cosmetology Science

Students will gain a basic knowledge of structures and functions of the skin and muscles of the hand and feet, and gain an understanding of chemical elements, bonds, pH and cosmetics used in cosmetology. Students will study the principles of electricity as used in the field of cosmetology.

COS 111 Hair Design Theory I

This class focuses on the beginning background information necessary for Cosmetology students to prepare for Cosmetology clinic/lab sessions and to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include hair sculpture, associated tools and their usage and the four basic design forms to complete a woman's hair sculpture, and a men's planer combination form sculpture. Corequisite: COS 111L.

COS 111L Hair Design Theory I Lab

Pre-clinic lab sessions prepare students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include hair design, shampooing, rinsing and conditioning, and haircutting for men and women. Corequisite: COS 111.

COS 112A Hair Design Theory II

This class focuses on the beginning background information necessary for Cosmetology students to prepare for Cosmetology clinic/lab sessions and to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include the properties of the scalp, and hair, and both wet and thermal styling. Prerequisite: COS 111. Corequisite: COS 112L.

COS 112B Hair Design Theory II for Barbers

This class focuses on the beginning background information necessary for Cosmetology students to prepare for Cosmetology (Barbering) clinic/lab sessions and to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include the properties of the scalp, and hair, and thermal styling. Prerequisite: COS 111. Corequisite: COS 112L.

COS 112L Hair Design Theory II Lab

Pre-Clinic lab sessions prepare students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include hair design, shampooing, rinsing and conditioning, haircutting, and hairstyling. Prerequisite: COS 111. Corequisite: COS 112A or COS 112B.

COS 113 Hair Design Theory III

This class focuses on the beginning background information necessary for Cosmetology students to prepare for Cosmetology clinic/lab sessions and to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include basic and advanced perm wrapping patterns and relaxing techniques. Prerequisite: COS 112A. Corequisite: COS 113L.

COS 113L Hair Design Theory III Lab

Pre-Clinic lab sessions prepare students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include hair design, shampooing, rinsing and conditioning, haircutting, hairstyling, and chemical texture services. Prerequisites: COS 112A. Corequisite: COS 113.

COS 114 Hair Design Theory IV

This class focuses on the beginning background information necessary for Cosmetology students to prepare for Cosmetology clinic/lab sessions and to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include basic all-over color design and color weaving services. Prerequisite: COS 113. Corequisite: COS 114L.

COS 114L Hair Design Theory IV Lab

Pre-Clinic lab sessions prepare students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include hair design, shampooing, rinsing and conditioning, haircutting, hairstyling, chemical texture services and hair coloring. Prerequisite: COS 113. Corequisite: COS 114.

COS 115C Hair Design Clinical

Clinic-level lab sessions prepare students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include, client relations, infection control, hair design, women's hair styling, shampooing, rinsing and conditioning, haircutting, and hairstyling. Prerequisite: COS 112A.

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COS 116C Hair Design Clinical

Clinic-level lab sessions prepare students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include, client relations, infection control, hair design, women's hair styling, shampooing, rinsing and conditioning, haircutting, and hairstyling. Prerequisite: COS 112A.

COS 117C Hair Design Clinical

This course is a continuation of COS 115C and COS 116C. Clinic-level lab sessions prepare students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include, client relations, infection control, hair design, women's hair styling, shampooing, rinsing and conditioning, haircutting, hairstyling, chemical texture services, specialty permanent waves, and hair coloring. Prerequisite: COS 114.

COS 121 Esthetics Theory

This course focuses on the beginning background information necessary for Esthetics students to prepare for participation in clinic/lab sessions and to meet requirements set forth by the Oregon Board of Cosmetology. Areas addressed include client relations, infection control, physiology and histology of the skin, skin care products, ingredients and selection, skin analysis, basic facials, facial massage, temporary hair removal products and procedures, microdermabrasion, and the world of makeup. Corequisites: COS 121L.

COS 121L Esthetics Theory Lab

These pre-clinic sessions prepare the students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas addressed include client relations, infection control, skin analysis, facials, massage, makeup, temporary hair removal, microdermabrasion, and makeup application. Corequisite: COS 121.

COS 122C Esthetics Clinic II

Clinic-level lab sessions prepare students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include client relations, infection control, skin analysis, facials, massage, makeup, temporary hair removal, and makeup application. Prerequisite: COS 121.

COS 131 Nail Tech Theory

This course focuses on the beginning background information necessary for Nail Technology students to prepare for participation in clinic/lab sessions and to meet requirements set forth by the Oregon Board of Cosmetology. Areas addressed include nail structure and growth, manicuring, pedicuring, nail tips, wraps and nail art. Corequisite: COS 131L.

COS 131L Nail Tech Theory Lab

These pre-clinic sessions prepare the students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas addressed include client relations, infection control, manicures, pedicures, nail enhancements and nail art. Corequisite: COS 131.

COS 132C Nail Tech Clinic II

Clinic-level lab sessions prepare students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include client relations, infection control, manicures, pedicures, nail enhancements and nail art. Prerequisite: COS 131.

COS 141 Barbering Theory

This class focuses on understanding the history of barbering, shaving and beard design, barbering tools and equipment, men's cutting and styling, and theory of basic skin care. Prerequisite: COS 111. Corequisite: COS 141L.

COS 141L Barbering Theory Lab

Pre-Clinic lab sessions prepare students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include analysis of the client's hair, scalp and skin, basic skin care services, and performing basic procedures of sculpture, design, facial hair design, shampoo and conditioning. Prerequisite: COS 111. Corequisite: COS 141.

COS 142C Barbering Clinic II

Clinic-level lab sessions prepare students to meet the requirements set forth by the Oregon Board of Cosmetology. Areas to be addressed include, client relations, infection control, barbering sculpture, hair design, shaving, facial hair design, shampoo and conditioning treatments. Prerequisites: COS 141.

Crop & Soil Science

CSS 150 Intro to Horticulture

This class will provide an introduction to the structure, function, and horticultural physiology of flowering plants. Factors affecting horticultural plant growth and reproduction are studied in addition to a survey of plant propagation techniques. Corequisite: CSS 150L.

CSS 150L Intro to Horticulture Lab

Laboratory activities relating to CSS 150. Corequisite: CSS 150.

CSS 205 Soil Ecology

This course will focus on developing an understanding of how soils can be managed and used for our benefit. Soils will be addressed from the standpoint of traditional, sustainable, and organic agriculture. The role of soils in the management of forests, rangelands, wetlands, and other wildlands will be considered. Weekly hands-on laboratory activities highlighting topics in the course serve to ground the principles of soil science in active learning. Recommended: CHE 104. Prerequisite: MTH 111.

Diesel Technology

DST 141 Heavy Duty Engine Performance

Heavy-duty gasoline/diesel engine theory, component operation and system(s) repair required for successful completion of ASE area T1 Med/Hvy Truck: Gasoline Engine Repair and T2 Medium/Heavy Truck: Diesel Engine Repair. Emphasis on air induction, turbo and supercharging, and exhaust systems. Prerequisites: DST 135 and DST 143 and DST 145.

DST 142 Preventative Maintenance

Instruction in the care and servicing of heavy-duty diesel equipment for the purpose of maintaining equipment in satisfactory operating condition by providing for systematic inspection, detection, and correction of incipient failures either before they occur or before they develop into major defects.

DST 282 Light Vehicle Diesel Engine Repair & Service

This course builds upon learned heavy-duty gasoline/diesel engine theory; component operation and system(s) repair practices required for successful completion of ASE areas of A1-A9 Light Vehicle Diesel Engines: Diesel Engine Repair. Instructional focus includes: air induction systems, turbo charging theory, supercharging theory, exhaust system components, exhaust system service, performance modifications and application along with fuel injection operation and diagnosis, pollutant causes, EGR system operation. Students develop troubleshooting/repair techniques by utilizing structured diagnostic stratagems.

Early Childhood Education

ECE 101 **Child, Family, Community**

The study of influences on children and families which impact child and family behaviors, values, attitudes, beliefs, and morals. Topics include parenting patterns, cultural, religious and socioeconomic influences, peer, school, media impacts, community ecology, and public policy.

ECE 103 **Assessment & Evaluation**

Students will develop knowledge and skills in observing and assessing growth and behavior of children and the adult roles in supporting children's development. The student will examine the importance of developmentally appropriate practices, DAP, assessment and documentation. Students will learn and apply observation techniques. Students are required to spend additional time outside of class observing children in individual and group settings. Prerequisite: PSY 235.

ECE 160 **Early Childhood Practicum: Seminar**

Provides supervised teaching of students in a school or community setting, applying what has been learned through coursework and other educational experiences. Departmental permission required. Prerequisite: All students must successfully pass a criminal background check and vaccination verification. Prior study in ECE. Corequisite: ECE 162.

ECE 162 **Early Childhood Practicum**

Provides supervised teaching of students in a school or community setting, applying what has been learned through coursework and other educational experiences. Departmental permission required. Prerequisite: All students must successfully pass a criminal background check and vaccination verification. Prior study in ECE.

ECE 275 **Anti-Bias Curriculum**

Explore the role of the adult in helping children accept and appreciate diversity and uphold values of equity, inclusion, and social justice.

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 201 **Principles of Economics: Microeconomics**

This course covers principles of rational choice, price determination, market resource allocation, competition, production, market systems, and the role of government in the economy. It also covers individual units in the economy. Recommended: Successful completion of MTH 070 or above and WRI 121 placement.

Education

EDU 200 **Intro to Education**

Examines daily experiences in the schools. Includes discussing personal responses to school situations, students, personnel, the roles of public schools in American society and financial, legal, and administrative implications on instruction.

EDU 251 **Overview of the Exceptional Learner**

Introduction to diverse conditions of students with special needs in public schools. Identifies and defines the following areas of exception ability: learning disabilities, emotional and behavior disorders, intellectual disabilities, severe and multiple disabilities, autism, health impairments, physical disabilities, communication disorders, vision impairments, hearing loss, traumatic brain injury, and talented and gifted.

EDU 252 **Classroom Management**

Introduces several approaches to proactive classroom management. Strategies for setting up an appropriate room environment and establishing procedures, systems, and rules will be introduced and practiced. Behavior management will also be introduced and practiced. Recommended: Prior study in EDU.

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 152 **Emergency Medical Technician Part 2**

This is 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.

EMT 177 **Emergency Response Communication/Documentation**

Documentation of the elements of patient assessment, care, and transport; communication systems; radio types; reports; codes; and principles of therapeutic communication.

Spring Courses A - Z

English

ENG 106 **Intro to Literature (Poetry)**

Enhances enjoyment of poetry, increases understanding of the conventions of poetry and poetic forms, and encourages exploration of human experience. Recommended: 100-level reading and WRI 121.

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 213 **Latin American Literature**

Studies various Latin American literatures, such as works of Hispanic, indigenous, and Afro-Caribbean origin. All readings are in English. Recommended: 100-level reading. 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 115 **Crisis Intervention**

An introduction to crisis response for first responders of an emergency or significant incident or event. This course will assist those who are assisting people in the immediate aftermath of a disaster or other type of tragedy. Students will learn how to reduce initial stress, gather information, debrief, and produce an environment of connectedness to empower communities to heal in the recovery process.

Fire Science

FRP 112 **Fire Fighter II**

This advanced level fire training program prepares the student for the skill competencies for the Firefighter II certification process. The structure firefighter training includes Level 5 Advanced Firefighter Training. Prerequisite: FRP 111.

FRP 121 **Fire Behavior and Combustion**

This course explores the theories and fundamentals of how and why fires start, spread, and are controlled. Instruction in fire behavior and control, matter and energy, units of measurement, flammable liquids, toxic gases, chemicals, radioactive hazards, and firefighting techniques.

FRP 232 **Building Construction for Fire Protection**
Covers building classification and structural features, types of material used in buildings, flame spread and fire retardants, and representative fire loads.

FRP 282 **Introductory Work Experience - Rural Fire Protection District**

This course complements the experience gained in FRP 281. The course introduces the student to a Rural Fire Protection District's work environment. The student participates in four 8-hour shifts with cooperating Rural Fire Protection Districts under District personnel supervision. During their shift rotations, students will learn about rural (primarily volunteer) 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, and FRP 111L.

General Agriculture

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 107 **Human Cultural Geography II**

Introduces the study of human cultural geography with a focus on developing nations. Regional topics include the Middle East, Asia, Africa, and the Pacific Islands. Recommended: WRI 121 placement.

Geographic Information Systems

GIS 280 **Coop Wk Exp: Geographic Information Systems**

Offered for variable credit. On-the-job (paid or volunteer) experience that allows for the application and development of knowledge, skills, and attitudes assimilated through the on-campus program. The seminar introduces fundamental aspects of the industry to the student. The student's objectives determines the number of credits. Instructor permission is required prior to registering and the student must source a job-site or choose from a list of local-partners for the course. Prerequisite: GIS 234.

Health

HEA 100 **Nursing Assistant I**

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 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.

HEA 125 First Aid & Industrial Safety

Presents an overview of industrial safety regulations, accident prevention, ergonomics, hazardous materials, first aid, and adult CPR. Successful students will receive a First Aid and Adult CPR card.

Health Information Management

HIM 104 Intro to Health Data and Content I

This course provides an overview of healthcare delivery systems and health information fields. Includes origin and uses of health records, admitting functions, filing and numbering systems, interdepartmental communication, and computation of basic census data, micrograph concepts, and electronic data interchange. Introduction to application of healthcare procedures via a web-based virtual lab.

HIM 105 Legal & Ethical Aspects of Healthcare

Introduces the legal basis for medical practice, confidentiality, HIPAA, voluntary and involuntary release of medical information, professional liability, consents for treatment and other procedures, and medical-ethical issues.

HIM 131 Medical Coding

This course is the introduction to developing an understanding of coding and classification systems, particularly ICD-9-CM, ICD-10-CM, and CPT, in order to assign valid diagnostic and procedure codes. Students will analyze current regulations and established guidelines in clinical classification systems; determine the diagnoses and procedures that require coding for acute care (inpatient) and outpatient services; interpret conventions, formats, instructional notations, tables, and definitions of the classification system to select diagnoses, conditions, problems or other reasons for the encounter that require coding to include the procedures/services that require coding; and determine sequence of diagnoses and procedures. Recommended: MDA 101 and co-enrollment or completion of MDA 128 or BIO 231.

HIM 180 Coop Wk Exp: HIM Prof Prac Exp I

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.

HIM 205 Health Info and Data Governance

This course applies qualitative and quantitative analysis of the health record in all settings that are based on accreditation, standards, licensing, and certifying agencies. Students will learn the core enterprise information management (EIM) domains and associated practice for health information and data governance. Prerequisite HIM 204

HIM 210 Disease Process

This course introduces the student to concepts related to human diseases. The most common diseases and disorders of each body system are presented along with a review of the anatomy and physiology pertinent to the content. Discussion will include cause, pathological features, physical signs and symptoms, diagnostic procedures, and current preferred treatment. Additionally, the effects of aging on the system and the relationship of aging to diseases are presented. Recommended: MDA 101 and MDA 102. Prerequisites: MDA 128 or BIO 231.

HIM 234 Advanced Medical Coding

This course promotes the advanced understanding of coding and classification systems, particularly ICD-10-CM, and CPT and HCPCS, and introduction and application of ICD-10-PCS, in order to assign valid diagnostic and procedure codes. Diagnostic and procedural coding continues at an advanced level of hands-on application and classification with considerable time spent abstracting, coding, and indexing diagnostic and procedure codes. Prerequisites: HIM 131 and HIM 231.

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.

HIM 292 Exam Review - EHR

This review will help prepare students for the national examination. Students will review core curriculum as essential domains of learning. Practice exams will be administered to familiarize students with the types of questions and formats encountered on these exams. Completion of the HIM AAS degree is required.

HIM 293 Exam Review- CBS

This review will help prepare students for the national examination in coding and billing. Students will review core curriculum as essential domains of learning. Practice exams will be administered to familiarize students with the types of questions and formats encountered on these exams. Completion of the HIM AAS degree is required.

Health & Physical Education

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.

Spring Courses A - Z

HPE 260 Anatomical Kinesiology

This is an introduction to the science of human movement (kinesiology). The class explores the anatomical elements such as muscle action and joint structure and function involved in the gross motor movement. Major emphasis will be on structural anatomy, primary movers of each joint, and muscle utilization for specific sport actions. Prerequisites: BIO 231 and WRI 095 or WRI 121 or placement into WRI 095.

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 103 Western Civilization III: 1800 to Present

Studies Europe in the 19th and 20th centuries. Topics include the Industrial Revolution, nationalism, socialism, the two world wars, the Russian Revolution, Nazism, and globalization. HST 101, 102, and 103 may be taken out of sequence. Recommended: WRI 121 placement.

HST 103M Western Civilization III: 1800 to Present

Studies Europe in the 19th and 20th centuries. Topics include the Industrial Revolution, nationalism, socialism, the two world wars, the Russian Revolution, Nazism, and globalization. HST 101, 102, and 103 may be taken out of sequence. Recommended: WRI 121 placement.

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 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 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. Prerequisite: MET 241. Corequisite: MET242L.

MET 242L CAD for Mechanical Design II Lab

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

MET 243 CAD for Mechanical Design III

Instruction and practice of SOLIDWORKS® software in solid modeling design environment. Utilize 3D solid modeling practice to develop into an apprentice level computer aided design (CAD) technician. Prerequisite: MET 242. Corequisite: MET243L.

MET 243L CAD for Mechanical Design III Lab

Laboratory activities related to MET 243. Corequisite: MET 243.

Manufacturing

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 122 Manufacturing Process III - CNC

MFG 122 is a follow-up course in metal removal processes - emphasis on conversational NC and CNC drilling, milling, and lathe processes. Will include tool grinding. Course stress will be on CNC (conversational) process, planning, concepts and machining. All lab practice will be offline on simulators and online using conversational NC and CNC machines. Prerequisite: MFG 121. Corequisite: MFG 122L.

MFG 122L Manufacturing Process III - CNC Lab

Laboratory activities related to MFG 122. Corequisite: MFG 122.

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 239 Digital Drawing/Adobe Illustrator

Introduces the basics of digital illustration working with both vector graphics and photo editing. Applies tablet technology and screen-based drawing to create digitized graphic elements such as image header, sidebar, banner, logo, and other elements commonly used design. Uses various software platforms, but focuses mainly on Adobe Digital Illustrator. Recommended: ART 131. Corequisite: MMT 239L.

MMT 239L Digital Draw/Adobe Illustrator Lab

Laboratory activities related to MMT 239. Corequisite: MMT 239.

MMT 240 Digital Photography & Photoshop

Students will learn the basics of digital photography, composition, and manipulation of images while using Adobe Photoshop. Investigate competent compact digital and DSLR camera handling techniques. The course emphasizes exposure control, digital management, image editing, printing and presentation. Examines important photographic themes, lighting, and composition. Use Photoshop in acquiring, preparing, manipulating, storing, outputting and/or uploading and displaying digital images. Requires access to a camera with manual exposure controls, DSLR (digital single-lens-reflex) cameras are preferred. Corequisite: MMT 240L.

MMT 240L Digital Photography & Photoshop Lab

Laboratory activities relating to MMT 240. Corequisite: MMT 240.

MMT 273 Building Virtual Reality Applications

This course introduces new topics to the augmented reality learner. We will explore geolocation augmented reality and augmented reality eye wear. This course will require C# scripting to take full advantage of the topics. The class will be project based with each student assigned a project to complete for the term. Prerequisite: MMT 272.

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 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 104 Math in Society Plus

This is a math course that provides additional instruction and support for MTH 105 through math and study skills building and through just in time remediation necessary to be successful in MTH 105. Students who place into MTH 105 or higher are not required to take MTH 104, but may still elect to take MTH 104. Corequisite: MTH 105.

MTH 105 Math in Society

Math in Society is a rigorous mathematics course designed for 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 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 213 Foundations of Elementary Math III

This course is for prospective K-8 teachers. Emphasizes informal geometry, transformational geometry, and measurement systems. 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 244 Statistics II

Covers inferential statistics with an emphasis on applications. Topics include estimation of proportions and means for a population, inferences from chi-square distributions, one way and two way analysis of variance (ANOVA), the F distribution, time series analysis, regression and correlation, and hypothesis testing. Working knowledge of Excel required. Prerequisite: MTH 243 with a grade of "C" or better.

Spring Courses A - Z

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.

MTH 252 **Calculus II**

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

MTH 253 **Calculus III**

Vectors, differentiation, and integration of vector valued functions. Partial derivatives, multiple integrals, and their applications. This course introduces the calculus of several variables and multiple integration. Prerequisite: Successful completion of MTH 252 a grade of C or better.

Music

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.

Nursing

NSG 112 **Health & Illness Concepts II (didactic)**

This course builds upon health and illness concepts across the lifespan. Concepts covered are related to community health, family, sexuality, reproduction, health, wellness, illness, development, oxygenation, intra-cranial regulation, mood, stress and coping, behaviors, immunity, inflammation, grief and loss and supervising care within scope. Corequisite: NSG 112C.

NSG 112C **Health & Illness Concepts II (application)**

The focus of this course is to provide safe, evidence-based nursing care for patients with chronic condition, across the lifespan in a variety of settings. This course builds upon curricular concepts. This course is a combination of clinical experience and simulation laboratory. Corequisite: NSG 112.

NSG 213 **Professional Concepts (didactic)**

This course is the culmination of the care and management of the holistic, diverse, complex and/or unstable client. Emphasis is on the refinement of clinical decision making skills, achievement of clinical competence, and demonstration of professional nursing practice. This course provides opportunities to incorporate informatics, to apply evidence-based practice, and to explore quality improvement opportunities using the National Patient Safety Goals. Prerequisite: NSG 211 and NSG 211C. Corequisite: NSG 213C.

NSG 213C **Prof Concepts (appl) - Capstone Exp**

This course prepares the student for entry-level nursing practice as an associate degree graduate. The focus of this course is management of individuals across the lifespan with chronic, acute, and select complex conditions. Analysis and reflection throughout the clinical experience provide students with evaluative criteria against which they can judge their own performance and develop a practice framework. Corequisite: NSG 213.

Office System Technology

OST 120 **Business Editing Skills**

Students will analyze and apply reference tools to proofread, edit, and format business documents appropriate for distribution. Practical applications and use of an office reference manual are also incorporated. Recommended: Placement into WRI 121, keyboard by touch and word processing skills, or consent of instructor. English communication skills necessary.

OST 131 **10-key Calculators**

Students will learn techniques to develop 10-key skills by touch. This course also covers the use of electronic printing calculators to solve simple business and mathematical problems.

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 186D **Ballroom Dance I**

Introduces the fundamental principles of ballroom dance. Places emphasis on proper partnering, style, and phrasing. Focuses on elementary steps of foxtrot, waltz, swing, cha-cha, and rumba.

Philosophy

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.

Physics

PHY 103 **Fundamentals of Physics III**

Laboratory science course designed for non-science majors. Third term of a three-term series. A conceptual study of physics. Topics include waves and sound, electricity and magnetism, and light and optics. 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 103L.

PHY 103L **Fundamentals of Physics III Lab**

Laboratory activities relating to PHY 103. Corequisite: PHY 103.

PHY 211 **General Physics I (Calculus-based)**

Topics include concepts in mechanics and their relationship to practical applications for science and engineering majors. Prerequisites: MTH 251. MTH 251 can be taken concurrently with PHY 211. Corequisite: PHY 211L.

PHY 211L **Gen Physics I Lab**

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

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.

PSY 201M General Psychology I
Introduction to the general principles of psychology. Topics include history, research methods, brain and behavior, genes and environment, human development, sensing and perception, consciousness, and learning. 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 203 General Psychology III
Introduction to the general principles of psychology. Topics include personality, emotion and health, psychological disorders and treatment, and social psychology. Note - the introduction to psychology series does not have to be taken in order. Recommended: PSY 201A. Prerequisite: WRI 121.

PSY 203A General Psychology III
Introduction to the general principles of psychology. Topics include personality, emotion and health, psychological disorders and treatment, and social psychology. Note -- the introduction to psychology series does not have to be taken in order. Recommended: PSY 201A. Prerequisite: WRI 121.

PSY 225 Abnormal Psychology I
Overview of biological, psychological, and social causes of abnormal behavior. Specific topics include models, classification system, and assessment of abnormal behavior. Anxiety, mood, personality, and stress disorders are covered during the course of the term. Prerequisite: WRI 121.

PSY 233 Psychology of Violence and Aggression
This course addresses the developmental, social, physiological, and cultural aspects that contribute to violence and aggression as well as the legal issues involved. Includes an overview of the theories of aggression, as well as factors influencing family violence, violent children, mob mentality, hate crimes, war and terrorism, stalking, sex crimes, and murder. Prerequisite: WRI 121 or placement into WRI 121.

PSY 235 Human Growth & Development I
A bio-social 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.

PSY 244 Research Methods
Overview of the techniques of research. Emphasis is placed on techniques of quantitative research, including experimental, quasi-experimental, field, and survey research methods. Students are engaged in developing an APA research proposal based on current psychological literature. Prerequisite: MTH 105 with a grade of 'C' or better or MTH 243 with a grade of 'C' or better.

Spanish

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 103 First Year Spanish III
Third 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 102.

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.

SPE 214 Interpersonal Communication
Develop awareness, knowledge, and skills for intra- and interpersonal communication as they pertain to personal and workplace relationships. Emphasizes topics such as function of communication, self-concept, perception, conversational skills, relationship development and maintenance, self-disclosure, assertiveness, and conflict management strategies. Prerequisite: WRI 095 or WRI 121 or placement into 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: WRI 117 and WRI 121.

Spring Courses A - Z

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.

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 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 261 **Basic Fabrication**

Develops fabrication knowledge and skills in selection and use of layout tools and equipment to assemble a fabrication project from given specifications. Prerequisite: WLD 102 and WLD 114.

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 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 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 117 **Intro to Technical Communication**

Focuses on the specific writing needs of career and technical programs: instructions procedures, proposals, letters, memoranda, e-mail, work reports, and other work-related documents. Prerequisite: WRI 095 or WRI 121 or placement into WRI 121.

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 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.

Career Community Spotlight: Human Resources

Is your passion helping your community?

The Human Resources career community gives you program options to make the world a better place by helping others.

Are you cool under pressure?

You may be a good fit for the **Criminal Justice** or **Emergency Response Operations (ERO)** programs. ERO has emphases in **Emergency Medical Technician (EMT)**, **Wildland Fire**, **Structure Fire**, and **Criminal Justice**.

Are you empathetic, but don't want all the action?

You should consider **Early Childhood Education**, **Education - Paraeducator**, or **Psychology**. KCC's education programs both seamlessly transfer to Southern Oregon University to continue your education.

Want a hands-on customer service experience?

The **Cosmetology** program allows students to directly interact with customers during their training in our student operated salon.

Our Student Success Advisors are excited to help you figure out what program is right for you and get you started! Contact 541-882-3521 or kcc@klamathcc.edu today.

Learn more about the
programs in the
human resources
career community:

klamathcc.edu/human-resources





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 541-880-2314; or to the Office of Civil Rights, U.S. Department of Education, 915 Second Ave. Room 3310, Seattle, WA 98174-1099

Campus Map

Building #	Building Name	Building Contents
Building 1		Childcare Facility
Building 2		Classrooms
Building 3		Agriculture Lab, Art Lab, Faculty Offices, HR Offices, Testing Center
Building 4		Aviation, Career Services Center, Commons, Food Services, Student Life Center, Classrooms, Wellness Center
Building 5	Career Technical Center (CTC)	Career Technical Education Classes, Auto & Diesel Lab, Faculty Offices
Building 6	Health Sciences Building (HSB)	Science classrooms, Health and Science Labs, Computer Labs, Student Study Spaces, Faculty Offices
Building 7	KCC Conference Center	Conference Center Space
Building 8	Work Skills Technology Center (WSTC)	Classrooms, Faculty Offices, Klamath Center for Education and Training, Workforce and Community Education Offices
Building 9	Founders Hall	Administrative Offices, Cashier, Bookstore, Financial Aid, TRiO, Learning Resources Center, Student Services, Veterans Services
Building 10	Apprenticeship Center	Welding, Apprenticeship and Workforce Training, HEP Center, Manufacturing Engineering Technology (MET), Fire Science, Emergency Management Services
Building M	Maintenance	Maintenance

