

**Klamath Community College**  
**College Now/College Online H.S. Program**

**Helpful Tips to Remember**

1. Students must complete placement testing prior to enrolling in **Math** and **Writing courses**, as placement results determine appropriate course placement.

**NOTE:** If you have previously completed a placement test or have taken Math or Writing courses at another accredited college or university, you must provide either a copy of your placement test results OR a copy of your transcript showing successful completion of the relevant course(s) for college credit. This documentation is required to determine appropriate course placement.

For more information or assistance with placement testing, please contact:

**Tawni Ellis**  
**Accelerated Learning Coordinator**  
**Email:** [Tawni.Ellis@klamathcc.edu](mailto:Tawni.Ellis@klamathcc.edu)  
**Phone:** 971-380-5132

2. **Understanding Course Descriptions**  
This list does not include course prerequisites. However, when reviewing course descriptions, it is important to understand the following terms.:
  - **Prerequisite:** A course or requirement that a student must successfully complete before enrolling in a more advanced course.
  - **Recommended:** A course, skill, or background knowledge that is advised-but not required-prior to enrolling in a particular course.
3. **Please Note:** While the courses listed do not have prerequisites, not all of them are offered every academic term. If a course does not appear in the current term's schedule, please contact **Tawni Ellis** to inquire about its future availability.

Klamath Community College  
**2026-2027**  
College Now Program  
Course Descriptions  
*Courses Without Prerequisites*

**ADS 102- Drug Use & Addiction**

**3.00 credits**

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 150 - Basic Counseling & Addiction**

**3.00 credits**

Introduction to the theory and practice of addictions 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: WRI 121 placement.***

**ADS 152 - Group Counseling & Addiction**

**3.00 credits**

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 156 - Ethical & Professional Issues**

**3.00 credits**

In-depth examination of counseling ethics with particular focus and attention paid to the role of the professional addictions' counselor. Students will become familiar with the ethical guidelines of the ACCBO (Addiction Counselor Certification Board of Oregon) and the American Counseling Association. ***Recommended: WRI 121 placement.***

**ADS 157 - Risk Assessment & Intervention**

**3.00 credits**

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**

#### **3.00 credits**

Introduction to the American Society of Addiction Medication (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.

### **AMT 101 - Workplace Skills Training**

#### **4.00 credits**

Workplace Skills Training is in direct response of automotive industry needs for students to possess the basic skills indicative of certified automotive technicians. The course design encourages students in developing life skills necessary to locate gainful employment in the automotive industry. Instructional focus includes: seeking and applying for employment, preparing resumes, filling out applications, interviewing techniques, personal appearance and communication skills. Furthermore, emphasis is placed upon the skills required to retain industry employment including: punctuality, regular attendance, following directions, general shop practices, productivity, hourly and flat rate compensation, time clock management, problem solving, employee loyalty and responsibility, employee professionalism and good customer service skills. The class will provide theory and related hands-on experience on live vehicles as the foundation for advanced automotive courses.

### **ART 115 – Basic Design: 2 D-Black and White**

#### **3.00 credits**

Studio course introducing 2-D black-and-white foundations centered on creative problem solving. Establishes critical skills and personal artistic vision. Investigates a broad range of materials, techniques and projects to explore black-and-white design concepts with reference to historical and contemporary perspectives.

### **ART 116 – Basic Design:2-D Color**

#### **3.00 credits**

Studio course introducing 2-D color foundations centered on creative problem solving. Establishes critical skills and personal artistic vision. Investigates a broad range of materials, techniques and projects to explore color design concepts with reference to historical and contemporary perspectives.

### **ART 117 - Basic Design: 3-D Foundations**

#### **3.00 credits**

Studio course introducing foundations of 3-D design and spatial organization. Emphasizes innovative problem solving with varied media. Establishes critical skills and artistic vision. Incorporates range of materials and techniques to explore 3-D concepts with reference to historical and contemporary perspectives. **Recommended: Co-enrollment or completion of WRI 095.**

### **ART 131 – Intro to Drawing**

#### **3.00 credits**

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 \$80.** May not be taken concurrently with ART 231.

### **ART 211 – Modern Art History – 19<sup>th</sup> Century Art in Europe**

#### **3.00 credits**

The 19th century saw the beginning of the modern world and modern societies in Europe. Course examines and analyzes the visual arts, beginning with the French Revolution in 1789, to reveal the processes that led to our current cultural life. **Recommended: WRI 121.**

### **ART 212 – Modern Art History – Early 20<sup>th</sup> Century Art**

#### **3.00 credits**

The turn of the 20th century witnessed revolutions in science, technology, psychology, and philosophy. Course examines and analyzes the visual arts to reveal some effects of those changes and to gain insight into our modern world. **Recommended: WRI 121.**

### **ART 213 – Modern Art History – Art Since 1945**

#### **3.00 credits**

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**

#### **3.00 credits**

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**

#### **3.00 credits**

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.**

### **ART 284 – Watercolor I**

#### **3.00 credits**

Includes lectures, demonstrations, films, slides and specific problems dealing with color relationships, composition, and watercolor techniques. Explores different ways of seeing and painting to become more visually literate. Examines basic watercolor 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 \$100.**

### **ART 293 - Sculpture**

#### **3.00 credits**

A studio experience with supporting slides, lectures and films. Explores sculptural form through a variety of hands-on processes and techniques, historical and critical perspectives, and creative approaches. Covers use of material and new possibilities for personal expression in form and space. You will be expected to purchase materials for this course based on a list provided by the instructor. **Material costs will be approximately \$85.**

### **AVS 100 - Intro to Aviation**

#### **4.00 credits**

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

### **AVS 105 - Aviation Fundamentals**

#### **4.00 credits**

Covers the fundamental knowledge necessary for understanding helicopter flight and the aviation environment. Students will learn aerodynamic laws and principles, meteorology, and flight physiology relative to the aviation environment.

### **AVS 120 – Aircraft Systems & Structures I: Airframe Mechanics & Maintenance Technology**

#### **3.00 credits**

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

### **AVS 125 – Aircraft Systems: Powerplant**

#### **3.00 credits**

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

### **AVS 130 – History of Aviation**

#### **3.00 credits**

This course will explore the history of aviation from its origins to the present day. It examines the milestones of flight, aviation pioneers, development of aircraft, the evolution of airliners, jets, and rotary-wing aircraft, and developments in manned space travel. The course will survey the scientific, political, military, socioeconomic, and cultural impacts on aviation.

### **AVS 140 – Intro to Unmanned Aerial Systems**

#### **3.00 credits**

This course offers an introduction of the history of unmanned aerial systems (UAS) and surveys current UAS platforms, sensors, terminology, challenges to integrating unmanned systems into the national airspace system, operational theory, and the Federal Aviation Administration (FAA) certificate of authorization (COA) process.

### **AVS 150 – Meteorology I**

#### **4.00 credits**

This is a survey course in atmospheric science that covers weather basics and atmospheric circulations. Included is a systematic development of the following: the atmosphere, energy and temperature, wind, atmospheric moisture, horizontal and vertical pressure patterns, clouds, atmospheric circulation, stability, air masses, fronts, fog, icing, thunderstorms, jet streams, and turbulence. Students will study surface weather observations, routine weather reports and forecasts, surface maps, and constant pressure maps.

### **AVS 251 – Aviation Law & Regulations**

#### **4.00 credits**

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

### **AVS 252 – Human Factors**

#### **4.00 credits**

This course is an introduction to the field of human behavior and characteristics as critical factors in the design and operation of electronic/machine systems. Emphasis is on crew resource management and human factors, including the study of human performance in complex systems with an examination of personality, stress, anxiety, fatigue, communication skills, decision making, situational awareness, analysis of aviation and accidents, and practical application of human factors and performance to modern aviation.

### **AVS 254 – Aviation Safety**

#### **4.00 credits**

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

### **BIO 112 - Integrated Chemistry and Cell Biology for Health Occupations**

#### **3.00 credits**

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: Placement into MTH 070 or higher. Corequisite: BIO 112L.**

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

#### **1.00 credits**

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

### **BUS 101Z - Intro to Business**

#### **4.00 credits**

Presents an integrated view of both established and entrepreneurial businesses by studying their common characteristics and processes in a global context. Introduces theory and develops basic skills in the areas of accounting, finance, management, and marketing, with an emphasis on social responsibility and ethical practices. Explores how businesses can create value for themselves and society by addressing environmental and social challenges.

### **BUS 111 - Intro to Accounting**

#### **4 credits**

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

### **BUS 124 - Leadership Skills in Action**

#### **1.00 credit**

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

### **BUS 150 - Intro to Entrepreneurship**

#### **3.00 credits**

Students will learn the basics of entrepreneurship, including the personal aspects of entrepreneurs, opportunity identification, and organizational structuring. This course will introduce information on becoming an entrepreneur, selecting a type of ownership, developing a business plan, marketing a business, hiring and managing a staff, and financing, protecting, and insuring the small business.

### **BUS 169Z- Data Analysis Using Microsoft Excel**

#### **4.00 credits**

Covers Microsoft Excel software skills necessary for evidence-based problem-solving, including workbook editing, formula creation, charting, and pivot tables. Emphasizes hands-on learning using Excel functions to perform data analysis to enhance decision-making.

### **BUS 178 - Customer Service Fundamentals**

#### **1.00 credit**

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 203 - Intro to International Business**

#### **3.00 credits**

Explores the processes of international trade and examines the functional, economic, political, and financial aspects of international business. Cultural differences, human resource management techniques, and corporate strategy for international markets are addressed. Provides a panorama of key international business activities and issues within a framework for further study in international business.

### **BUS 206 - Management Fundamentals**

#### **3.00 credits**

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 218 - Personal Finance**

#### **3.00 credits**

Studies the role of the consumer in the economy and addresses problems of financing individual and family needs, including budgeting, banking relationships, charge accounts, installment buying, insurance, wills, real estate investing, and personal taxes.

***Recommended: Placement into MTH 060 or MTH 070.***

### **BUS 223 - Principles of Marketing**

#### **3.00 credits**

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 229 - Project Management Fundamentals**

#### **3.00 credits**

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

### **BUS 229L - Project Management Fundamentals Lab**

#### **1.00 credits**

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

### **BUS 233 - Social Media Marketing**

#### **3.00 credits**

This course explores principles and technologies related to Internet marketing as part of an organization's overall marketing strategy. Common social media tools such as Facebook, Twitter, YouTube, and others will be utilized as resources to connect with customers and improve business performance.

### **BUS 238 - Sales & Sales Management**

#### **3.00 credits**

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

### **BUS 249 - Retailing**

#### **3.00 credits**

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 261 - Consumer Behavior**

#### **3.00 credits**

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

### **BUS 272 – Financial Analysis & Budget Forecast**

#### **4.00 credits**

This course includes the application of business math skills (computation of interest, payroll, discounts, pricing, gross and net margin) and identification and analysis of financial statements and reports. The analysis component includes review of financial and accounting information for effective business decision making, internal controls and profit analysis, preparing operational budgets, preparing pro-forma financial statements and budget forecasts, and identifying accounting concepts and principles related to ethical business decision making practices and performance measures. **Recommended: Minimum placement into MTH 095 and basic understanding of general accounting principles.**

### **BUS 285 - Human Relations in Organizations**

#### **3.00 credits**

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.

### **CAS 121 – Beginning Keyboarding**

#### **2.00 credits**

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**

#### **3.00 credits**

Students will refine keyboarding technique, increase speed, and improve accuracy through corrective practice. *Prerequisite: CAS 121 **and/or** 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 Lecture**

#### **3.00 credits**

Provides hands-on experience with Microsoft Office software fundamentals, including Word, PowerPoint, Excel, and Access. 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**

#### **1.00 credit**

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

### **CAS 216 – Word Processing**

#### **3.00 credits**

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

### **CAS 245 - Office Systems & Procedures**

#### **3.00 credits**

This course introduces students to a wide variety of office procedures and skills needed to be efficient in today's office environment.

Students will draw upon related learning in previous courses as they participate in team and individual office skills projects with a focus on application software. **Recommended: Successful completion of CAS 170 and CAS 216. Corequisite: CAS 245L.**

**CAS 245L - Office Systems & Procedures Lab**

**1.00 credits**

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

**CGS 100 - College Survival & Success**

**3.00 credits**

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 110 – Study Skills for College Learning**

**1.00 credits**

This course provides students with information, techniques, strategies, and skills helpful in becoming more efficient in time management, studying, listening, note taking, and taking exams. Addresses basic principles of the psychology of learning and memory as they relate to college students.

**CGS 112 - Career Exploration & Planning**

**1.00 credits**

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.

**CIS 111 - Digital Game Development I**

**3.00 credits**

Learn how to make high quality 2D and 3D video games using Unity. Students will learn game development design principles and practices. Learn how to create, acquire, modify and integrate assets such as sounds, music and 3D models all while learning how to build interactive 3D worlds. **Corequisite: CIS 111L**

**CIS 111L - Digital Game Development I Lab**

**1.00 credit**

Laboratory activities relating to CIS 111. **Corequisite: CIS 111.**

### **CIS 135 – Mobile App development**

**3.00 credit**

This course delves into the fundamentals of mobile application development, focusing on beginner programming concepts. Students will learn to develop basic applications suitable for mobile devices, exploring the various phases of application development, associated terminology, and the principles of application design and coding. Emphasis will be placed on developing programming skills in application development. **Corequisite: CIS 135L.**

### **CIS 135L – Mobile App development**

**1.00 credit**

Laboratory activities relating to CIS 135. **Corequisite: CIS 135.**

### **CIS 142 - Introduction to Programming C#**

**3.00 credits**

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**

**1.00 credits**

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

### **CIS 145 - Hardware Installation Support**

**3.00 credits**

The course covers the fundamentals of computer hardware. Workplace safety and hardware handling procedures will be covered. Students will learn to identify, test, and install motherboards, memory components, power supplies, and peripheral devices. **Corequisite: CIS 145L.**

### **CIS 145L - Hardware Installation Support**

**1.00 credit**

Laboratory activities relating to CIS 145. **Corequisite: CIS 145.**

### **CIS 146 - Software Installation Support**

**3.00 credits**

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

### **CIS 146L - Software Installation Support Lab**

**1.00 credit**

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

### **CIS 151 - Network I**

**3.00 credits**

This course introduces the basic concepts and characteristics of network systems. Students will learn the common network protocols and standards, the fundamentals of IP addressing, how to connect network hardware, and the role of network software. Coursework will include designing and building a small office/home office (SOHO) system. **Corequisite: CIS 151L.**

### **CIS 151L - Network I**

**3.00 credits**

Laboratory activities relating to CIS 151. **Corequisite: CIS 151.**

### **CIS 152 – Network II**

**3.00 credits**

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

### **CIS 152L – Network II**

**1.00 credits**

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

### **CIS 195 – Intro to Webpage Design**

**3.00 credits**

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

**Corequisite: CIS 195L.**

### **CIS 195L – Intro to Webpage Design**

**1.0 credits**

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

### **CIS 206 – Intro to Information Technology**

**3.00 credits**

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. **Corequisite: CIS 206L.**

### **CIS 206L – Intro to Information Technology**

**1.00 credits**

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

### **CIS 211 - Digital Game Development II**

**3.00 credits**

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

**Corequisite: CIS 211L**

### **CIS 211L - Digital Game Development II Lab**

**1.00 credits**

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

### **CIS 243 - E-Commerce**

**4.00 credits**

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 245 - Multimedia Project Management**

**3.00 credits**

Study practical approaches for managing, planning, organizing and implementing interactive multimedia and web production projects. Complete hands-on projects requiring management of project resources, scope, timeline, cost, scheduling, human and other resources. Students use Microsoft Project and other project monitoring tools. **Corequisite: CIS 245L.**

### **CIS 245L - Multimedia Project Management Lab**

**1.00 credits**

Laboratory activities relating to CIS 245. **Corequisite: CIS 245.**

### **CIS 275 - Database I**

**3.00 credits**

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**

**1.0 credits**

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

### **CJA 101 – Intro to Criminal Justice**

**3.00 credits**

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 105 - Cultural Diversity in Criminal Justice Professions**

**3.00 credits**

Provides introduction and familiarization with communication styles, customs, language and behavior patterns of various cultures, ethnic groups and marginalized populations as employed by and encountered by criminal justice professionals. Students participating in this course will study the history and impact of prejudice, discrimination, and racism within the criminal justice system. Students will learn the importance of relating to all segments of the communities they serve in a fair and unbiased manner. The knowledge of various populations will enhance the quality of criminal justice services, individual officer safety, and increase the understanding and empathy in the process of improving criminal justice services-citizen contacts.

### **CJA 111 - Intro to Criminal Justice – Police**

**3.00 credits**

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

### **CJA 112 - Intro to Criminal Justice – Courts**

**3.00 credits**

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

### **CJA 113 - Intro to Criminal Justice – Corrections**

#### **3.00 credits**

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

### **CJA 120 - American Criminal Justice System**

#### **3.00 credits**

An overview of the American criminal justice system, examining structure, functions, processes, as well as theoretical perspectives in criminology, including biological, psychological, and sociological explanations. Focuses on law enforcement, criminal courts, corrections, community-based sanctions, and the constitutional frameworks in which they operate.

### **COS 102 – Oregon Laws and Rules**

#### **2.00 credits**

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**

#### **1.00 credits**

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**

#### **3.00 credits**

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.

### **DST 101 – Diesel Industry Skills Training**

#### **4.00 credits**

Diesel Industry Skills Training is in direct response of industry needs for students to possess the basic skills indicative of certified heavy-duty diesel technicians. The course design encourages students in developing life skills necessary to locate gainful employment in the diesel service industry. Instructional focus includes: seeking and applying for employment, preparing resumes, filling out applications, interviewing techniques, personal appearance and communication skills.

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Furthermore, emphasis is placed upon the skills required to retain industry employment including: punctuality, regular attendance, following directions, general shop practices, productivity, hourly and flat-rate compensation, time-clock management, problem solving, employee loyalty and responsibility, employee professionalism and good customer service skills. The class will provide theory and related hands-on experience on live vehicles as the foundation for advanced heavy-duty diesel courses.

### **ECE 101 - Child, Family, Community**

**3.00 credits**

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 102 - Guidance of Young Children**

**3.00 credits**

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

***PSY 235 is strongly recommended***

### **ECE 122 – Inclusive Environments and Curriculum in Early Care and Ed**

**4.00 credits**

An introduction to an overview of creating physical and social environments and curriculum for children six weeks to six years in home or center-based programs. Course covers theories and relationships between physical and social space, activities, experiences, and materials. Students are introduced to the use of developmentally and culturally appropriate practices in planning, selecting, and evaluating environments and curriculum for young children.

### **ECE 135 - Mathematics and the Young Child**

**3.00 credits**

This course is designed to teach students effective strategies to recognize and promote mathematical development and learning in all young children. Students will explore what mathematics looks like for infants, toddlers, and preschoolers and learn specific ways to facilitate young children's mathematical development.

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

**3.00 credits**

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

### **ECE 249 - Inclusion of Children w/Special Needs**

**3.00 credits**

Examine effective strategies to encourage, invite, and engage young children to explore, learn, and grow.

### **ECE 275 - Anti-Bias Curriculum**

**3.00 credits**

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

### **ECE 280 - Cooperative Work Experience: Early Childhood**

**2.00 credits**

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.**

### **ECO 201Z - Principles of Microeconomics**

**4.00 credits**

Examines how consumers and firms make choices when facing scarce resources, and how those choices are related to government policy and market outcomes, such as prices and output. **Recommended: Successful completion of MTH 070 or above and WRI 121Z placement. Previously ECO 201.**

### **ECO 202Z – Principles of Macroeconomics**

**4.00 credits**

Examines the aggregate activity of a market economy, economic growth, inflation, unemployment, and the use of fiscal and monetary policy to address macroeconomic problems. **Recommended: Successful completion of MTH 070 or above and WRI 121Z placement. Previously ECO 202.**

### **EDU 113 - Instructional Strategies in Language Arts & Reading**

**3.00 credits**

Covers various instructional methodologies, practice in theme unit planning, integration of content areas, focus on authors in children's literature, practice and instruction in cooperative groups.

### **EDU 133 - Computers in Education**

#### **3.00 credits**

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

### **EDU 133L - Computers in Education Lab**

#### **1.00 credit**

Laboratory activities relating to EDU 133. **Corequisite: EDU 133.**

### **EDU 200 - Intro to Education**

#### **3.00 credits**

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**

#### **4.00 credits**

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 - Behavior Management**

#### **3.00 credits**

This course will define and apply behavior management theory and practice in the context of a classroom or individual learning environment. Particular emphasis will be placed on development of observation and assessment skills. ***Recommended: Prior study in EDU.***

### **EDU 258 – Multicultural Education**

#### **3.00 credits**

Introduces the philosophy, activities, and materials applied in developing a culturally sensitive multicultural classroom and curriculum.

### **ENV 105 - GPS, Map & Compass**

#### **2.00 credits**

Introduction to use of topographic maps, compass, and portable GPS. Students will explore map scale, resolution, and accuracy. Projections and coordinate systems will be introduced. Differential GPS corrections will also be explored.

### **ENV 170 - Environmental Science Lecture**

#### **3.00 credits**

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**

#### **1.00 credit**

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

### **ERO 100 - Intro to Emergency Response and Operations**

#### **3.00 credits**

Prepares students for a career in emergency services. This course includes an overview of emergency medical services, law enforcement services and firefighter services, career opportunities within and related fields.

### **ERO 103 – Legal Aspects of Emergency Services**

#### **3.00 credits**

Students learn the federal, state, and local laws that regulate emergency services, national standards influencing emergency services, standard of care, tort, liability, and a review of relevant court cases.

### **ERO 115 - Crisis Intervention**

#### **3.00 credits**

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.

### **ERO 125 – Hazardous Materials Awareness and Operation**

#### **1.00 credits**

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

### **GEO 105 - Physical Geography & GEO 105L – Physical Geography Lab**

**3.00 credits + 1.00 credit (Lab)**

Introduces students to the geographical study of earth's physical landscape and process. Topics include the biosphere, geosphere, atmosphere, and human-environment interactions. Concepts are applied to a variety of regions including Oregon and the Klamath Basin. Satisfies lab science requirement. **Recommended: WRI 121 placement. Corequisite: GEO 105L.**

### **GEO 106 - Human Cultural Geography I**

**3.00 credits**

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

### **GEO 107 - Human Cultural Geography I**

**3.00 credits**

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.**

### **HEA 125 - First Aid & Industrial Safety**

**3.00 credits**

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.**

### **HEA 252 - First Aid Basics & Beyond**

**3.00 credits**

Explores and demonstrates basic first aid and advance first aid for remote areas. Includes first aid and CPR certification.

### **HIM 104 - Intro to Health Data and Content I**

**3.00 credits**

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. Lab will include application of healthcare procedures via a web-based virtual lab.

### **HIM 105 - Legal & Ethical Aspects of Healthcare**

#### **3.00 credits**

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

### **HIM 131 - Medical Coding**

#### **4.00 credits**

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 start the BIO 231, BIO 232, and BIO 233 series.***

### **HIM 212 - Intro to Pharmaceuticals**

#### **3.00 credits**

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

### **HPE 207 - Stress Management**

#### **3.00 credits**

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

### **HPE 225 - Nutrition**

#### **3.00 credits**

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

### **HPE 295 - Health & Fitness for Life**

#### **3.00 credits**

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.

### **HST 101 - Western Civilization I: Ancient World to 1000**

#### **3.00 credits**

Studies the ancient civilizations of Egypt, Mesopotamia, Greece, and Rome. Topics also include development of early Christianity and early Medieval Europe. HST 101, 102, and 103 may be taken out of sequence. ***Recommended: WRI 121 placement.***

### **HST 102 - Western Civilization II: 1000 to 1800**

#### **3.00 credits**

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

***Recommended: WRI 121 placement.***

### **HST 103 - Western Civilization III: 1800 to Present**

#### **3.00 credits**

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 201M - United States History I**

#### **5.00 credits**

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

### **HST 202 - United States History II: 1840 to 1914**

#### **3.00 credits**

Surveys the history of the United States from 1840 to 1914. Studies include political, social, and economic trends and events. HST 201, 202, and 203 may be taken out of sequence.

***Recommended: WRI 121 placement.***

### **HST 203 - United States History III: 1914 to Present**

#### **3.00 credits**

Surveys the history of the United States from 1914 to the present. Studies include political, social, and economic trends and events. HST 201, 202, and 203 may be taken out of sequence. ***Recommended: WRI 121 placement.***

### **HST 203M - United States History II**

#### **5.00 credits**

Surveys North American history from Reconstruction through the present. Studies include political, social, and economic trends and events. ***Recommended: Placement scores at WRI 121.***

**MDA 101 - Medical Terminology I**

**3.00 credits**

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

**MET 102 - Basic Engineering Materials**

**3.00 credits**

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

***Recommended: WLD 101***

**MET 241 - CAD for Mechanical Design I**

**2.00 credits**

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

**MET 241L - CAD for Mechanical Design I**

**1.00 credit**

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

**MFG 102 - Basic Engineering Materials**

**2.00 credits**

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

**MFG 120 - Manufacturing Process I**

**2.00 credits**

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

**MFG 120L - Manufacturing Process I**

**2.00 credits**

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

### **MMT 239 - Digital Drawing/Adobe Illustrator**

#### **3.00 credits**

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 Drawing/Adobe Illustrator Lab**

#### **1.00 credit**

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

### **MMT 240 - Digital Photography & Photoshop**

#### **3.00 credits**

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**

#### **1.00 credit**

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

### **MMT 241 - Graphic Design for the Web**

#### **3.00 credits**

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

### **MMT 241L - Graphic Design for the Web Lab**

#### **3.00 credits**

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

### **MMT 260 - Video Production I**

#### **3.00 credits**

Introduces digital video production, with a focus on the fundamentals of project planning, basic camera functions, shooting techniques, lighting principles, and audio recording fundamentals. Includes preproduction issues, production terminology, and evaluation of industry etiquette. *Recommended: MMT 240. Corequisite: MMT 260L.*

### **MMT 260L - Video Production I Lab**

#### **1.00 credit**

Laboratory activities relating to MMT 260. **Corequisite: MMT 260.**

### **MMT 262 – Audio for Production**

#### **3.00 credits**

Introduces basic digital audio recording techniques for production. Includes studio electronics and acoustic principles, waveform properties, microphone concepts and placement techniques, studio and field interview setup, podcasting, signal flow, signal processing concepts, mono, stereo, and multi-track principles, and an overview of mixing and editing. Students' complete exercises using digital audio recorders, wireless and wired microphones, and industry standard DAW such as Adobe Audition or similar.

### **MMT 262L – Audio for Production Lab**

#### **1.00 credits**

Laboratory activities related to MMT 262. **Corequisite: MMT 262.**

### **MUS 265 – Music for Teachers**

#### **3.00 credit**

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

### **OST 131 - 10 Key Calculators**

#### **1.00 credit**

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.

### **PED 141C – Fundamentals of Healthy Movement**

#### **1.00 credits**

The focus is on increasing core strength and stabilization, muscle balance, tone, coordination, and flexibility. Incorporates non-impact mat exercises designed to develop whole body awareness and control and includes modifications for various fitness levels.

### **PED 181A – Beginning Weight Training**

#### **1.00 credits**

Stresses the proper techniques of weight lifting and the development of muscular strength and endurance. Individual programs developed which allow for body and strength differences and safety in lifting.

### **PED 181B – Intermediate Weight Training**

#### **1.00 credits**

A total body conditioning course that emphasizes intense free weight exercises set to music and incorporates core conditioning. Featured equipment includes dumbbells, body bar, resistance bands, and body weight. Focus placed on proper techniques of weight lifting and the development of muscular strength and endurance. Individual programs developed which allow for body and strength differences and safety in lifting.

### **PED 182A – Beginning Aerobic Fitness**

#### **1.00 credits**

Offers students' knowledge and skills to stay fit for life. Teaches safe performance of movement and exercise in a progressive approach. Includes cardiovascular and muscular endurance, flexibility, and body composition. Aerobic training principles stressed using target heart rate and Borg methods.

### **PED 182C – Beginning Fitness & Walking**

#### **1.00 credits**

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 182R – Fitness and Conditioning for First Responders**

#### **1.00 credits**

This course is designed to provide general fitness training opportunities, guidelines and strategies to prepare first responders for careers in firefighting, law enforcement, and emergency technical services.

### **PED 185Y – Yoga/Pilates Fusion**

#### **1.00 credits**

Introduces the values and skills of Pilates and yoga. Includes basic Pilates and yoga philosophy and exercises for increased flexibility, improved health, relaxation, and reduced stress in daily living.

### **PED 186D – Ballroom Dance I**

#### **1.00 credits**

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.

### **POL 201 – Intro to US Government**

**3.00 credits**

Covers the basic concepts and principles of the American political system. **Recommended: WRI 121 placement.**

### **POL 203 – State and Local Government**

**3.00 credits**

Examines state and local government policy formulation and outcomes on issues ranging from taxation to prisons, and education to environmental concerns. Focuses on Oregon state and local politics. **Recommended: WRI 121 placement.**

### **PSY 101 - Psychology & Human Relations**

**3.00 credits**

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 235 - Human Growth & Development I**

**3.00 credits**

A biosocial study of human development from conception to adolescence. Discusses the biological and social processes, i.e., cognition, personality, emotion, and social, affecting the developing child. Applications to health care, family, and education are discussed.

**Recommended: Previous coursework in psychology.**

### **SPA 101 - First Year Spanish I**

**4.00 credits**

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.

### **SPA 101M - First Year Spanish I**

**5;00 credits**

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.

### **WLD 101 - Welding Processes & Applications**

**3.00 credits**

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 102 – Blueprint Reading**

**3.00 credits**

Covers the language of blueprints including lines, views, dimensioning, print organization, welding symbols, and structural shapes.