

CURRICULUM GUIDE



MAZAMA

HIGH SCHOOL

RELENTLESS PURSUIT OF GROWTH, KNOWLEDGE AND CHARACTER.

2025 - 2026

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DIPLOMA REQUIREMENTS

For a student to earn a standard high school diploma, he/she must pass a minimum of 24 credits as outlined below with the typical course of study. To earn an Honors Diploma, a student must pass a minimum of 28 credits as outlined below, including 8 credits from upper-level courses.

STANDARD DIPLOMA

ENGLISH – 4 CREDITS

- English I – IV or Advanced English I - IV

MATH – 3 CREDITS

- Algebra I, Geometry, Algebra II, or Survey of Math I & II and higher

SCIENCE – 3 CREDITS

- Physical Science, Biology, Chemistry

SOCIAL STUDIES – 3 CREDITS

- Global Studies, U.S. History, Economics & American Government

PHYSICAL EDUCATION – 1 CREDIT

- Lifetime Fitness, PE, or Weights

HEALTH – 1 CREDIT

- Health I or Nutrition & Wellness, Health II, or Lifetime Health & Fitness

FINE/APPLIED ARTS – 3 CREDITS

- Choose from World Languages, Culinary Arts, Business Education, Manufacturing, Automotive, Visual Arts, and Performing Arts

ELECTIVES – 5 CREDITS

- Once you have completed the required credit in each of the above areas of study you will then receive elective credit for additional courses taken. Elective credits can be earned in other areas as well.

PERSONAL FINANCE/SENIOR SEMINAR – 1 CREDIT

- You will complete a Personal Education Plan, Career Related Learning Experiences via 3 Mini Senior Projects

Minimum Credits for Standard Diploma = 24

HONOR DIPLOMA

ENGLISH – 4 CREDITS

- English I – IV or Advanced English I - IV

MATH – 4 CREDITS (or through the equivalent of Precalculus I)

- Algebra I, Geometry, Algebra II, and Precalculus I

SCIENCE – 4 CREDITS

- Physical Science, Biology, Chemistry, and one science credit of choice

SOCIAL STUDIES – 3 CREDITS

- Global Studies, U.S. History, Economics & American Government

PHYSICAL EDUCATION – 1 CREDIT

- Lifetime Fitness, PE, or Weights

HEALTH – 1 CREDIT

- Health I or Nutrition & Wellness; Health II or Lifetime Health & Fitness

FINE/APPLIED ARTS – 3 CREDITS

- 2 of these credits must be from the same World Language, then choose from Culinary Arts, Business Education, Manufacturing, Automotive, Visual Arts, and Performing Arts

ELECTIVES – 7 CREDITS

- Once you have completed the required credit in each of the above areas of study you will then receive elective credit for additional courses taken. Elective credits can be earned in other areas as well.

PERSONAL FINANCE/SENIOR SEMINAR – 1 CREDIT

- You will complete a Personal Education Plan, Career Related Learning Experiences via 3 Mini Senior Projects

Minimum Credits for Honor Diploma = 28*

*See additional requirements on the next page.

ADDITIONAL HONOR DIPLOMA REQUIREMENTS

In addition to the credit requirements listed above, additional requirements are listed below.

- A minimum of 24 graded credits must be graded A-F.
- You must earn a minimum 3.5 cumulative GPA for the first seven semesters
- 8.0 or more credits of the 28 required credits must be in Advanced, Honors, or College Level classes (including those obtained via College Now) as determined by the school. See the table below.

<u>English</u> Advanced English I Advanced English II Advanced English III Advanced English IV	<u>Science</u> Advanced Chemistry Anatomy Forensics Physics	<u>Math</u> Precalculus I & II Calculus I & II Statistics
<u>Social Studies</u> Advanced Psychology American History Honors Justice in America	<u>Honor Electives</u> Accounting I & II Advanced Sculpture Advanced Sports Medicine Advanced Art/Visual Art Advanced Choir (4 th Year Only) Auto 3 & 4 Basin Partners Internship Program Business Leadership III & IV Cadet Teaching III & IV Foreign Exchange Year German III & IV Health Occupations I & II Human Growth & Development Jazz Band (4 th Year Only) Manufacturing III & IV Marketing II Medical Assist Pre-Apprenticeship Metals Manufacturing III Robotics III & IV Spanish III & IV Student Government Officer Supporting Child Development Symphonic Band (4 th Year Only)	

An Honor Diploma is required for all valedictorians and salutatorians. Students interested in working towards an Honor Diploma should contact their counselor. If no student earns an Honor Diploma, Valedictorian and Salutatorian will be determined by GPA only.

COURSE ENROLLMENT GUIDELINES

Students will be enrolled using the following guidelines; these guidelines should be considered the minimum number of courses to be enrolled in:

- 9th Must be enrolled in 7 classes, 7 of which are graded on an A-F system.
- 10th Must be enrolled in 7 classes, 7 of which are graded on an A-F system.
- 11th Must be enrolled in 7 classes, 6 of which are graded on an A-F system.
- 12th Must be enrolled in 5 classes, 4 of which are graded on an A-F system.

DROPPING/ADDING COURSES

Schedules will not be changed for the purpose of changing teachers or periods.

Students will be discouraged from changing their schedules once the semester has begun. Requests for schedule changes will NOT be granted after the first two weeks of the semester. Students dropping a class after the first two weeks will receive an F in the course for the semester. Schedule changes during the first two weeks will only be considered due to:

- a. incomplete schedules
- b. missing core courses
- c. missing courses required for graduation

Schedules that are changed will be done so with consideration for:

- a. placement
- b. class sizes
- c. building procedures
- d. schedule openings

Any exceptions will be determined by the administration.

MAZAMA DIPLOMA TO DEGREE - JUMP INTO BUSINESS

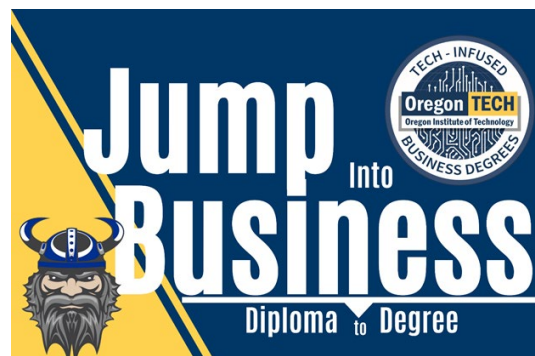


Diploma to Degree is an exciting program connecting student experience in high school to a business management degree at Oregon Tech. Students at Mazama who are active participants in FBLA and take dual credit courses can apply for this accelerated pathway to a college degree. Mazama graduates in the program who enroll in an Oregon Tech Business Management program are eligible to qualify for tuition scholarships for their first and last terms at Oregon Tech. See available programs [HERE](#).

The program guides students into early credit opportunities while at Mazama, resulting in considerable savings of time and money with seamless transfer and zero loss of credit for those who pursue a business degree at Oregon Tech. The ultimate goal of the program is to promote a business foundation, leadership skills, academic preparation, and successful transition into college, regardless of the pathway high school graduates take to the degree of their choice.

Benefits and Requirements of the Participation:

- Participate in Mazama's FBLA club
- Apply for JIB Program Annually (through the club)
- Take at least one Dual Credit Course in high school (Enroll in BUS101 and other dual credit courses that will apply to a college degree program)
- Maintain 3.0 GPA
- Apply and enroll in one of 8 Business Programs at Oregon Tech-See eligible programs <https://www.oit.edu/academics/engineering-technology-management/management>



Completing the above requirements makes you eligible for Oregon Tech's Jump into Business Scholarship - First & Last Term Free!

See *Mazama Courses for Dual Credit* for all the dual credit courses offered at Mazama. If there are any questions, please contact Ms. Taylor or Ms. Xayavong.



Are you interested in becoming a teacher?

SIGN UP FOR OUR TEACHING ELECTIVES

Our education pathway provides the foundation to pursue a teaching degree and/or a career in education after graduation.

SEMESTER 1	SEMESTER 2
S1 OR S2: PARENTING & INDEPENDENT LIVING Grades 9-12: Studies parenting topics such as the growth and development of children. Additional topics include goal setting, decision-making and setting priorities, money and time management, relationships, and the development of the self.	
INTRO TO TEACHING (EDU 200) Grades 11-12: Introduction to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information.	FAMILIES & SCHOOLS (ECE 101) Grades 11-12: The study of influences on children and families which impact child and family behaviors, values, attitudes, beliefs, and morals.
HUMAN DEVELOPMENT (PSY 235 & PSY 236) Grades 11-12: The study of human development from conception to adulthood including physical, cognitive (brain), and social development. Required for teaching and nursing programs.	SUPPORTING CHILD DEVELOPMENT (ECE 103) Grades 11-12: Students will develop knowledge and skills in observing and assessing the growth and behavior of children while completing a child case study.
CADET TEACHING I & II (EDU 280) Grades 11-12: Cadet teaching provides students with work experience in the fields related to education, particularly in the classroom. Students will work daily at a local school under the direct supervision of qualified teachers. Instructor interview required.	
S1 OR S2: LIFETIME HEALTH & FITNESS (HPE 295) Grades 11-12: Sign up for Lifetime Health and Fitness instead of Health II This class also counts as a Health II credit!	
Contact Anna Montell at montella@kcsd.k12.or.us for more information.	

Start the program junior year and graduate from KCC with an Education Pathway Paraeducator Certificate. You will also be eligible to walk at KCC's graduation ceremony!*

JUMPSTART YOUR TEACHING CAREER IN HIGH SCHOOL!

*If you complete the required courses your junior and senior years.

Start your career right after high school.

You can get hired right out of high school! The average salary for educational careers in Oregon is **\$33,470**. Teachers in our district earn more than **\$49,000** their first-year teaching.

You'll save money!

Our free program costs over \$2,500 if taken through KCC after high school (20 college credits earned).



NAME _____

Graduation Year _____

Pathway _____

PATHWAY CHECKLIST: Students must complete 4 credits of courses within their chosen pathway and 8 OIT credits from below (B or higher). Updated 1/9/25

SCIENCE	TECHNOLOGY/ ENGINEERING	MATH	MEDICAL
Chemistry (A/B)	Digital Media 1/2 (A)	Physics (A/B)	Psychology (A)*
Forensics (A/B)	Robotics 2*-3*-4*(A/B)	Pre Cal [^] * (111/112)(A/B)	Advanced Psychology (B)*
Anatomy (A/B)*	Physics (A/B)	Calculus [^] * (251/252)(A/B)	Health Oc 1 [^] (A/B)
Adv Chem (A/B)*	Computer Applications (A) [^]	Robotics 2*/3*/4*(A/B)	Health Oc 2 [^] (A/B)
Physics (A/B)	Auto 2/3/4* (A/B)	Probability & Statistics [^] 243 (A)	Sports Medicine (A) [^]
+Intro to Horticulture (A)	Manufacturing 2/3/4 (A/B)		Adv Sport medicine (B)
+Adv. Animal Science (A/B)	Pre Cal [^] * (A/B)		Anatomy (A/B)*
+Plant Science (A/B)	Calculus [^] * (A/B)		Adv Chem (A/B)*
+taken pre 2024	Manufacturing Metal 2 /3/4 (A/B)		Forensics (A/B)
	Manufacturing Combined 4 (A/B)		Human Growth Development [^] (A)
	Probability & Statistics [^] 243 (A)		Medical Assistant Pre-Apprenticeship (A/B)
			Master Tech (A)
			3 years of HOSA (competing)

(A,B) semester courses

* College credit offered OIT

[^] College Credit offered KCC

STEM&M Graduation Requirements

	1 YEAR	2 YEARS	3 YEARS	4 YEARS
SCIENCE				
MATH				
ENGLISH				
SOCIAL STUDIES				Optional

STEM&M Additional Requirements

STEM&M Points Earn 10 points per year	Sophomore	
	Junior	
	Senior	

STUDENTS WHO FALL BELOW A 3.0 CUMULATIVE GPA WILL BE PLACED ON PROBATION FOR 1 SEMESTER. STUDENTS WHO FAIL TO MAINTAIN A 3.0 AFTER PROBATION WILL BE WITHDRAWN FROM THE STEM&M PROGRAM.

What do students receive from Oregon Tech? = (between \$12,450 - \$18,550)

- First and Last term Oregon Tech tuition remission (\$7900 at current tuition rate)
- 3.76+ GPA or 1180/24 SAT/ACT the \$2000/year Presidential Scholarship*. 3.0 and above will qualify for a minimum of the \$500/year Presidential.
- \$1500 OWLS Scholarship* (must meet eligibility of 8 Oregon Tech STEM Credits with B or better) Must apply.
- \$1000 Klamath County Scholarship* (awarded during admissions process)
- \$50 Application fee waiver (processed during application phase) with coupon code.

Also from Oregon Tech:

- Waive tuition on HST summer courses for incoming juniors and seniors (open seats only). A savings of \$75 - \$584 per 3 credit class.
- HST tuition rate (\$25/credits non-online courses) during Senior Summer before Fall enrollment (confirmed enrollment required).
- Mazama only New Wings (registration) event in each spring to secure seats in Fall courses at Oregon Tech.
- Swag bag upon admission (Admitted by November 1st).
- Potential Oregon Tech Club sponsorship based on membership numbers.
- Preferential access to selective Oregon Tech competitive programs.

*Presidential, OWLS & Klamath County Scholarships are non-refundable, excess funds will not be refunded in cash or cash equivalent.

www.mazamastemm.com

MAZAMA COURSES FOR COLLEGE CREDIT

Mazama Class	College Course	College	Credits
CAREER TECHNICAL EDUCATION/ELECTIVES			
Auto Tech 3/4	AMT 101 Workplace Training Skills AMT 291 Safety and Lubrication	KCC KCC	4 2
Robotics II, III, IV	ENGR 101 Intro to Engineering I ENGR 102 Intro to Engineering II	OIT OIT	2 2
First Aid and Beyond	HEA 252 First Basics & Beyond	KCC	3
Health Occupations I	MDA 101 Medical Terminology MDA 102 Medical Terminology	KCC KCC	3 3
Health Occupations II	HEA 110 Clinical, 110 Lab	KCC	7
Patient Care	MIT 225 Patient Care in Sonography <u>or</u> RDSC 205 Patient Care	OIT OIT	4 4
Cadet Teaching I/II/III/IV	EDU 280 Cooperative Work Experience: Education ECE 280 Cooperative Work Experience: Early Childhood Ed	KCC KCC	2 2
Human Growth and Development	PSY 235 Human Growth & Development I PSY 236 Human Growth & Development II	KCC KCC	3 3
Family and Schools	ECE 101 Child, Family, Community	KCC	3
Intro to Teaching	EDU 200 Intro to Education	KCC	3
Supporting Child Development	ECE 103 Assessment & Evaluation	KCC	3
ENGLISH LANGUAGE ARTS			
Advanced English III	WR 121 English Composition I	KCC	3
Advanced English IV	COM 111Z Speech	KCC/OIT	3
WORLD LANGUAGE			
Spanish III/IV	SPA 101,102,103,201	KCC	16
HEALTH			
Lifetime Health & Fitness	HPE 295 Health & Fitness for Life	KCC	3
Nutrition and Wellness	HPE 225 Nutrition	KCC	3
MATHEMATICS			
Survey of Math I	MTH 098 Introduction to Quantitative Literacy	KCC	4
Survey of Math II	MTH 105 Math in Society	KCC	4
Precalculus I	MTH 111Z Functions	KCC/OIT	4
Precalculus II	MTH 112Z Trigonometry	KCC/OIT	4

Calculus I	MTH 251 Differential Calculus	OIT	4
Calculus II	MTH 252 Integral Calculus	OIT	4
Statistics	MTH 243 Introductory Statistics	KCC.OIT	4
SCIENCE			
Advanced Chemistry S1	CHE 101, 104 Gen Chemistry I	OIT	4
Human Anatomy and Physiology S1	BIO 101, 103 Anatomy and Physiology	OIT	4
Human Anatomy and Physiology S2	BIO 200 Medical Terminology	OIT	2
SOCIAL STUDIES			
American History Honors S1	HST 201 American History & Life	OIT	3
American History Honors S2	HST 202/203 American History & Life	OIT	6
Psychology	PSY 2012 Gen Psychology I	OIT	4
Advanced Psychology	PSY 2022 Gen Psychology II	OIT	4

OREGON PROMISE

The Oregon Promise is a need-based program from the state of Oregon to make community college affordable for all high school graduates. The Oregon Promise assists with tuition costs for up to 12 credits per semester the next year at any community college in Oregon. The requirements to be considered for eligibility for this program are as follows:

- Graduate from an Oregon high school with at least a 2.0 cumulative GPA
- Enroll in an Oregon community college no later than six months after high school graduation
- Complete the FAFSA (Free Application for Federal Aid) and the Oregon Promise Application
- Be an Oregon resident for the 12 months prior to enrolling in the community college.

COURSE DESCRIPTIONS

AGRICULTURE FOOD PRODUCTION & PROCESSING - CAREER TECHNICAL EDUCATION

AGRICULTURE COMMUNICATION & LEADERSHIP

Grade: 10 - 12

Credit: .5

Agriculture Communication & Leadership focuses on the process and functions of communication in interpersonal, small group, interview, and public speaking. Agricultural Leadership helps students develop leadership skills with a focus on opportunities in the food, fiber, and natural resources industries. Students will focus on agriculture issues and leadership development in the national FFA organization. This class will prepare students for further contests and individual excellence.

BBQ SCIENCE

Grade: 10 - 12

Credit: .5

Prerequisite: Food Product Processing I & II

The BBQ Science course is an expansion of the food science program that focuses on the history of barbecue, fuel used for barbecue, cooking methodology, and barbecuing/grilling meats and vegetables. In addition, students will create different types of seasonings and sauces used for grilling and barbecuing.

CULTURAL FOODS PRODUCTION AND PROCESSING

Grades: 9 - 12

Credit: .5

Food Product and Processing courses impart the knowledge and skills needed to produce and manufacture food products for the consumer market. The Cultural Foods Production and Processing course will focus on agricultural practices and issues within cultures around the world and how they relate to food production, world hunger, cultural exploration, and the role

food plays in cultures around the world. This class cannot be repeated for credit.

FOOD PRODUCT PROCESSING I

Grades: 9 - 12

Credit: .5

Food Product Processing courses impart the knowledge and skills needed to produce and manufacture food products for the consumer market. These courses focus on food products while covering a variety of topics, such as quality selection and preservation, equipment care and sanitation, government regulations, marketing, consumer trends, and product research and development. Food Product Processing I will focus on a variety of skills, such as safety and sanitation, equipment care, nutrition, and quality selection and preservation. This class cannot be repeated for credit.

FOOD PRODUCT PROCESSING II

Grades: 9 - 12

Credit: .5

Prerequisite: Food Product Processing I

Food Product Processing courses impart the knowledge and skills needed to produce and manufacture food products for the consumer market. These courses focus on food products while covering a variety of topics, such as quality selection and preservation, equipment care and sanitation, government regulations, marketing, consumer trends, and product research and development. Food Product Processing II will focus on understanding government licensing and regulations, identifying consumer trends and niche marketing, and using research to plan and implement a food production program.

FOOD SCIENCE AND INDUSTRY

Grades: 10 - 12

Credit: 1.0

Prerequisite: Food Product Processing I & II

This course examines specific topics related to producing and processing agricultural products (such as meat cutting), the science behind food production, and product development rather than providing a general study of production and processing. This course will also cover industry topics as they are related to agriculture and food.

PLANT SCIENCE

Grade: 10 - 12

Credit: 0.5

The Plant Science course provides knowledge about the propagation of plants for food and fiber. The course may cover such topics as soil science, irrigation, pest and weed control, food and fiber processing, and farm operations. The course may also cover the knowledge and skills needed to produce all types of crops or may emphasize a particular area of the agricultural industry. This class is responsible for growing produce in the Mazama greenhouse.

ART

INTRODUCTION TO ART

Grade: 9 - 12

Credit: .5

This is an entry level course where students will learn the elements and principles of art through an exploration of 2-to-3-dimensional visual art projects. Students will become familiar with design process and composition, drawing techniques, painting, printmaking, and collage. An emphasis will be placed on gaining and improving visual skills and techniques throughout the semester, along with use of tools and techniques within projects along with demonstrating good craftsmanship. Students will be exposed to a variety of artists, art styles, art

history, art terms, and development of an “artist statement.” Students must earn a C or better to continue the Intermediate Arts course. This class cannot be repeated for credit.

INTERMEDIATE ART

Grade: 9 - 12

Credit: .5

Prerequisite: Introduction to Art or Basic Visual Arts

Intermediate Art is a semester long course. In Intermediate Art, students will concentrate on developing their “own” artistic style and skills through the exploration of mastering different mediums and through creative exploration. Students will have the choice to work either 2-dimensionally or 3-dimensionally. Projects will cover one or several of the following motivations; artists, art history, styles of art or concept of design. Developing and mastering various media and techniques and classroom critique skills will be emphasized through the development of an art journal and themed work for an artist’s portfolio. This class cannot be repeated for credit.

ADVANCED ART

Grade: 10 – 12

Credit: .5

Prerequisite: Intermediate Art or Advanced Visual Arts

In Advanced Art, students will concentrate on developing their “own” artistic style and skills through the exploration of mastering different mediums and through creative exploration. Students will have the choice to work either 2-dimensionally or 3-dimensionally. Projects will cover one or several of the following motivations; artists, art history, styles of art or concept of design. Developing and mastering classroom critique skills will be emphasized through the creation of an artist statement, artist resume and portfolio with post-secondary applications. The course can be repeated

for elective credit with different applications of varied motivations.

BASIC SCULPTURE

Grade: 9 - 12

Credit: .5

This is an entry level course where students will learn the Elements and Principles of Art through the exploration of 3-dimensional art projects. Students will become familiar with a variety of sculpture mediums such as clay, cardboard, found objects, plaster and other mediums as they pertain to project concepts. An emphasis will be placed on gaining and improving visual skills throughout the semester along with the use of art tools and art techniques within projects all with demonstrating good craftsmanship. Students will be introduced to a variety of artists, art styles and art vocabulary along with the development of an artist statement. Students must earn a C or better to continue the Advanced Visual Arts course. This class cannot be repeated for credit.

ADVANCED SCULPTURE

Grade: 9 - 12

Credit: .5

Prerequisite: Basic Sculpture

Advanced Sculpture is a semester long course that can be repeated for credit. In Advanced Sculpture students will continue improving their knowledge and skills in 3-dimensional art forms. Students will concentrate on developing their own artistic style through exploration of medium and creativity. Each project will cover one or several of the following motivations: artists, art history, styles of art, and concept design. Students will work in an art studio environment. Students will be developing and mastering critique skills through the creation of an artist statement, artist resume and portfolio. This class counts towards an Honor Diploma.

AUTOMOTIVE – CAREER TECHNICAL EDUCATION

AUTOMOTIVE TECHNOLOGY 1

Grade: 9 - 12

Credit: .5

This class is the entry level course in the Automotive Technology program for the Klamath County School District. The course is open to boys and girls, grades 9-12, and is one semester in length. The course is designed to introduce students to the world of mechanics, specifically related to the automotive industry. Subjects to be covered in this class include (but are not limited to) the automotive industry (domestic/foreign), basic vehicle assembly and construction, major systems operation, automotive careers and certification, standard shop equipment, shop safety, basic automotive electricity and piston engine design and operation. Students will be introduced to the Skills USA organization. There will be required lab projects/exercises for each unit of study, but actual hands-on lab time will be limited in this course. This class cannot be repeated for credit.

AUTOMOTIVE LIGHT MAINTENANCE & REPAIR

Grade: 9 - 12

Credit: .5

Prerequisite: Auto 1

This class is a follow-up to the Auto 1 in the Automotive Technology program for the Klamath County School District. The course is open to boys and girls, grades 9-12, and is one semester in length. The course is designed to introduce students to the appearance of a well-designed automotive service facility, sources of automotive repair reference material, identifying safety hazards in the automotive workplace, service procedures related to automobiles and equipment, and career options in the automotive repair industry. This class cannot be repeated for credit.

AUTOMOTIVE TECHNOLOGY 2

Grade: 10 - 12

Credit: 1.0

Prerequisite: Auto Tech 1

This class is the second level course in the Klamath County School District's Automotive Technology program. This course is a full year in length. The course is designed to implement some of the basic shop skills and engine operation theory learned in the level one class. The first semester will be used to study small, one cylinder gasoline engines in detail. Each student (or group of students if the class size is large) will be required to complete one approved engine overhaul project. The second semester of the course will cover typical repair shop work, manual and service information systems, car owner/operator responsibilities, periodic maintenance, and basic electricity. This class cannot be repeated for credit.

AUTOMOTIVE TECHNOLOGY 3/4

Grade: 11 - 12

Credit: 1.0

Dual Credit Course: AMT 101, AMT 291 (KCC)

Prerequisite: Successfully complete Auto 2 course (or equivalent), strongly suggest with a C grade or better

This course is a full year in length and meets for one class period per day. If scheduling permits, this course could be offered as a block class of two periods per day. Over a two-year period, this course is designed to give students the opportunity to study automotive engines, power trains and chassis systems in detail. Industry standard tools and equipment will be used to diagnose, service and repair these systems. Effort will be made to simulate automotive service shop operation and students will be encouraged to fill out service repair orders and calculate labor charges for the various jobs completed. While in the program, students at this level will be encouraged to seek employment in the automotive field on a part time basis and

participate in community college 2 + 2. Participation in the Skills USA program is advised. This class cannot be repeated for credit.

BUSINESS – CAREER TECHNICAL EDUCATION

ACCOUNTING I

Grade: 10 - 12

Credit: 1.0

Dual Credit Course: BUS 111 via College Now (KCC)

Accounting I is an elective course intended for students to learn the fundamental steps of the accounting cycle broken down into simple, easy to understand processes. The course covers the basic procedures used to operate and manage a business's financials, including accounting for different types of businesses, such as proprietorships, partnerships, and corporations. Computers will be used to complete exercises, and additional instructional materials will be provided to help reinforce key concepts.

BUSINESS LEADERSHIP I, II, III, IV

Grade: 10 - 12

High School Credit: 1.0

Business Leadership is a course designed to equip students with the skills needed to manage and lead in a business environment. Students will explore key concepts in leadership, communication, decision-making, and team dynamics while gaining experience in managing real-world business operations. In this course, students will have the opportunity to run a retail operation through Mazama High School's student store, the Viking Pit Stop, and gain leadership experience by taking on officer roles and planning FBLA chapter activities. The course will focus on leadership curriculum, organizing fundraising events, planning chapter activities, and fulfilling FBLA officer responsibilities.

COMPUTER APPLICATIONS

Grade: 9 - 12

High School Credit: .5

Dual Credit Course: CAS 133 via College Now (KCC)

Students will develop essential skills in key software tools used in the business world, including Microsoft Office Suite and Google Suite. The course will focus on creating documents, working with data, making presentations, and collaborating using online tools. In addition, students will work on improving typing speed and accuracy. Through hands-on projects and activities, students will practice creating professional documents, organizing spreadsheets, and presenting data.

INTRODUCTION TO BUSINESS

Grade: 9 - 12

Credit: .5

Dual Credit Course: BUS 101 via College Now (KCC)*

This course provides a foundational understanding of the world of business. It is ideal for students in grades 9-10. Students will explore the basic principles of business, including entrepreneurship, marketing, management, and finance. Through engaging lessons and hands-on activities, students will learn about business operations, how companies are structured, and the role of business in society. By the end of the course, students will have a clear understanding of how businesses function and will gain skills that will help them in future academic pursuits or personal ventures.

MARKETING I

Grade: 9 - 12

Credit: .5

Dual Credit Course: BUS 101 via College Now (KCC)

Students will learn the basics of marketing and how companies connect with customers. Students will explore how businesses create products, set prices, promote their goods, and choose the best places to sell them. Students will discover how to understand

what people want and how companies use different strategies to meet those needs. Through fun activities, group work, and real-life examples, students will see how marketing affects everything from ads to social media and beyond. By the end of the course, students will have a solid understanding of how marketing works and why it is important in our everyday lives. This course is perfect for students interested in business, advertising, or working in creative industries.

MARKETING II

Grade: 10 - 12

High School Credit: .5

Dual Credit Course: BUS 223 via College Now (KCC)

Prerequisite: Marketing I

Students will build on Marketing I concepts, focusing on marketing strategies across various industries, including sports and entertainment. Key topics include the 4 P's (price, product, place, promotion), target markets, market segmentation, branding, advertising, promotional strategies, and more. Students will apply these concepts to real-world examples through hands-on projects, group activities, and analysis of current trends, gaining a practical understanding of how major events and campaigns are marketed to a wide audience. The course also explores careers in marketing and related fields, with a focus on sports and entertainment roles.

PERSONAL FINANCE/SENIOR SEMINAR

Grade: 12

High School Credit: 1.0

Dual Credit Course: BUS 218 via College Now (KCC)

Personal Finance and Senior Seminar are designed to help senior students develop tools, identify interests, and hone skills to be successful after graduation from Mazama High School. This course uses a four-pronged approach:

- Personal Finance develops financial literacy as it relates to the student's personal life and post-high school plans. Topics covered may include saving, budgeting, debit/credit, taxes, insurance, investing, and more.
- Career Readiness encourages students to explore different career options and prepare to get/keep a job through writing a resume and cover letter, gathering references, practicing interview responses, and completing an application.
- Students will explore and develop a post-high school plan. Students will complete the FAFSA, Oregon Promise Application, listen to guest speakers, seek scholarship opportunities, etc.
- Students will complete three mini senior projects that are self-directed, provide personal growth, and be career oriented. Through the mini senior projects, students will have the chance to react to something they learned about themselves, others, job skills, communication, and collaboration, overcoming conflict, and a change in attitude or about life.

By the end of the Personal Finance/Senior Seminar experience, via steps outlined above, students will be well on their way to taking the next step in their post-high school journey!

EDUCATION – CAREER TECHNICAL EDUCATION

CADET TEACHING I/II/III/IV

Grade: 11 - 12

Credit: .5 (May be repeated for credit)

Dual Credit Course: EDU 280 (KCC) & ECE 280 (KCC)

Prerequisite: Ed Pathway & Transportation

Cadet Teaching provides students with work experience in fields related to education, particularly the classroom. Students will work daily at a local school under the direct supervision of

qualified staff. Goals are typically set cooperatively by the student and teacher, and students will receive training and career experience in teaching, record keeping, materials development and evaluation techniques. These courses may include classroom activities involving further study of the field or discussion regarding experiences that students encounter in the classroom. Students are responsible for their own transportation to and from their teaching site.

FAMILY AND SCHOOLS (S2 only)

Grade: 10 - 12

Credit: .5

Dual Credit Course: ECE 101 (KCC)

This course is 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, peers, school, media impacts, community ecology and public policy. This class cannot be repeated for elective credit.

HUMAN GROWTH AND DEVELOPMENT (S1 only)

Grade: 11 - 12

Credit: .5

Dual Credit Course: PSY 235 (KCC), PSY 236 (KCC)

This course is a study of human development from conception to adulthood. It 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 emphasizing the application of this knowledge in childcare settings. This class cannot be repeated for elective credit.

INTRO TO TEACHING (S1 only)

Grade: 10 - 12

Credit: .5

Dual Credit Course: EDU 200 (KCC)

This course introduces the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. Students will examine daily experiences in the schools. It 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. This class cannot be repeated for elective credit.

PARENTING/INDEPENDENT LIVING

Grade: 9 - 12

Credit: .5

Parenting and Independent Living studies the growth and development of children, and parenthood. Additional topics include goal setting, decision-making and setting priorities, money and time management, relationships, and the development of the self. This class cannot be repeated for elective credit.

SUPPORTING CHILD DEVELOPMENT (S2 only)

Grade: 11 - 12

Credit: .5

Dual Credit Course: ECE 103 (KCC)

Students will gain expertise in observing and evaluating the growth and behavior of children. This class involves students to complete a child case study. Throughout the semester, weekly field trips will be organized during class time to a local elementary school. During these visits, students will engage in mentoring sessions with elementary school students, actively applying their observational skills to complete a comprehensive case study on each elementary student. This practical approach allows students to delve into the significance of developmentally appropriate

practices (DAP), assessment methods, and documentation, all while exploring the roles adults play in supporting children's development. Through this immersive experience, students will not only learn but also actively apply observation techniques in a real-world context in real classrooms. This class cannot be repeated for elective credit.

ENGLISH LANGUAGE ARTS (ELA)

ENGLISH I

Grade 9

Credit: 1.0

English I students will demonstrate competency in a variety of language arts skills which align with the Common Core State Standards (CCSS) for English Language Arts. These standards encompass four strands: Reading, Writing, Language, and Speaking & Listening. Students will have a variety of opportunities to demonstrate competency in all four strands through the study of a variety of literary and informational texts, standard English conventions, and SAT vocabulary, as well as characteristics of speech techniques. In addition, students will write frequently, focusing on development of skills in expository, argumentative, and literary analysis. Students will be introduced to research skills using MLA/APA formatting and will have multiple opportunities to prepare for their essential skills assessments, which must be passed for graduation.

ADVANCED ENGLISH I

Grade 9

Credit: 1.0

Prerequisite: Application

This course is for students who are college-bound and/or have a special interest in language arts. This course will move at a faster pace than regular English I and include more rigorous curriculum. In addition to preparing students for Advanced English II, students will study a variety of literary and

informational text, standard English conventions, and SAT vocabulary, as well as characteristics of quality speaking and listening. In addition, students will write frequently, focusing on development of skills in expository, argumentative, and literary analysis. Students will be introduced to research skills using MLA/APA formatting and will have multiple opportunities to prepare for their essential skills assessments, which must be passed for graduation.

ENGLISH II

Grade 10

Credit: 1.0

This course builds on the skills developed in English I, and students will continue to integrate literature, writing and oral language in pursuing acquisition of the skills required for English Language Arts CCSS. Students will have opportunities to improve their essential skills for reading and writing by completing work samples. Students will write in various modes, such as expository and narrative. In addition to preparing for college demands, students will study vocabulary and literary terminology, novels, and other literary forms.

ADVANCED ENGLISH II

Grade: 10

Credit: 1.0

Prerequisite: Successful completion of English I, Application

This course is for students who are college-bound and/or have a special interest in language arts. In addition to preparing students for Advanced English III, students will be studying SAT vocabulary and literary terminology, novels, and other literary forms. Students will write in various modes, such as expository, narrative and research.

ENGLISH III

Grade: 11

Credit: 1.0

English III is designed to improve writing and reading skills in preparation for the state assessment. Emphasis is placed on developing an argument with evidence and support, while attending to the norms of standard English conventions. In addition, students will read and analyze literature of American authors and improve public speaking skills. Finally, students will complete coursework derived from the CCSS.

ADVANCED ENGLISH III

Grade: 11

Credit: 1.0

Dual Credit Course: WRI 121 (KCC)

Prerequisite: Successful completion of English I & II, Application

This course is for students who are college-bound and/or have a special interest in language arts. Advanced English III offers a more rigorous curriculum than English III because it includes dual credit through Klamath Community College for Writing 121. Students will study literature, vocabulary, grammar, and conventions in addition to the WRI 121 curriculum. This course is a prerequisite for Advanced English IV if students elect to take dual credit for Speech 111 in that course.

ENGLISH IV

Grade: 12

Credit: 1.0

English IV is a full-year course required for all senior students. This course is designed to introduce students to literature from Britain, including Shakespeare and Jonathan Swift. Students will read and analyze texts, author essays, study grammar conventions, and engage in discussions related to literature and how it connects to the present day.

Language, reading, speaking, and writing skills will be integral parts of the curriculum.

ADVANCED ENGLISH IV

Grade: 12

Credit: 1.0

Dual Credit Course: COM 111 (KCC)

Prerequisite: Successful completion of English I, II, III; Application; KCC requires pre-req of WRI 121 for COM 111

Advanced English IV is a full-year course open to senior students who wish to earn college credit while simultaneously covering the English IV requirement. This course is designed to give the student the opportunity to earn college credit through KCC in SPE 111. Students will learn how to write argumentatively, using solid arguments and evidence, will learn to publicly speak with emphasis on content, organization, and with speaker adjustments to various situations and modes. Students will refine their skills in proper documentation style and rhetorical devices. The standards and materials for this course will be of college level, and only students with excellent writing skills should enroll. To prepare students for the demands of college writing, they will author various essays, both timed inside of class and untimed outside of class.

HEALTH

HEALTH I

Grade: 9

Credit: .5

Health I is designed to motivate the student toward healthy living and making responsible choices. Wellness deals with nutrition awareness, fitness, understanding of body systems, and remaining tobacco and substance free. The course should help the students to understand the personal needs of all people and the pressure exerted on them by many groups. Health education helps everyone to

develop and use a valuing system through the gathering of health-related information, verifying the source of the information, and analyzing the message the student received from the information.

HEALTH II

Grade: 11

Credit: .5

Prerequisite: Plan for or successful completion of Health I

Health II emphasizes a wellness lifestyle. A comprehensive sex education unit will inform students on making positive choices and the negative ramifications of making poor decisions. Students will learn the reproductive systems, the concepts of pregnancy, birthing procedures, parenting, sexually transmitted infections, including HIV-AIDS, birth control methods, and some early childhood problems and diseases. There will also be a focus on healthy living which will involve depression management and living alcohol and drug free.

LIFETIME HEALTH & FITNESS (CTE)

Grade: 10-12

Credit: 0.5

Dual Credit Course: HPE 295 (KCC)

Prerequisite: Successful completion of Health I or Nutrition and Wellness

The Lifetime Health and Fitness course integrates various health education topics, encompassing areas such as nutrition, stress management, substance abuse prevention, and sexual health. In addition to theoretical knowledge, the course incorporates an active fitness component to emphasize the significance of adopting lifelong wellness habits. The curriculum aims to equip students with practical skills and knowledge that can contribute to their overall well-being and establish a foundation for lifelong health habits. This course is designed to be a core Health II credit for our Health Occupations and Education Pathway

students. Upon successful completion, students may earn 3 credits from KCC and their required MHS Health II credit. This class cannot be repeated for elective credit.

NUTRITION AND WELLNESS (CTE)

Grade: 9-12

Credit: .5

Dual Credit Course: HPE 225 (KCC)

This course offers a comprehensive exploration of the impact of nutrition, wellness, sleep, physical fitness, stress, and cardiovascular health on an individual's overall health, well-being, and longevity. Students delve into the principles of healthy living, emphasizing responsible decision-making, understanding body systems, and maintaining a tobacco and substance-free lifestyle. The curriculum includes a thorough sex education component. The goal of the course is to enhance students' understanding of personal boundaries, promote the achievement and maintenance of healthy mental health, and equip them with the skills to set and attain personal goals. This course is designed to be a core Health I credit for our Health Occupation students. Upon successful completion, students may earn 3 credits from KCC and their required MHS Health I credit. This class cannot be repeated for elective credit.

HEALTH OCCUPATIONS – CAREER TECHNICAL EDUCATION

FIRST AID AND BEYOND

Grade: 10 - 12

Credit: .5

Dual Credit Course: HEA 252 (KCC)

This class is a prerequisite to the MHS Health Occupations CTE program. Throughout the semester, students will learn to identify, prevent, and respond as a single rescuer to pre-hospital medical emergencies and as a member of a rescue team to respond to disasters. This class will focus on

personal safety, cardiac emergencies, sudden illnesses, and sudden injuries.

Upon completion of this class, students will not only receive MHS credit but will have the opportunity to receive KCC credit in preparation for post-high school employment and/or training. College credit is only awarded to students who successfully pass the class and knowledge tests. In addition, this class will provide career readiness by providing the opportunity to obtain one certificate of completion and two certifications which can be used for any career/training opportunity but are mandatory for any career/training in medicine, fire, rescue, and/or public safety (police/military).

INTRODUCTION TO HEALTH OCCUPATIONS

Grade: 9 – 12

Credit: .5

This course serves as a comprehensive introduction to the healthcare industry, providing students with a foundational understanding of clinical procedures and preparing them for active participation in future Health Occupations classes. Through career exploration, students gain insight into the diverse opportunities within healthcare. The curriculum covers aspects of healthcare career fields that can be pursued at the higher education institutions located here in Klamath Falls; Klamath Community College (KCC) and Oregon Institute of Technology (OIT). During career exploration, multiple immersive field trips will be taken to both KCC and OIT during the semester to provide students with first-hand experience of college campuses and what is offered at both schools. Emphasis on professionalism is also explored throughout the semester including perfecting handshakes, self-introductions, creating resumes, and participating in mock interviews. HIPPA and Vital Signs are also taught and practiced. This class cannot be repeated for elective credit.

HEALTH OCCUPATIONS I

Grade: 11 – 12

Credit: 1.0

Dual Credit Course: MDA 101, 102 (KCC)

Prerequisite: Successful completion of two of the following courses: First Aid and Beyond, Intro to Health Occ, or Sports Medicine, strongly suggest with a C or better in each class

Health Occupations I is tailored for students to delve into diverse healthcare occupations and discover their areas of interest. Emphasizing common medical terminology, including word roots, prefixes, and suffixes, the course also covers the intricacies of various body systems, disease pathology, and diagnostic procedures for different medical conditions. Clinical rotations at SkyLakes Medical Center are required and completed during class time; each week students get to choose which department in the hospital they would like to shadow a Health Care professional in. This class cannot be repeated for elective credit.

HEALTH OCCUPATIONS II / CERTIFIED NURSING ASSISTANT I

Grade: 12

Credit: 1.0

Dual Credit Course: HEA 110: 110 Clinical, 110 Lab (KCC)

Prerequisite: Successful completion of Health Occupations I, strongly suggest with a C or better; admittance is determined by the program administrators at KCC

The CNA program at KCC is approved by the Oregon State Board of Nursing and will be instructed by a Registered Nurse. Upon successful completion of the program, students are eligible to take the Oregon Certified Nursing Assistant examination, leading to certification as a nursing assistant in the state of Oregon. Graduates can pursue immediate employment at hospitals or extended care facilities.

The class sessions will occur two to three times a week, totaling no more than twelve hours per week throughout the academic year. Additionally, there will be occasional meetings on Saturdays or Sundays. Strict attendance standards are enforced, and students must adhere to these standards to complete the course. Transportation to and from the program is the responsibility of the students. This class cannot be repeated for elective credit.

MEDICAL ASSISTANT PRE-APRENTICESHIP

Grade: 12

Credit: 1.0

Dual Credit Course: To Be Determined

Prerequisite: Successful completion of Health Occ I, strongly suggest with a C or better

A comprehensive introduction to the field of medical assistance, preparing them for future success in healthcare settings. Medical Assistants play a crucial role in the healthcare industry by performing a wide range of administrative and clinical tasks. This course is a pre-apprenticeship program that equips students with the foundational knowledge and practical skills necessary for a successful career in the dynamic and rewarding field of Medical Assisting. Clinical rotations are required and completed during class time. However, in some cases, time outside of class may be needed to complete clinical hours. This class cannot be repeated for elective credit.

SPORTS MEDICINE

Grade: 10 - 12

Credit: .5

Dual Credit Course: HPE 131 (KCC)

Prerequisite: Health 1 or Nutrition and Wellness, strongly suggest with a C or better

Sports Medicine equips students with the necessary knowledge and abilities to comprehend and execute first aid/CPR skills essential for various roles in the medical field. A CPR/AED certification is part of the curriculum and will include skills checks aligning

with the American Heart Association standards. Additionally, the course focuses on skills specified by athletic or fitness trainers and physical therapists. The curriculum covers a range of topics, including taping and bandaging, correct application of protective padding, treatment modalities, anatomy and physiology, and medical terminology. Advanced subjects may encompass injury assessment, healing phases, and the utilization of exercise and equipment for the rehabilitation of injured athletes. This class cannot be repeated for elective credit.

ADVANCED SPORTS MEDICINE

Grade: 10 - 12

Credit: .5

Prerequisite: Successful completion of Sports Medicine, strongly suggest with a C or better

The Advanced Sports Medicine course expands the essential knowledge for athletic and fitness trainers. It covers managing inventory, athlete care, and various topics such as pre-participation exams, conditioning, nutrition, sports psychology, and advanced areas like injury assessment, taping, bandaging, treatment modalities, and considerations for environmental conditions. Additionally, the course addresses pre-existing medical conditions impacting athletes' well-being and performance. Upon successful completion, students may earn NASM Certified Personal Trainer (CPT) certification. This class cannot be repeated for elective credit.

MANUFACTURING & WELDING - CAREER TECHNICAL EDUCATION

MANUFACTURING TECH I

Grade: 9 - 12

Credit: .5

This is an exploratory course designed to introduce students to basic tasks and tools that are common in the woods class. The course is designed to expose

students to and allow them to experience entry-level responsibilities in woodshop operation, woodworking, general carpentry, operating nomenclature, shop procedures, cutting wood, and building simple projects. Basic shop safety is emphasized. Subjects to be covered include wood/carpentry shop safety, hand tools, limited power tools, measuring/measurements, building materials, cutting, and a series of simple hands-on projects. General math skills, which include using fractions, decimals, and measurements, will be reviewed and practiced in a way that is useful in a construction environment. Students will be introduced to the use of the CNC machines and laser cutting. This class cannot be repeated for elective credit.

MANUFACTURING TECH II

Grade: 10 - 12

Credit: 1.0

Prerequisite: Successful completion of Manufacturing I, strongly suggest with a C or better

Manufacturing II is the second course in the Mazama Manufacturing program and is designed to implement the basic tasks and skills learned in the Manufacturing I class. The course is open to all students, grades 10-12, and is one year in length and will introduce these advanced students to actual tools and processes used in the construction field. Safe and efficient usage of common power tools and correct selection/use of measuring tools will be the equipment focus for the year. Students will create projects in a CAD program and produce them on a CNC plasma, CNC router, or a laser cutter. In addition, students will work in work crews and will design and mockup floor framing, wall and ceiling framing, roof framing, and trim. There will be significant lab work in this class, but to work in the lab, students must pass all safety tests required for power tools and shop equipment. This class cannot be repeated for elective credit.

MANUFACTURING TECH III

Grade: 11 - 12

Credit: 1.0

Prerequisite: Successful completion of Manufacturing II, strongly suggest with a C or better

Manufacturing III is an advanced course in the that is designed to allow students to design and build live projects for customers, school, and others. Students will create projects using CAD programs and use the CNC plasma and router table. They will also use the laser cutter for projects. The metal lathe will be used to make smaller projects. Also included will be maintenance and repair (as needed) of shop equipment and power tools. This class cannot be repeated for elective credit.

MANUFACTURING TECH IV

Grade: 11 - 12

Credit: 1.0

Prerequisite: Successful completion of Manufacturing III or Metals Manufacturing III, strongly suggest with a C or better

Manufacturing IV is the advanced course in the Manufacturing program. This class is designed to allow students to design and build live projects for customers, school, and others. Students will create projects using CAD programs and use the CNC plasma and router table. They will also use the LASER cutter for projects. The metal lathe will be used to make smaller projects. Students will also improve their welding skills at these two levels. Also included will be maintenance and repair (as needed) of shop equipment and power tools. After completing all 4 levels of manufacturing at Mazama, students should be able to look for employment in the manufacturing field or attend college in this type of field. This class cannot be repeated for elective credit.

METALS MANUFACTURING TECHNOLOGY I

Grade: 9-12

Credit: 1.0

This course introduces students to the qualities and applications of various metals and the tools used to manipulate and form metals into products. Through one or more projects involving metals, students are introduced to planning, layout, and measurement skills; gain experience in cutting, bending, and/or welding metal; complete projects according to plans; and learn to polish and finish metals. Correct use of metalworking tools and equipment is stressed. This class cannot be repeated for elective credit.

METALS MANUFACTURING TECHNOLOGY II

Grade: 10-12

Credit: 1.0

Prerequisite: Successful completion of Metals Manufacturing II, strongly suggest with a C or better

This course builds on the foundations of Metal Manufacturing I. Students will continue to gain knowledge in of the properties, uses and applications of various metals, skills in various processes used to join and cut metals, and experience in identifying, selecting, and rating appropriate techniques. This class cannot be repeated for elective credit.

METALS MANUFACTURING TECHNOLOGY III

Grade: 11-12

Credit: 1.0

Prerequisite: Successful completion of Manufacturing III, strongly suggest with a C or better

This course is an advanced course in metals manufacturing. Students refine their skills in planning, layout, measurement, cutting, bending, and welding metal. They will complete complex projects according to plans, including polishing and finishing. Correct use and maintenance of

metalworking tools and equipment is stressed. This class cannot be repeated for elective credit.

WELDING

Grade: 9 - 12

Credit: .5

Prerequisite: Successful completion of Manufacturing I, strongly suggest with a C or better

Welding courses enable students to gain knowledge of the properties, uses, and applications of various metals, skills in various processes used to join and cut metals (such as oxyacetylene, shielded metal, metal inert gas and tungsten arc processes), and experience in identifying, selecting, and rating appropriate techniques. Welding courses often include instruction in interpreting blueprints or other types of specifications. Manufacturing welding covers flat and horizontal positions with oxygen-acetylene welding (OAW), stick (SMAW), Mig (GMAW) on mild steel. In addition, Tig (GTAW) welding will be performed on aluminum and mild steel. Students will also learn how to cut mild steel with a plasma torch and the oxygen-acetylene torch. This class cannot be repeated for elective credit.

MATHEMATICS

ALGEBRA I

Grade: 9 - 12

Credit: 1.0

Algebra is designed to introduce the student to basic algebraic concepts, abstract quantities, and equation solving. Emphasis is placed on proper organization in problem solving and use of basic mathematical language.

GEOMETRY

Grade: 9 - 12

Credit: 1.0

Prerequisite: Plan for or successful completion of Algebra I

This course introduces the logic of a deductive system combined with applications in two- and three-dimensional models. A thorough integration of algebra is used throughout. Combines high level algebra concepts with geometrical applications.

ALGEBRA II

Grade: 10 - 12

Credit: 1.0

Prerequisite: Successful completion of Algebra I and Geometry S1.

Beginning as a comprehensive review of algebra with expanded problem sets, this course utilizes the deductive system of proof in algebraic format. Prerequisite for all college level math classes.

PRECALCULUS I & II

Grade: 11 - 12

Credit: 1.0

Dual Credit Course: MTH 111Z, 112Z (KCC/OIT)

Prerequisite: Strongly suggest a C or better in Algebra II. Placement preference will be given to Seniors.

This course builds a solid foundation in algebra and trigonometry, preparing students for other courses such as calculus, business calculus, and finite mathematics. They will use their knowledge to model and solve authentic real work problems. The student can receive Math 111 and Math 112 credits for this class.

CALCULUS I

Grade: 12

Credit: .5

Dual Credit Course: MTH 251 (OIT)

Prerequisite: Strongly suggest a C or better in Precalculus

This course is designed for the college-bound student who has shown considerable talent in mathematics. It is intended for use by those students who plan to continue their study of mathematics, whether in the direction of the physical sciences or the social sciences. It is designed to give the student that extra head start in college.

CALCULUS II

Grade: 12

Credit: .5

Dual Credit Course: MTH 252 (OIT)

Prerequisite: Strongly suggest a C or better in Calculus I

This course is designed for the college-bound student who has shown considerable talent in mathematics. It is intended for use by those students who plan to continue their study of mathematics, whether in the direction of the physical sciences or the social sciences. It is designed to give the student that extra head start in college.

STATISTICS

Grade: 11 - 12

Credit: .5

Dual Credit Course: MTH 243 (KCC/OIT)

Prerequisite: Strongly suggest a C or better in Precalculus I

This is the first course focusing on the interpretation and communication of statistical concepts. Topics such as data analysis, descriptive statistics, sampling methods, distributions, and probability/correlation are introduced. Technology will be used when appropriate. This is an excellent

course for students who plan to major in psychology, business, or medical fields.

PERFORMING ARTS

MUSIC APPRECIATION

Grade: 9 - 12

Credit .5

Prerequisite: None

This course strives to make music come alive through active listening and the recognition of basic elements of music. The course allows students to explore and create their own musical expression while gaining appreciation for and understanding of music through history and around the world. This course cannot be repeated for elective credit.

CHOIR

Grade: 9 - 12

Credit 1.0

Prerequisite: None

Choir is a full-year course open to all students with an interest in vocal music. This course is designed to provide the student with an opportunity to develop music skills and a knowledge of music. The students are expected to perform at each concert.

ADVANCED CHOIR

Grade: 9 - 12

Credit: 1.0

Prerequisite: Audition with instructor

Advanced Choir is a full-year course, open by audition only, to students with an avid interest in vocal music. This course is designed to give the students an opportunity to perform with an advanced select group. This course will include a specific set of choral literature demonstrating advanced skills and knowledge of music, choral and vocal techniques, period styles, and good singing quality. The students are expected to perform at each concert and at the Southern Oregon Choral District Competition.

CONCERT BAND

Grade: 9 - 12

Credit: 1.0

Prerequisite: Previous instrumental experience

This course is designed to provide students with an opportunity to develop their individual musical skills with a focus on marching band. This course is for developing musicians with the goal of earning placement in Symphonic Band. Students are expected to perform at all performances.

SYMPHONIC BAND

Grade: 9 - 12

Credit: 1.0

Prerequisite: Audition with instructor

Some emphasis will be placed on marching and pep band, but concert preparation is the primary focus of this class. Students are selected by auditions for Symphonic Band. The courses are designed to provide students with an opportunity to perform band music while developing skills in musical discrimination, creativity, interpretation, style, and compositional techniques. Students are expected to perform at all performances.

JAZZ BAND

Grade: 9 - 12

Credit: 1.0

Prerequisite: Audition with instructor

The instrumentation consists of saxophones, trumpets, trombones, piano, guitar, bass guitar, and drums. While this course is designed as an entry level course for no previous jazz experience and offers them an opportunity to perform in a wide variety of jazz idioms while developing skills in improvisation, musical discrimination, interpretation, and compositional techniques, admission is determined by audition. Students are expected to perform at all concerts and festivals.

THEATER WORKSHOP

Grade: 9 - 12

Credit: .5

This course is designed to provide the student with the opportunity to explore the world of theater, with the emphasis on beginning acting, directing, and technical skills. Real-life skills such as collaboration, problem solving, confidence, and creativity will be linked with this class's curriculum. Each semester will be devoted to the study of several areas of theater which may include scene/monologue study, theater lit/history, directing, script writing, or other related subjects, as well as some type of performance project, in which participation is required. This class may be taken for an unlimited number of credits.

PHYSICAL EDUCATION

LIFETIME FITNESS

Grade: 9-12

Credit: .5

This course is designed as a low-impact physical education course. It is an opportunity for everyone, regardless of fitness levels, to enjoy and achieve the benefits of an active lifestyle. The activities include team, dual, and individual games and sports at a low-impact to moderate level. Activities are geared to improving a person's cardiovascular endurance, flexibility, and body composition. It is designed to inspire an active lifestyle in the future.

PHYSICAL EDUCATION

Grade: 9 - 12

Credit: .5

The high school physical education program aids the student's development to his/her fullest potential in physical growth, neuro-muscular development, emotional control, and social awareness. The physical education program attempts to help students understand the value of maintaining physical fitness through planned activities. The

student will develop an understanding of lifetime recreational activities and the importance of fitness to combat the ill effects of the sedentary, inactive lifestyle, which accompanies spare time.

WEIGHT TRAINING

Grade: 9 - 12

Credit: .5

The emphasis of this class is to teach proper lifting techniques, mechanics, flexibility, and proprioception. This class focuses on the Olympic-style lifts as well as supplementary exercises. Students will learn to use their bodies while getting stronger and more flexible. Students will also do some yoga and stretching to supplement all the lifting they will be doing. We will occasionally play some games and team sports.

SCIENCE

ASTRONOMY

Grade: 10 - 12

Credit: .5

Prerequisite: Pass both Semesters of Biology, upper class students will be given seating priority.

Astronomy is designed to help students understand the stars, planets, galaxies, and nebula. The student is introduced to astronomical history, celestial motion, chemical analysis, and the basic principles of stellar and galactic evolution. This class cannot be repeated for elective credit.

BIOLOGY

Grade: 9 - 12

Credit: 1.0

Prerequisite: 9th Grade students must have completed an Honors Class Application.

The students will be exposed to the major facets of biology, embryology, genetics, systematic, anatomy and physiology of life, techniques of dissection, and ecological awareness.

CHEMISTRY

Grade: 10 - 12

Credit: 1.0

Prerequisites: Strongly suggest students have passed Algebra I with a C or better.

This course is designed to increase the student's knowledge and understanding of foundational scientific concepts such as properties of matter, atomic structure, chemical bonding and reactions, stoichiometry, phase changes, properties of gases and solutions, and acids and bases, as well as other selected topics. General Chemistry is a lab-oriented course and requires the frequent use of Algebra. This course should be taken by students who wish to continue their education beyond high school or students who have a strong interest in science.

ADVANCED CHEMISTRY S1

Grade: 11 - 12

Credit: .5

Dual Credit Course: CHEM 101, 104 (OIT)

Prerequisite: Strongly suggest student has passed both semesters of Chemistry with a C or better

This course is designed for students who have already passed General Chemistry. Students will acquire a greater depth of knowledge in topics such as atomic structure, chemical bonding, reactions, acid/base chemistry as well as other topics. This is an introductory level college level course intended to give students the ability to pursue higher level chemistry courses in medical and engineering fields. There is also a lab component with this course.

ADVANCED CHEMISTRY S2

Grade: 11 - 12

Credit: .5

This course is also called "Qualitative Analysis." It is an entirely lab-based course designed to teach common lab techniques such as separating mixtures, testing pH, documenting results, and identifying unknown ions within a solution. Students are graded on their technique and

accuracy of results. Students will use their knowledge of solubility, chemical reactions, acids and bases, and ionic bonding.

FORENSICS

Grade: 11 - 12

Credit: 1.0

Prerequisite: Pass both Semesters of Biology

Forensics is applying scientific principles to reconstruct past events within legal situations. This course utilizes the scientific fields of physics, chemistry, biology, psychology, mathematics, and earth sciences to apply these principles to solve simulated crimes. There is a wide array of hands-on activities and lab-based experiences to simulate real world situations. Students will often work with different classmates in teams; focused collaboration is vital to success. This class cannot be repeated for elective credit.

HUMAN ANATOMY AND PHYSIOLOGY

Grade: 11 - 12

Credit: 1.0

Dual Credit Course: Bio 101, 103, BIO 200 (OIT)

Prerequisite: Strongly suggest student has passed Chemistry with a C or better

Human Anatomy and Physiology provides an understanding of the structure and function of the ten life systems of the human body. Students may take a full year or a single semester. In S1, students will study integumentary, cells, and bones and muscles. In S2 students will learn cardiovascular, respiratory, digestive, endocrine, lymphatic, urinary, and reproductive systems. This course involves field trips to local health professionals, dissections, and projects to enhance learning.

OREGON SCIENCE

Grade: 10 - 12

Credit: .5

Prerequisite: Pass both semesters of Biology, upper class students will be given seating priority

Oregon Science is a course geared towards science specifically related to the great state of Oregon.

Oregon meteorology, geology, ecology, environmental science, aquatic/marine biology, and current scientific research will be covered. This class cannot be repeated for elective credit.

PHYSICAL SCIENCE

Grade: 9

Credit: 1.0

This course is designed to provide a foundation in all aspects of high school science, develop a science vocabulary, develop safe laboratory practices, and learn good hands-on procedures in studying the process of science.

PHYSICS

Grade: 11 - 12

Credit: 1.0

Prerequisites: Strongly suggest student has passed, or is concurrently enrolled in, Math 111, 112

Physics is a laboratory-oriented science course concerned primarily with explaining the behavior and interrelationships of matter and energy in the universe. The course emphasizes physical principles, historical background, and practical application. Topics include velocity, acceleration, forces, motion, gravity, optics, and electricity.

SOCIAL STUDIES

AMERICAN HISTORY HONORS

Grade: 11 - 12

Credit: 1.0

Dual Credit Course: HST 201, 202, 203 (OIT)

Prerequisite: Successful completion of Global/World Studies, strongly suggest with a B or better

American History Honors is a full-year course open to students who have completed World History and have well-developed reading habits and writing skills. This course is designed to provide the college-bound student with learning experience equivalent to that obtained in a college. The course covers the full range of American history from the colonial period to the modern day, giving the student background knowledge and academic skills necessary for entrance to intermediate college work. This class fulfills the American History requirement for graduation. College credit may be earned.

ECONOMICS

Grade: 12

Credit: .5

Economics is the study of how individuals and nations make choices about ways to use their scarce resources to fill their wants and needs. Economists study the choices that must be made about how to use limited resources, when, for what purposes, by whom, and for whom. In this course, we hope to explore the difference between microeconomics and macroeconomics, considering two important reasons for its study. The first had to do with our role as citizens and voters and the second is related to personal economic matters. Our study will help us to understand why economic problems occur, and how to reduce their effects.

GLOBAL STUDIES

Grade: 10

Credit: 1.0

This course will develop the student's understanding of the economic, political, and social development of world regions through the study of history, geography, and recent events. Areas of focus will include Africa, Asia, Latin America, Middle East, Russia, Eastern Europe, and Western Europe.

GOVERNMENT

Grade: 12

Credit: .5

Prerequisites: Global Studies, US History

The purpose of this course is to introduce the foundations and institutions of American federal, state, and local governments. More specifically, the course will focus on ideology, constitutions, federalism, and the three branches of government. Further, it aims to develop skills and abilities in analyzing and evaluating issues and public policies in American politics. On the one hand, these courses want to stimulate interest in American politics and impart tools that can be of use to all students of politics. On the other hand, this course hopes to develop critical, (that is, analytical) citizens, so that each of us will have examined reasons for the choices we make as we act in the public interest for the common good.

U.S. HISTORY

Grade: 11

Credit: 1.0

American History will develop the students' understanding of the economic, political, and social history contributing to American life as we know it today.

WORLD LANGUAGES

GERMAN I

Grade: 9 - 12

Credit: 1.0

German I is designed to teach the skills of listening, speaking, reading, and writing in German, with special emphasis on personal communication. Cultural aspects of German-speaking countries are introduced. Students are required to pass with a C or better to continue. This class cannot be repeated for elective credit.

GERMAN II

Grade: 10 - 12

Credit: 1.0

Prerequisite: Successful completion of German I

German II is a full-year course designed to further develop the four basic skills of communication: listening, speaking, writing, and reading in German. Emphasis is placed on travel communication skills. Students are required to pass with a C or better to continue. This class cannot be repeated for elective credit.

GERMAN III

Grade: 11 - 12

Credit: 1.0

Prerequisite: Successful completion of German I & II

This course emphasizes continued speaking, listening, reading, and writing proficiency in the target language; additionally, students study grammar, vocabulary, culture, geography, and history of German speaking countries. Level three students should be able to converse in the novice-level of ACTFL guidelines and read and write at an intermediate-low level. This class cannot be repeated for elective credit.

GERMAN IV

Grade: 12

Credit: 1.0

Prerequisite: Successful completion of German I, II & III

This course emphasizes continued speaking, listening, reading, and writing proficiency in the target language; additionally, students study grammar, vocabulary, culture, geography, and history of German speaking countries. Level four students should be able to converse in the intermediate low level of ACTFL guidelines and read and write at an intermediate-mid level. This class cannot be repeated for elective credit.

INTRODUCTION TO SPANISH

Grade: 9 – 12

Credit: 0.5

This course provides students with an introduction to the Spanish language and the culture(s) of Spanish-speaking people, placing greater emphasis on speaking and listening skills while de-emphasizing writing and reading that language.

SPANISH I

Grade: 9 - 12

Credit: 1.0

Spanish I is designed to teach the skills of listening, speaking, reading, and writing in Spanish, with special emphasis on personal communication. Cultural aspects of Spanish-speaking countries are introduced. This class cannot be repeated for elective credit.

SPANISH II

Grade: 10 - 12

Credit: 1.0

Prerequisite: Successful completion of Spanish I, strongly suggest with a C or better

Spanish II is a full-year course designed to further develop the four basic skills of communication: listening, speaking, writing, and reading in Spanish.

Emphasis is placed on grammar and communicating in the past. Students are required to pass with a C or better to continue. This class cannot be repeated for elective credit.

SPANISH III

Grade: 11 - 12

Credit: 1.0

Dual Credit Course: SPA 101, SPA 102 (KCC)

Prerequisite: Successful completion of Spanish I & II

This course is a dual-credit course and emphasizes continued speaking, listening, reading, and writing proficiency in the target language; additionally, students study grammar, vocabulary, culture, geography, and history of Spanish speaking countries. Level three students should be able to converse in the novice-high level of ACTFL Proficiency Guidelines and read and write at an intermediate-low level. This class cannot be repeated for elective credit.

SPANISH IV

Grade: 12

Credit: 1.0

Dual Credit Course: SPA 103, SPA 201 (KCC)

Prerequisite: Successful completion of Spanish I, II, & III

This course is a dual-credit course and emphasizes continued speaking, listening, reading, and writing proficiency in the target language; additionally, students study grammar, vocabulary, culture, geography, and history of Spanish speaking countries. Level four students should be able to converse in the intermediate low level of ACTFL guidelines and read and write at an intermediate-mid level. This class cannot be repeated for elective credit.

ELECTIVES

AVID

Grade: 9-10

Credit: 1.0

The AVID course focuses on teaching students the skills, behaviors, and beliefs necessary for academic success. Students will learn WICOR strategies, including communication, organization, and comprehension strategies necessary for college and career success.

COLLEGE NOW

Grade: 11 - 12

Credit: 1.0

Dual Credit Course: CGS 100 (KCC)

College Now offers rising juniors and seniors the opportunity to take credit courses at Klamath Community College for FREE! Students will receive a KCC ID and have access to all the facilities KCC has to offer. When KCC starts their Fall, Winter, or Spring terms, students will register for new classes each term and will participate in online classes. Students can choose their classes and create their own schedule. Enrolling in College Now requires sixth AND seventh periods. This program gives students the opportunity to begin their college education at no cost.

CONTEMPORARY ISSUES

Grade: 10 - 12

Credit: .5

This is a citizenship course designed to help students become more aware of their surroundings in the contemporary world. Topics for discussion include local, national, and international current issues. Contemporary Issues are designed to help students gain background knowledge about an issue and be exposed to all points of view. Access to current materials such as radio, television, magazines, etc., is a necessity for the course. Students need daily exposure to current happenings as reported by the media. Students will identify the

relationships of the complex society in which we live today. They will also be able to identify the origin and resolution of conflicts at all levels and understand how compromises are achieved. Hopefully, the students will be able to apply this learning to future contemporary issues which will confront the young adult.

CREATIVE WRITING

Grades: 10 - 12

Credit: .5

Prerequisite: C or better in English is strongly suggested

Creative Writing is a semester long course open to sophomores through seniors who have a genuine interest in expanding their writing, especially creatively. Students will read model pieces such as short stories and poetry and then analyze the author's purpose and style choices to implement those choices in their own creative writing pieces. Students will write poetry, short stories, and various other pieces practicing the use of figurative language, literary devices, and various other writing strategies. This is an elective class and cannot be repeated for elective credit.

DIGITAL MEDIA

Grades: 9 - 12

Credit: .5

Digital Media is an elective course where students will learn a variety of technological applications that they can apply to their academics, daily life, and future careers. The course will be taught in a hybrid setting using face-to-face instruction and online instruction using an LMS. Students will learn web design, coding, digital photography/videography, game design, how to make a positive online presence, along with other technologies. This is an elective class. This class cannot be repeated for elective credit.

DIGITAL MEDIA II

Grades: 9 - 12

Credit: .5

Prerequisite: Successful completion of Digital Media

Digital Media II is an elective course where students will apply learning from the previous course to their own projects. Students will study technology concepts at a greater depth and focus on an avenue they would like to pursue. Digital Media II will let students design a project of their choice focusing on coding, digital photography, graphic design, or videography. This course will also help students develop practical technology skills through the use of Google Applied Digital Skills platform. Students will also research innovators.

JOURNALISM

Grades: 9 - 12

Credit: 1.0

Prerequisite: Strongly suggest a C or better in English

This yearlong course is designed for students who want to learn the art and craft of reporting, writing, editing, photographing, and documenting news which is relevant to our student body and our surrounding community. Students will learn the elements of news and the different forms of journalistic writing. They are expected to complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and the AP Stylebook so that they can be published via Mazama media. Lessons about the history of journalism, press law, and ethics will complement this course. Students will become analytical consumers of media and technology to enhance their communication skills; they will have the opportunity to use computer-aided publishing tools and other hands-on production tools. Students will also learn about design, advertising, time

management and teamwork and will also be exposed to the creation of Mazama's Yearbook, Valhalla. All students must be able to cover events outside of school hours and be responsible for equipment, including cameras. This class is a prerequisite for the Yearbook class. This class cannot be repeated for elective credit.

JUSTICE IN AMERICA

Grade: 11 - 12

Credit: .5

This class provides 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.

PSYCHOLOGY

Grade: 11 - 12 (10th if in STEM&M)

Credit: .5

Dual Credit Course: PSY 201 (OIT)

Psychology is designed to develop knowledge about the basic foundations of human behavior. This is accomplished through class discussions, lectures, filmstrips, movies, and guest speakers. College credit may be earned. This class cannot be repeated for elective credit.

ADVANCED PSYCHOLOGY

Grade: 11 - 12 (10th if in STEM&M)

Credit: .5

Dual Credit Course: PSY 202, 203 (OIT)

Prerequisite: Successful completion of Psychology, strongly suggest with a C or better

Advanced Psychology will focus on psychological problems, which change human behavior individually and socially. Identification and remedies for behavior problems will be studied. College credit

may be earned. This class cannot be repeated for elective credit.

ROBOTICS I

Grade: 9 - 12

Credit: 1.0

In the first semester students will build a stock robot and use C++ programming to compete in challenges and competitions. In the second semester students will design and build their own robot and compete in a variety of challenges. This class cannot be repeated for elective credit.

ROBOTICS II/III/IV

Grade: 10 - 12

Credit: 1.0

Dual Credit Course: ENGR 101, 102 (OIT)

Prerequisite: Successful completion of the prior level of Robotics

Students will design, build, and program their own robots to do complex challenges. Students will attend statewide competitions, as well as mentor younger students with building and programming of their robots. Travelling for competitions requires meeting eligibility requirements through grades and attendance.

STUDENT AIDE PROGRAM

Grade: 11 - 12

Credit: .5

Prerequisite: Instructor approval, maximum of six semesters combined

Students will receive a P/Passing or F/Failing grade. Credit will be awarded for "P" grades.

Teacher Aide: Students must have instructor approval to be a classroom aide. This course is designed to give the student an opportunity to assist the teacher in regular classroom duties.

Office Aide: This course is designed to give the student the opportunity to work in an office situation. The student will develop skills in a variety of office procedures. Students must receive the

approval of the office. Students may only be a TA once per year and only be an OA once per year.

STUDENT GOVERNMENT

Grade: 9 - 12

Credit: 1.0 (May be repeated for credit)

Prerequisite: Elected to office or committee

This course is for elected Associated Student Body Officers. Student government will allow ASB officers to learn the procedures of running an effective student government. It will also provide time for the members of the class to carry out our student council activities.

U.S. HISTORY THROUGH FILMS

Grades 10-12

Credit: .5

This course is designed to study history through multiple media outlets. The use of film will be analyzed from a critical perspective and will provide students with an alternative understanding of history. Students will explore historical topics and periods using films, outside readings, lectures, class discussions, and analytical essays to provide a diverse level of learning and understanding.

WORK EXPERIENCE

Grade: 11 - 12

Credit: .5 (May be repeated for credit)

Prerequisite: Instructor approval

Work Experience is an elective course open to working junior and senior students who have demonstrated regular school attendance and satisfactory grades. The program is intended to give students the chance to explore employment opportunities in the student's area of career interest. Jobs held by the students must not be prohibited or hazardous as deemed by the Bureau of Labor and Industries. Students must work at least 10 hours per week for 180 hours per semester. The student must receive at least minimum wage and required taxes and insurance must be deducted.

Students who fail Work Experience cannot register for the course next semester. Students will receive a P/Passing or F/Failing grade. A student may earn only 2 credits for graduation from Work Experience or Career Exploration.

YEARBOOK

Grades: 10 - 12

Credit: 1.0

Prerequisite: Strongly suggest a C or better in English and have participated in a yearlong Journalism course at Mazama or Brixner in a past school year

Yearbook is a yearlong course designed for the production of the Valhalla yearbook. This class plans, arranges, organizes, and assembles the yearbook. Students are required to participate in all fund-raising activities, including the sale of advertising during the school year. Students are expected to be proficient writers and display an interest in the school and a passion for journalistic pursuits. The most important skills for this class are time management and organizational ability. Students should be able to devote at least one hour a week of out-of-class time to their yearbook responsibilities. Students will learn to speak publicly with emphasis on content and organization through informative, demonstrative, and persuasive speeches. It is expected that all students be able to cover events outside of school hours and be responsible for Yearbook equipment.

