

MAZAMA HIGH SCHOOL

2017—2018



CURRICULUM GUIDE

Inspiring Today's Students To Meet Tomorrow's Challenges

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GRADUATION REQUIREMENTS

For a student to earn a Mazama High School diploma, he/she must pass a minimum of 18.5 credits of required courses, 5.5 credits of elective courses, complete a senior project, and meet or exceed Oregon Essential Skills in all three areas.

CREDITS

ENGLISH - 4
MATH - 3
SCIENCE - 3
SOCIAL STUDIES - 3
PHYSICAL EDUCATION - 1
HEALTH - 1
FINE/APPLIED ARTS - 3

Senior Project/Oral Board - .5

- Personal Education Plan
- Career Related Learning Experiences
- Extended Application/Senior Project

Essential Skills Proficiency:

Must meet English/ Language Arts Smarter Balanced Assessment or have 2 passing work samples in reading, and 2 passing work samples in writing. Must meet Math Smarter Balanced Assessment or 2 work samples.

Minimum Required Credits 18.5

Minimum Elective Credits 5.5

Minimum Credits for

Graduation = 24

English:

4 credits are required in this course of study. Adv English III must be applied for during a student's sophomore year. Adv English IV must be applied for during the student's junior year.

Math:

3 credits are required in this course of study. Must all be Algebra 1 or higher.

Science:

3 credits are required in this course of study. Students will either start their sequence with Physical Science or Biology. We encourage all students to earn 4 credits of science.

Social Studies:

3 credits are required in this course of study. Additionally, 1 credit of senior seminar is required.

Physical Education/Health:

1 credit of PE, and 1 credit of Health are needed. Students take Health 1 during their Freshmen year and Health 2 during their Junior year.

Fine/Applied Arts:

3 credits are required in this course of study to be selected from the following course areas: Foreign Languages, Culinary Arts, Business Education, Manufacturing, Automotive, Visual Arts, and the Performing Arts.

Electives:

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

General Scheduling Information

Registration 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 7 classes, 6 of which are graded on an A-F system.

Dropping/Adding Courses

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 three weeks will receive an F for the semester. Schedule changes during the first two weeks will be considered based on:

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

Any exceptions will be determined by the administration.

**Mazama High School's
ASPIRE Program**

**Coordinator- Jon Johnson
Call or text 541-281-0143
ASPIRE Room 63**

ASPIRE is the state of Oregon's official mentoring program to help students access education and training beyond high school. Students receive information about college options, admissions, and financial aid from trained, supportive, ASPIRE volunteer mentors who work one-on-one with them throughout the year.

**More information can be found at:
<http://oregonstudentaid.gov/aspire.aspx>**



Klamath County Honor Diploma

Mazama High School

REQUIREMENTS

- ❑ 28 credits minimum
- ❑ Minimum 24 graded credits
- ❑ District diploma requirements met
- ❑ 3.5 cumulative GPA (first seven semesters)
- ❑ 4.0 credits math, Algebra 1 & higher
- ❑ 4.0 credits science
- ❑ 2.0 credits in Foreign Language
- ❑ 8.0 or more credits (from below list) in Advanced, Honors, or college level classes.

The following courses qualify towards a Mazama High School Honor Diploma.

<u>English</u> Adv English II Adv English III Adv English IV	<u>Science</u> Adv Chemistry Physics Anatomy Forensics	<u>Math</u> Honors Alg 1/2 Honors Geometry Math 111/112 Math 251/252 Math 105
<u>Social Studies</u> American History Honors Justice in America Adv Psychology	<u>Fine and Applied Arts</u> Health Occupations 1/2 Accounting 1/2 German 3/4 Spanish 3/4 Manufacturing 3/4 Business Leadership I/II Adv Business Leadership I/II College Now Auto 3/4 Robotics 2/3/4	

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



NAME _____ Graduation Year _____ Pathway _____

PATHWAY CHECKLIST : Students must complete 4 credits of courses within their chosen pathway.

SCIENCE	TECHNOLOGY/ENGINEERING		MATH	MEDICAL
Chemistry	Video Production 1/2 (A)	Manufacturing 3	Personal Finance (A) ^	Ethics (A)
Forensics (A/B) *	Robotics 1	Manufacturing 4	Physics (A/B)	Psychology (A)*
Anatomy (A/B)*	Robotics 2/3/4*	Physics (A/B)	Statistics*	Advanced Psychology (B)*
Adv Chem (A/B)*	Computer Applications (A)^	Pre Cal^*	Pre Cal^*	Health Oc 1^
Physics (A/B)	Engineering Design (A)*	Calculus^*	Calculus^*	Health Oc 2^
Ethics (A)	Drafting (B)*	Ethics (A)	Drafting (B)*	Sports Medicine (A)*
Horticulture	Auto 3/4*		Robotics 3/4*	Anatomy (A/B)*

(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
WORLD LANGUAGE			Optional	Optional

STEM&M Additional Requirements

TAKE SAT OR ACT	Date:	Score:
3.0 CUMULATIVE GPA CHECK		
FRESHMAN	Application	Spring
SOPHOMORE	Winter	Spring
JUNIOR	Winter	Spring
SENIOR	Winter	Spring

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.

Information/Contact/Mentor

Optional : Summer OIT Coursework - Junior Summer		
Optional: Pathway Real World Experience - Senior Summer		
Senior STEM&M Project		

Advising Dates										
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www.mazamastemm.com

MAZAMA COURSES FOR COLLEGE CREDIT

MAZAMA CLASS	COLLEGE TITLE	COLLEGE	CREDITS
LANGUAGE ARTS			
Advanced English III	WR 121 English Composition 1	KCC/OIT	4
Advanced English IV	ENG 104 Fiction Short Stories ENG 105 Drama Plays	KCC KCC	3 3
MATHEMATICS			
Math 111	MTH 111 College Algebra	KCC/OIT	5/4
Math 112	Math 112 College Algebra	KCC/OIT	4
Math 105	MTH 105 Statistics I	OIT	4
Math 251	MTH 251 Differential Calculus	OIT	4
Math 252	MTH 252 Integral Calculus	OIT	4
SCIENCE			
Advanced Chemistry (Sem 1)	CHE 104 Gen Chemistry I	OIT	5
Human Anat & Phys (Sem 1)	BIO 103 Anatomy and Physiology	OIT	4
Human Anat & Phys (Sem 2)	BIO 200 Medical Terminology	OIT	2
Forensics	BIO 207 Biomedical	OIT	4
SOCIAL STUDIES			
Honors Amer Hst Sem 1	HST 201 Amer History & Life	OIT	4
Honors Amer Hst Sem 2	HST 202/203 Amer History & Life	OIT	8
Psychology	PSY 201 Gen Psychology I	OIT	3
Advanced Psychology	PSY 202 Gen Psychology II	OIT	3
Government (Patzke only)	POL 201 Intro to Government	OIT	3
Economics	EC 202	OIT	3

BUSINESS			
Accounting I	BUS 111 Intro to Accounting	KCC	4
Accounting II	BUS 211 Principles of Accounting	KCC	4
Adv Word Processing	CAS 216 Word Processing	KCC	3
Introduction to Business	BUS 101 Intro to Business	KCC	4
Computer Applications	CAS 133 Intro Computer Applications	KCC/OIT	4/3
College Now	CGS 100 College Survival and Success	KCC/OIT	3
FOREIGN LANGUAGE			
German III, IV	GER 101, 102, 201, 202	KCC	16
Spanish III/IV	SPA 101,102,201,202	KCC	16
HEALTH SCIENCES			
Health Occupations 1	MDA 101 Medical Terminology	KCC	3
	MDA 102 Medical Terminology	KCC	3
Sports Medicine	HED 240 CPR	OIT	1
CAREER EDUCATION			
Auto	AMT 301 Workplace Training	KCC	3
	AMT 287 Automotive Repairs	KCC	4
Pro Start Foods	CUA 101 Intro to Food Service	KCC	2
	CUA 102 Safety & Sanitation	KCC	2
	CUA 103 Kitchen Pro Skills	KCC	2
Engineering 1	ENGT 101 Engineering Tech	OIT	2
Drafting	ENGR 101 Intro to Engineering	OIT	2
	ENGR 102 Intro to Engineering II	OIT	2
	Drafting CE 203 Engineering Graphics	OIT	3
Robotics 1	TBD	OIT	
Robotics 2/3/4	TBD	OIT	

Oregon Promise

The Oregon Promise is a new program that the state of Oregon is launching to make community college affordable for all high school graduates. The Oregon Promise pays for all of the tuition costs for next year at any community college in the state of Oregon. The requirements to be eligible for this program are as follows:

- Graduate from an Oregon high school with at least a 2.5 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).
- Be an Oregon resident for the 12 months prior to enrolling in the community college.

Advanced Diploma Program (ADP)

The Advanced Diploma Program is available to all Mazama Seniors who meet all of the requirements for graduation. Students who choose to take part in ADP attend one free year (three terms) at Klamath Community College. While students are enrolled at KCC they are still considered Mazama High School students because they do not receive their diplomas until they either finish, or choose to leave the program. The program is funded through the Klamath County School District and the state of Oregon. This program could potentially include all tuition, fees, and books at KCC. In addition, students have access to extra support and counseling throughout their first year of community college. Students must apply for the Oregon Promise to be eligible for the Advanced Diploma.

ART

PRACTICAL APPLIED ARTS

Grade: 9 - 12

Credit: .5

This is a course that addresses the difference between “art” and “crafts”. In this course students will explore various types of crafts as they relate to the Principles of Art along with culture and society. Students will learn the “how-to-do” basics of several craft forms such as: stenciling, weaving, book making, fabric dying, mosaic tiling, glass etching and macramé. An emphasis will be placed on craftsmanship and pride in one’s product or work.

BASIC 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 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 an “artist statement”. Students must earn a C or better to continue on to the Advanced Visual Arts course.

ADVANCED VISUAL ARTS

Grade: 10 - 12

Credit: .5

Prerequisite: Basic Art

Advanced Visual Arts is a semester long course that can be repeated for credit. In Advanced Visual Arts, students will continue improving their knowledge and skill in two 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 or 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.

BASIC SCULPTURE: 3D

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 along with demonstrating good craftsmanship. Students will be introduced to a variety of artist, art styles and art vocabulary along with the development of an “artist statement”. Students must earn a C or better to continue on to the Advanced Visual Arts course

ADVANCED SCULPTURE : 3D

Grade: 9 - 12

Credit: .5

Prerequisite: Basic Sculpture 3D

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 3D 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 or concept design. Students will work in an art studio environment. Students will be developing and mastering critique skills through the creation of an artist statements, artist resume and portfolio.

Class fee: \$10.00

BUSINESS

WORD PROCESSING

Grade: 9 - 12

Credit: .5

This course will help students develop speed and accuracy on the keyboard. After taking this class, students will be able to finish school work faster and with much less stress! Students will learn how to create documents such as academic style reports and a resume, along with other valuable business skills. Students will also get some great career information to start them thinking about their career.

ADV WORD PROCESSING

Grade: 9 - 12

Credit: .5 Dual Credit Course - CAS 216

Prerequisite: Word Processing

A semester course involving use of the more advanced features of Microsoft Word: borders, shading, tables, mail merge, auto-text, auto-correct and Word Art. Students will work to increase their keyboarding speed and accuracy. Students will develop entry-level skills for employment. College-bound students will find this course especially helpful.

COMPUTER APPLICATIONS

Grade: 9 - 12

Credit: .5 Dual Credit Course - CAS 133

Prerequisite: Word Processing recommended but not required.

This course is for students who enjoy working with computers. Units will provide an introduction to Excel, PowerPoint, Publisher, and researching on the Internet. If you plan to go to college, this class is a must!

ACCOUNTING I

Grade: 10 - 12

Credit: 1.0 Dual Credit Course - BUS 111

Prerequisite: Grade C or better in math

Accounting prepares students to major in business in college or use their skills to go to work. Students learn how to keep business records. Computers will be used to complete some exercises. If students are planning on majoring in business in college or running their own business, this class is highly recommended.

ACCOUNTING II

Grade: 11 - 12

Credits: 1.0 Dual Credit Course - BUS 211

Prerequisite: Accounting I, Instructor approval

This one-year course is designed for the college bound student who intends to seek further study in accounting or business administration. It strengthens the student's background in basic accounting principles and introduces them to concepts applied in managerial, financial, and cost accounting. This class is offered as an independent study class and is only for students who are able to understand concepts and work individually.

BUSINESS SKILLS

Grade: 11 - 12

Credit: .5

A semester course designed as a finishing course for those students who wish to work in a business-related field and for students who plan to major in business in college. Learn skills to list on a resume! Students will practice making management decisions, learn the 10-key pad on the computer, create professional resumes and cover letters, prepare for scholarship and job interviews, and practice dining etiquette.

INTRODUCTION TO BUSINESS

Grade: 9 - 12

Credit: .5 Dual Credit Course - BUS 101

This course will introduce you to the world of business. You'll learn concepts that will apply to other business classes you may take in high school and college. Basic marketing and management units will be included. Understanding how business functions and operates will help you in your own personal life and even set a foundation for owning and operating your own business.

BUSINESS LAW

Grade: 10 - 12

Credit: .5

This class is designed to give students a brief introduction to civil and criminal law. Guest speakers, field trips, and a mock trial will give students an insight into law-related careers, contracts, and how law relates to business ownership. Members of the Future Business Leaders of America will prepare to compete by taking the on-line FBLA test in business law.

BUSINESS LEADERSHIP I/II & ADVANCED BUSINESS LEADERSHIP I/II

Grade: 10 - 12

Credit: .5

May be repeated for credit

Prerequisite: Instructor approval

Students will be on the officer team or working on team projects for state competition. Students will work independently on FBLA projects.

ADVANCED DESKTOP PUBLISHING

Grade: 10 - 12

Credit: .5

May be repeated for credit

Prerequisite: *Instructor approval*

Individualized program for students to work on computer projects. New concepts will be presented and previously learned skills will be applied. Students will also take on tasks from staff/office at the school.

COLLEGE NOW

Grade: 11 - 12

Credit: .5 Dual Credit Course -CGS 100

How does this sound...morning classes at Mazama and afternoon classes at KCC...all for free?? Students will spend part of their time in Mazama's College Now course earning credit from KCC for College Survival and Success. When KCC starts in the fall and spring, students will go there in the afternoons for a class of your choice. You have the potential to earn six college credits each semester, and it's all free. This course requires periods 6 and 7.

CULINARY ARTS

FOODS 1

Grade: 9 - 12

Credit: .5

May not be repeated for credit.

Foods is designed to teach the students

the importance of nutrition, the name of ordinary kitchen equipment, cooking terminology, and the skills of selecting recipes, preparing dishes, table setting, and attractive serving. Nutritional emphasis is placed on the food pyramid guide

Lab Fee \$10.00

CULTURAL FOODS

Grade: 9 - 12

Credit: .5

May not be repeated for credit

Cultural Food studies how climate, natural resources, geography, and heritage affect the culture of a group of people in a particular area and their food choices. Emphasis is placed on food through the ages, family culture, and the different regions of the United States and of the world. Cuisines of a particular region are investigated and the preparation of regional dishes is performed.

Lab Fee \$10.00

FOODS 2 (ADV FOODS)

Grade: 9 - 12

Credit: .5

May be repeated for credit

Prerequisite: Foods 1 with a C or better.

Advanced Foods is designed for the student who has demonstrated special interests and creativity in the preparation of foods in Foods 1. Food buying, importance of reading labels and nutrition will be the focus of this class. Nutritional emphasis is placed in the food pyramid.

Lab Fee \$10.00

PRO START FOODS 1

Grade: 10 - 12

Credit: 1.0

Prerequisite: Foods 1 and Foods 2.

With a C or better

The two year program introduces students to concepts not found in more traditional programs. Topics covered are customer relations, accounting, food cost controls, and marketing. The program is for students who think that they would like to become a chef or to own their own restaurant.

ProStart 1 will cover customer relations, preparing and serving of foods, kitchen basics, nutrition, breakfast foods, salad and garnishes, as well as business math and controlling food costs.

Lab Fee \$20.00

BAKING

Grade: 10 - 12

Credit: 1.0

Prerequisite: Foods 1 and Foods 2 with a C or better

This course will focus on the common items found in any bakery or pastry shop. Muffins, quick breads, coffee cakes, and donuts will be explored. Pie dough, puff pastry, pate a choux, short dough, and Danish dough will be taught and several items will be created from each. Pies, tarts, cookies, and common bakery items will also be created. Students will be introduced to various ingredients such as nuts, chocolates, and fruits; they will be taught how, when, and why to use them. Students will be taught how to properly measure ingredients. Recipe conversions will also be covered. The history of bread making will be explored as well as the creating of many classical items from several cultures around the world. The class will largely focus on the organized process of preparing dough. Mixing, shaping, proofing, baking, and storing are critical steps that will be explored.

Lab Fee \$20.00

CULINARY LEADERSHIP

Grade 10 - 12

Credit: .5

Prerequisite: Foods 1 and instructor approval

Culinary Leadership is designed to assist students interested in pursuing a career in the culinary industry. Topics covered include customer service, hospitality and culinary careers, food preparation for catering events, safety and sanitation, event planning and menu development. This is a semester-long course that must be taken after successfully passing at least Foods. Special consideration is given to teamwork, communication and career related skills of meeting deadlines, responsibility and reporting to work on time.

ENGLISH LANGUAGE ARTS (ELA)

ENGLISH I

Grade 9

Credit: 1.0

English 9 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 competence in all four strands through the study of 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 and literary analysis. Students will be introduced to research skills using MLA 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

Prerequisite: English I

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 CCSS English Language Arts. Students will have opportunities to meet 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 the demands of college, students will be studying SAT vocabulary and literary terminology, novels and other literary forms. At the conclusion of this course, students may apply to the Advanced English program.

ADV ENGLISH II

Grade 10

Credit: 1.0

Prerequisite: English I, teacher recommendation.

This course is for students who are college-bound and/or have a special interest in language arts. In addition to preparing students for Adv English III, students will be studying SAT vocabulary and literary terminology, novels and other literary forms. Students will have opportunities to meet their essential skills for reading and writing by complete work samples. Students will write in various modes, such as expository, narrative and research. The course is a prerequisite for Adv English III.

ENGLISH III

Grade: 11

Credit: 1.0

Prerequisite: English I & II

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 major American authors and improve public speaking skills. Finally, students will complete coursework derived from the CCSS to prepare them for the Smarter Balance Assessment (Computer Adaptive English Assessment and the Performance Test.)

ADV ENGLISH III

Grade: 11

Credit: 1.0 Dual Credit Course - WR121

Prerequisite: Admittance determined by application, teacher recommendation, and GPA.

This course is for students who are college-bound and/or have a special interest in language arts. Adv English III offers a more rigorous curriculum than English III because it includes dual credit through KCC in both Writing 121. Students will write summary essays, complete research for an annotated bibliography and a research based essay, as well as other writings. This course is a prerequisite for Adv English IV.

ENGLISH IV

Grade: 12

Credit: 1.0

Prerequisite: English 9, 10 & 11

English IV is a full-year course open to 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, write essays, study grammar conventions, and engage in discussions related to literature and how it connects to today. Throughout the year students will complete the written elements of the Senior Project. Language, reading, speaking and writing skills will be integral parts of the curriculum.

ADV ENGLISH IV

Grade: 12

Credit: 1.0 Dual Credit Course - ENG 104, ENG 105

Prerequisite: C or better in Adv English 11 and teacher recommendation.

Adv English IV is a full-year course open to senior students with a genuine interest in studying literature and with superior ability in writing expository prose. This course is designed to give the student the opportunity to earn college credit through KCC in English 104 and English 105. Students will learn how to write argumentatively, using solid arguments and evidence, will read and discuss poetry, drama, novels and short stories of both British and other world authors of all time periods. Students will refine their skills in proper documentation style as well as the use of rhetorical devices. The standards and materials for this course will be of college level, and only students with excellent writing skills should enroll. Students will complete the Senior Project. To prepare students for the demands of college writing, they will write various essays, both timed inside of class and untimed outside of class.

YEARBOOK

Grades: 9 - 12

Credit: 1.0

Prerequisite: C or better in English

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. This class offers real-life experience dealing with businesses, deadlines, money, and heavy responsibility. This is a worthwhile experience.

MATHEMATICS

ALGEBRA 1

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.

HONORS ALGEBRA 1/2 - HONORS GEOMETRY

Grade: 9 - 12

Credit: 2.0

Prerequisite: Instructor recommendation

This course is designed to support those students who can accelerate through the mathematics curriculum at a pace which will allow them to take Math 251 & 252 during their senior year. Will complete the equivalent of Algebra 1 & 2, and Geometry in a 2 year span. Must maintain a C or better to remain in the class.

GEOMETRY

Grade: 9 - 12

Credit: 1.0

Prerequisite: Pass Algebra 1 both semesters as a 9th grader or all others must complete a full year of Algebra 1

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 2

Grade: 10 - 12

Credit: 1.0

Prerequisite: Algebra 1 and Geometry. To be enrolled in Alg. 2 the student must have successfully completed one full year of Alg 1 AND one semester of Geometry.

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.

MATH 105 (Stats - Semester 1 only)

Grade: 11 - 12

Credit: .5 Dual Credit Course - MTH 105

Prerequisite: Pass Algebra 2, or Honors Algebra 2 semester 2. Math Department approval.

Covers concepts of elementary probability, frequency distributions and their graphs, probability distributions, descriptive statistics, confidence interval estimation, and interpretation of statistical results.

MATH 111 (Pre-Calculus)

Grade: 10 - 12

Credit: .5 Dual Credit Course -MTH 111

Prerequisite: B or higher in Algebra 2 or Honors Math track, or a C or higher in Math 105. Math Department approval. Placement preference will be given to Seniors, then Juniors with a Honors 2 grade lower than a B. It is strongly encouraged that incoming Juniors with a B or better enroll in Math 111/112.

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 has an opportunity to receive Math 111 and Math 112 credit for this class.

MATH 112 (Pre-Calculus - Semester 2 only)

Grade: 10 - 12

Credit: .5 Dual Credit Course - MTH 112

Prerequisite: B or higher in Algebra 2 or Honors Math track, or a C or higher in Math 105. Math Department approval. Placement preference will be given to Seniors, then Juniors with a Honors 2 grade lower than a B. It is strongly encouraged that incoming Juniors with a B or better enroll in Math 111/112.

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 has an opportunity to receive Math 111 and Math 112 credit for this class.

MATH 251 (Calculus - Semester 1 only)

Grade: 12

Credit: .5 Dual Credit Course – MTH 251

Prerequisite: Math 111 & 112

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.

MATH 252 (Calculus - Semester 2 only)

Grade: 12

Credit: .5 Dual Credit Course - MTH 252

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.

PERFORMING ARTS

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 student is 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, to students with an interest in vocal music. This course is designed to give the student an opportunity to perform with a select group. This course will include a specific set of choral literature demonstrating basic skills and knowledge of music, choral and vocal techniques, period styles, and good singing quality. The student is expected to perform at each concert.

VOCAL ENSEMBLE

Grade: 9 - 12

Credit: 1.0

Prerequisite: Audition with instructor.

Vocal Jazz Ensemble is a full-year course with students selected from the Advanced Choir. This course is designed to provide the student with a variety of literature with emphasis on the show choir and jazz choir media. The course includes the use of carried instruments accompaniment and choreography as part of the literature.

CONCERT BAND

Grade: 9 - 12

Credit: 1.0

Prerequisite: Previous instrumental experience

The focus is on marching during the fall and concert preparation for the remainder of the year. Students are selected by auditions for Symphonic or Concert Band after the marching season. The courses are designed to provide students 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: By audition

The instrumentation consists of saxophones, trumpets, trombones, piano, guitar, bass guitar, and drums. 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. 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 the use of creativity will be linked with the curriculum of this class. 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 amount of credits.

ORCHESTRA

Grade: 9 - 12

Credit: 1.0

Orchestra class is for students with little or no previous experience on violin, viola, cello, and bass. We will learn the basics of playing a string instrument, as well as explore both traditional and contemporary literature for string orchestra. Students will be expected to put in a minimum of 90 a week of home practice on their instrument. No previous music knowledge needed, but it is helpful.

PHYSICAL EDUCATION

PHYSICAL EDUCATION

Grade: 9 - 12

Credit: .5

The purpose of the high school physical education program is to aid the development of the student to his/her fullest potentials 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 as well as 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

Weight Training is designed to provide students the opportunity to build bigger, stronger, faster & more athletic bodies. The emphasis of this class is to develop strength through proper weightlifting technique. Plyometrics, speed & quickness drills & skills will also be emphasized. We will do some team sport activities periodically. Students must maintain a C average grade or have instructor approval to repeat the course.

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 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, muscular strength and endurance, flexibility, and body composition. It is designed to inspire an active lifestyle now and in the future.

HEALTH

HEALTH 1

Grade: 9

Credit: .5

Health 1 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 personal needs of all people and the pressure exerted on them by many groups. Health education helps each individual 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 2

Grade: 11

Credit: .5

Prerequisite: Health 1

Health 2 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.

SPORTS MEDICINE

Grade: 9 - 12

Credit: .5 Dual Credit Course - HED 240

Prerequisite: Health 1, C or better

This Sports Medicine course will provide students with the knowledge and skills to understand and perform the first aid/CPR skills that would be required in any medical field position. This course will also provide skills that would be designated by an athletic or fitness trainer, or physical therapist. Topics covered will include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, and medical terminology. More advanced topics may include injury assessment, the phases of healing, and the use of exercise and equipment to help in the reconditioning of injured athletes. There is a \$10.00 lab fee and an additional \$13.00 if a First Aid/CPR card is earned.

SCIENCE

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.

BIOLOGY S1-Cellular Functions and Ecology

BIOLOGY S2-Genetics & Kingdoms

Grade: 9 - 12

Credit: 1.0

Prerequisite: Enrolling 9th graders must have a “B” average in all science and math subjects taken during the 8th grade or teacher recommendation.

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.

ASTRONOMY

Grade: 10 - 12

Credit: .5

Prerequisite: Pass both Semesters of Biology

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.

FORENSICS

Grade: 11 - 12

Credit: 1.0 Dual Credit Course - BIO 207

Prerequisite: Pass both Semesters of Biology

Forensics is applying scientific principles to reconstruct past event 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.

Lab Fee \$10.00

CHEMISTRY

Grade: 10 - 12

Credit: 1.0

Prerequisites: Algebra 1 and Pass both Semesters of Biology passed 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

Prerequisite: Pass 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.

Lab Fee: \$20.00

HUMAN ANATOMY AND PHYSIOLOGY

S1- Muscles and Bones

S2- Body Systems

Grade: 11 - 12

Credit: 1.0 Dual Credit Course - Bio 103, BIO 200

Prerequisite: Pass 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 numerous field trips to local health professionals as well as projects to enhance learning.

Lab Fee \$25.00

PHYSICS S1- Mechanics

PHYSICS S2- Waves, Optics, Electricity

Grade: 11 - 12

Credit: 1.0

Prerequisites: One year of Science, and must have passed, or be 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. Lab Fee \$10.00

OREGON SCIENCE

Grade: 10 - 12

Credit: .5

Prerequisite: Pass both semesters of Biology

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.

SOCIAL STUDIES

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 and Eastern Europe, and Western Europe.

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.

AMERICAN HISTORY HONORS

Grade: 11 - 12

Credit: 1.0 Dual Credit Course - HST 201, 202, 203

Prerequisite: B in Global/World Studies and teacher recommendation.

Honors American History 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 a 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.

GOVERNMENT

Grade: 12

Credit: .5 Dual Credit Course - POL 201 (Patzke only)

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.

ECONOMICS

Grade: 12

Credit: .5 Dual Credit Course - EC 202

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 micro-economics and macroeconomics taking into account 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 problem occur and how to reduce their effects.

PSYCHOLOGY

Grade: 11 - 12

Credit: .5 Dual Credit Course - PSY 201

Psychology is designed to develop the 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. Sophomore Honors

students may be allowed to take this course with instructor approval.

Lab Fee \$5.00

ADVANCED PSYCHOLOGY

Grade: 11 - 12

Credit: .5 Dual Credit Course - PSY 202

Prerequisite: Psychology with a C or better grade.

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.

Lab Fee \$5.00

JUSTICE IN AMERICA

Grade: 11 - 12

Credit: .5

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. College credit may be earned.

CONTEMPORARY ISSUES

Grade: 10 - 12

Credit: .5

This is a citizenship course designed to help the students become more aware of their surroundings in the contemporary world. Topics for discussion include local, national, and international current issues.

Contemporary Issues is designed to help students gain background knowledge about an issue as well as being exposed to all points of view. Access to current materials --radio, television, magazines, etc., is a necessity for the course. Students need daily exposure to current happenings as reported by the media. Students will be able to 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, as well as understanding how compromises are achieved.

Hopefully, the students will be able to apply this learning to future contemporary issues which will confront the young adult

CAREER TECHNOLOGY EDUCATION

AUTOMOTIVE TECHNOLOGY 1

Grade: 9 - 12

Credit: .5

This class is the entry level course in the Automotive Technology program for the Klamath Falls County School district. The course is open to boys and girls, grades 9-12, and is one semester (18 weeks) 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 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. There will be no actual work on automobiles in the shop.

AUTOMOTIVE TECHNOLOGY 2

Grade: 10 - 12

Credit: 1.0

Prerequisite: Auto Tech 1

This class is the second level course in the Klamath Falls County Schools Automotive Technology program. This course is 36 weeks (full year) in length. The course is designed to implement some (or most) 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.

AUTOMOTIVE TECHNOLOGY 3/4

Grade: 11 - 12

Credit: 1.0 Dual Credit Course - AMT 287, AMT 301

Prerequisite: Successfully complete level 2 course (or equivalent) with a C grade or better or instructor approval. This course is 36 weeks (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 the community college 2 + 2. Participation in the Skills USA program is advised.

MANUFACTURING 1

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 and metals class. The course is open to all students, grades 9-12, and is one (1) semester in length. The course is designed to expose students to and allow them to experience entry-level responsibilities in wood/metal shop operation, woodworking, general carpentry, operating nomenclature, shop procedures, cutting, oxygen/acetylene welding, arc welding, and foundry. Basic shop safety is emphasized. Subjects to be covered include (but not limited to) wood/carpentry shop safety, hand tools, limited power tools, measuring/measurements, building materials, cutting, oxygen/acetylene welding, arc welding, foundry 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.

Sample Projects: Bird houses, camp chairs, planter boxes, condiment holders

MANUFACTURING 2

Grade: 10 - 12

Credit: 1.0

Prerequisite: Successful completion of Manufacturing 1 with a C or better.

MANUFACTURING 2 is the second course in the Mazama Manufacturing program and is designed to implement the basic tasks and skills learned in the Manufacturing 1 class. The course is open to all students, grades 10-12, and is one (1) 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. Student will also work on improving their welding skills with wire feed and arc welding. Students will also use the Powder Coating Technique to finish off metal projects. 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, however, in order to work in the lab, students must pass any and all safety tests required for power tools and shop equipment

Sample Projects: Adirondack chair and table, metal roses. Metal art, beginning CNC plasma cutting, CNC routing and LASER cutting, Welding using ARC and wire feed.

MANUFACTURING 3/4

Grade: 11 - 12

Credit: 1.0

Prerequisite: Pass level 2 course with a C grade or better, and instructor approval.

Manufacturing 3/4 is the advanced course in the Mazama 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 in 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 with look for employment in the manufacturing field or attend college in this type of field.

Sample Projects: Adv CNC projects, LASER cutting, CNC plasma cutting, CNC router, Welding using arc, wirefeed and TIG

FOREIGN LANGUAGES

GERMAN 1

Grade 9 - 12

Credit: 1.0

German 1 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 pay a class fee and must pass with a C or better to continue.

GERMAN 2

Grade: 10 - 12

Credit: 1.0

Prerequisite: Successful completion of German 1

German 2 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 pay a class fee and must pass with a C or better to continue.

GERMAN 3

Grade: 11 - 12

Credit: 1.0 Dual Credit Course - GER 101, GER 102

Prerequisite: Successful completion of German 1 & 2

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 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.

GERMAN 4

Grade: 12

Credit: 1.0 Dual Credit Course - GER 201, GER 202

Prerequisite: Successful completion of German 1, 2 & 3

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 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.

SPANISH 1

Grade 9 - 12

Credit: 1.0

Spanish 1 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. Students are required to pay a class fee and must pass with a C or better to continue.

SPANISH 2

Grade: 10 - 12

Credit: 1.0

Prerequisite: Successful completion of Spanish 1

Spanish 2 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 travel communication skills. Students are required to pay a class fee and must pass with a C or better to continue.

SPANISH 3

Grade: 11 - 12

Credit: 1.0 Dual Credit Course - SPA 101, SPA102

Prerequisite: Successful completion of Spanish 1 & 2

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

SPANISH 4

Grade: 12

Credit: 1.0 Dual Credit Course - SPA 201, SPA 202

Prerequisite: Successful completion of Spanish 1, 2, & 3

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.

HEALTH OCCUPATIONS

INTRO TO HEALTH OCCUPATIONS

Grade: 9 - 12

Credit: .5

The course is divided into three units of study that will introduce students to many aspects of the health care industry. The course prepares students for greater understanding and appreciation of clinical procedures they will be observing in future participation in Health Occupations classes. Career exploration comprises the first unit of study. In this unit, students will learn about the vast opportunities in health care. The second unit in this course has less scope and depth of anatomy and physiology content and a proportionately greater emphasis on medical terminology. Learning of root words, prefixes, suffixes and combining forms is integrated with the learning of anatomical structures and body physiology. Finally, during the last portion of this class, students will have hands on training in basic CPR and First Aid. There is a fee of \$13.00 for the CPR/First Aid card.

HEALTH OCCUPATIONS I

Grade: 10 - 12

Credit: 1.0 Dual Credit Course - MDA 101, 102

Prerequisite: Minimum 2.5 GPA passed Biology with at least a C grade, or counselor placement.

Health Occupations I is designed for students to explore various health care occupations of interest. While the focus is on common medical terminology, including word roots, prefixes and suffixes, students will also learn the various body systems, pathology of disease, and the diagnostic procedures for various medical conditions. Current issues and trends in health care are explored through group debates, guest speakers and classroom activities. Students are also responsible for a two-hour clinical session at a health care facility in the community each week. Students are responsible for their own transportation to and from the program.

HEALTH OCCUPATIONS II / CERTIFIED NURSING ASSISTANT I

Grade 11 - 12

Credit: 1.0

Prerequisite: Minimum 2.5 GPA and having passed Biology with at least a C. The class size is limited. Preference will be given to those students who have completed Health Occupations I, but all senior students with the above prerequisites are welcome to apply.

The Certified Nursing Assistant (CNA) class has approval by the Oregon State Board of Nursing and will be taught by a Registered Nurse at Klamath Community College. Upon successful completion of the class, students have the option of taking the Oregon Certified Nursing Assistant examination which leads to certification as a nursing assistant in Oregon. This will enable students to be employed at a hospital or an extended care facility immediately after graduation. The Nursing Assistant class will meet two to three times a week for no more than twelve hours per week for the entire academic year. The class will also meet a few times on Saturdays or Sundays. Strict attendance standards are expected of all students to complete the course. Students are responsible for their own transportation to and from the program.

SPORTS MEDICINE

Grade: 9 - 12

Credit: .5 Dual Credit Course - HED 240

Prerequisite: Health 1, C or better

This Sports Medicine course will provide students with the knowledge and skills to understand and perform the first aid/CPR skills that would be required in any medical field position. This course will also provide drills that would be designated by an athletic or fitness trainer, or physical therapist. Topics covered will include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, and medical terminology. More advanced topics may include injury assessment, the phases of healing, and the use of exercise and equipment to help in the reconditioning of injured athletes.

ELECTIVES

INTRO TO THE ARMED FORCES

Grade: 9 - 12

Credit: .5 (Semester 1 only)

Introduction to all of the armed forces. The course is designed to introduce students to the basic structure and function of all armed forces. Focus of the instruction is to instill responsibility, self discipline, basic citizenship and physical conditioning.

ARMED FORCES 2

Grade: 10 - 12

Credit: .5 (Semester 1 only)

Prerequisite: Intro to the Armed Forces or Instructor approval

Armed Forces Year 2 is designed to build upon the content of the introductory level armed forces course. Continued education of all roles and responsibilities of the United States Military is emphasized. Topics of instruction will include personal leadership, physical fitness and small group instruction. Also included are map reading, weapon marksmanship and safety, orienteering and survival training, Military History and Drill and Ceremony.

ARMED FORCES 3

Grade: 11 - 12

Credit: .5 (Semester 1 only)

Prerequisite: Armed Forces 2

Armed Forces Year 3 is specifically designed to build upon Armed Forces Year 2 and puts more emphasis on leadership development, self discipline and small group instruction. Courses are designed to improve leadership and accountability through increased problem solving situations and group responsibility. Year 3 continues to build upon previous courses including map reading, weapon marksmanship and safety, orienteering and survival training, Military History and Drill and Ceremony. Course instruction will also include military small unit tactics.

ARMED FORCES 4

Grade: 12

Credit: .5 (Semester 1 only)

Prerequisite: Armed Forces 3

Armed Forces Year 4 is specifically designed to build upon Armed Forces Year 2 and 3 and is designed to be the culminating course for Armed Forces study. Practical Leadership exercises are conducted by assigning command and staff positions for lower level armed forces courses.

PSYCHOLOGY

Grade: 11 - 12

Credit: .5 Dual Credit Course - PSY 201

Psychology is designed to develop the 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. Sophomore Honors students may be allowed to take this course with instructor approval.

HORTICULTURE I/II

Grade: 10 - 12

Credit: .5

This is a 1-year, introductory course in Agricultural Science. Students will experience “hands-on” activities, projects, and problems involving the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural safety. They will explore career pathways in the field of agriculture, and learn leadership and cooperation through the use of parliamentary procedure and public speaking.

JUSTICE IN AMERICA

Grade: 11 - 12

Credit: .5

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.

SPORTS MEDICINE

Grade: 9 - 12

Credit: .5 Dual Credit Course - HED 240

Prerequisite: Health 1, C or better

This Sports Medicine course will provide students with the knowledge and skills to understand and perform the first aid/CPR skills that would be required in any medical field position. This course will also provide dills that would be designated by an athletic or fitness trainer, or physical therapist. Topics covered will include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, and medical terminology. More advanced topics may be include injury assessment, the phases of healing, and the use of exercise and equipment to help in the reconditioning of injured athletes.

ADVANCED PSYCHOLOGY

Grade: 11 - 12

Credit: .5 Dual Credit Course - PSY 202

Prerequisite: Psychology with a C or better grade.

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.

CADET TEACHING

Grade: 11 - 12

Credit: .5 (May be repeated for credit)

Prerequisite: Instructor approval

Students will receive training and career experience in the areas of teaching, record keeping, materials development, and evaluation techniques. Students will work daily at a local school under the direct supervision of qualified staff. Students are responsible for their own transportation to and from their teaching site. Grade is Pass/Fail, unless prior instructor approval.

COLLEGE NOW

Grade: 11 - 12

Credit: .5 Dual Credit Course - CGS 100 (May be repeated for credit)

How does this sound...morning classes at Mazama and afternoon classes at KCC...all for free?? Students will spend part of their time in Mazama's College Now course earning credit from KCC for College Survival and Success. When KCC starts in the fall and spring, students will go there in the afternoons for a class of your choice. You have the potential to earn six college credits each semester, and it's all free. This course requires two class periods.

YEARBOOK

Grades: 9 - 12

Credit: 1.0 (May be repeated for credit)

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. This class offers real-life experience dealing with businesses, deadlines, money, and heavy responsibility. This is a worthwhile experience.

VIDEO PRODUCTION 1

Grade: 9 - 12

Credit: .5

Video Production focuses on the planning, design, shooting, editing, and publishing of student made videos. Students will learn the fundamentals of, and terminology involved for the process of producing videos. Finally, to showcase their work and growth, students will share their published videos in an online portfolio.
Class Fee \$10.00

VIDEO PRODUCTION 2

Grade: 9 - 12

Credit: .5

Prerequisite: C or better in Video Production 1

Video Production 2 applies skills learned in Video Production 1. Students will learn more about script writing, lighting, and sound in order to produce longer, more complex films. A variety of films will be created in class (individually and in groups), culminating with a final video of the student's choice. Class Fee \$10.00

ENGINEERING I

Grade: 10 - 12

Credit: .5 Dual Credit Course - ENGT 101, ENGR 101

The major focus of this Project Lead the Way course learning to take an idea through a design process that will eventually be manufactured or produced. As you learn about various aspects of engineering and engineering design, such as how engineers communicate through drawing, you will apply what you learn through various activities, projects, and problems. The course covers the following: The role of the engineer, the design process, product design, product analysis and improvement, and designing as an engineer. In addition, students will use a variety of computer programs, to help design solutions to different design projects. Working in teams, students will learn about documenting the problems and solutions, solving the problems, and communicating the solutions to other students and members of the professional community. This is a hands-on course.

DRAFTING

Grade: 10 - 12

Credit: .5 Dual Credit Course - ENGR 102, ENGR CE 203

Drafting is a semester Project Lead the Way course that provides each student with the concept of drafting. It is also offered as a related course for other technology programs, engineering bound students and those who have developed an interest in related technical areas. The course will cover lettering, sketching, single views, multi-view projection, geometric drafting, dimensioning, sectional views, auxiliary views, and introduce the student to engineering through design.

ROBOTICS 1

Grade: 9 - 12

Credit: 1.0 Dual Credit Course - TBD

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 to compete with in a variety of challenges. Class Fee \$10.00

ROBOTICS 2/3/4

Grade: 10 - 12

Credit: 1.0 Dual Credit Course- TBD

Prerequisite: Successful completion of Robotics 1 and instructor approval.

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. Class Fee \$10.00

SERVICE LEARNING

Grade: 9 - 12

Credit: .5 (May be repeated for credit)

Prerequisite: None

The student in this course will be involved in assessment and project planning that will help our school or community. The students will be involved in meaningful service projects that will be generated by the class, not the teacher. The students will reflect on their projects and the celebration of successes will be emphasized as a part of the learning process. This class will provide opportunities for leadership while developing skills in problem solving, communication, reflection, goal setting, career exploration, moral reasoning, relationship development and building of self-esteem.

ADVANCED DESKTOP PUBLISHING

Grade: 10 - 12

Credit: .5 (May be repeated for credit)

Prerequisite: Instructor approval

Individualized program for students to work on computer projects. New concepts will be presented and previously learned skills will be applied. Students will also take on tasks from staff/office at the school.

STUDENT GOVERNMENT

Grade: 9 - 12

Credit: 1.0 (May be repeated for credit)

Prerequisite: Instructor Approval

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

CHILD CARE

Grade: 10 - 12

Credit: .5 (May be repeated for credit)

Prerequisite:

1. At least 15 years old (unless pregnant or parenting student)
2. Agreement to be enrolled in the Oregon Child Care Division Criminal History Registry,
3. Approval by Lead Caregiver.

Child Care is a one semester class designed to give students work experience in a childcare setting. The students assist the staff in providing care for the infants and toddlers in the center. The students are directly supervised by the director and/or childcare providers.

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 a total of 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 will not be allowed to register for the course the following semester. Students will receive a P/Passing or F/Failing grade. A student may earn only a total of 2 credits for graduation from either Work Experience and/or Career Exploration.

STUDENT AIDE PROGRAM

Grade: 10 - 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. The Main Office, Attendance, the Guidance Office and the Library need at least one aide per period. Students must receive the approval of the office supervisors.

