Henley High School

Curriculum Guide

2024-2025



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Translated Version

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Registration Guidelines

In order to achieve a well-rounded education, students are encouraged to enroll in seven (7) class periods each semester, each year, and take advantage of the many pathways offered. Students are encouraged to strive for advanced coursework.

Transfer students and special circumstances may be reviewed and approved on an individual student basis.

Awards and Honors

Students will be recognized for their academic achievement using the following honor roll system.

4.0	Principal Honor Roll
3.5 - 3.99	Grand Honor Roll
3.0 - 3.49	Honor Roll

Honor roll will be calculated and posted at the end of each 6-week grading period.

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 2 weeks of the semester.

Students dropping a class after the first 2 weeks of the semester will receive an "F" for the course. Changes prior to the 2 weeks will be granted after considering the following:

- A. Placement
- B. Schedule openings
- C. Building procedures
- D. Supervision of students

Dropping and Adding Due to Scheduling Misplacement

If, in the opinion of the teacher of the course in question, a student is failing the course due to being misplaced, a student may, with the teacher's and counselor's consent, be placed in a course more appropriate to the student's ability level. **This policy does not pertain to students** who have enrolled in courses against both the counselor's and teacher's recommendation.

Exceptions to the number of courses required can be made for, but are not limited to, physician prescriptions, concurrent enrollment in Oregon Institute of Technology, Klamath Community College, or Central Oregon Community College. *Exceptions must be approved by the administration*.

Counselor and Guidance Program

The role of the counselor is to provide guidance and support to students and parents, to assist and serve as a resource person for teachers, to be a consultant to the administration, as well as a liaison with outside agencies and a coordinator of counseling activities. The counselor will assist with the growth and development of individuals so that all may function at their highest level for their own benefit and for that of society. The counselor will also serve as a liaison and communication link between the students, the parents, and the school.

Yearly Schedule and Four-Year Plan

It is imperative that students consider year-long scheduling. Once the year's schedules are made, it is the intention of the guidance department to hold students to their schedule. Schedule changes may be made in the first two weeks of the semester following the procedures below:

- Students submit a schedule change request form
- Students requesting a meeting with counselors should indicate that need on the form.
- Students with unusual requests outside of the normal request may be referred to administration.
- Schedule changes will be considered through the lens of graduation requirements first, followed by student request, and granted, provided there is available space in the requested course.

Four-Year Plan

Freshman students will complete a four-year plan that will serve as a working document to help guide the student and parent when selecting courses while in high school. The four-year plan should also assist students in making decisions about their tentative career and post-educational plans and the establishment of appropriate goals. This plan will be revisited in subsequent years.

POLICIES AND ADMINISTRATIVE REGULATIONS

Graduation Requirements Policy

The Board will establish graduation requirements which meet or exceed state standards. Those requirements will be published yearly for students and their parents/guardians.

A diploma will be awarded to each student who has satisfactorily completed all state and local requirements for units of credit and attendance.

Alternative certificates and diplomas are available for students who have demonstrated the inability to meet the full set of academic standards established by the State Board of Education for a diploma while receiving modifications and accommodations.

Seniors transferring into the Klamath County School District will be permitted to graduate if they meet the requirements of the school they transferred from if the Klamath County School District requirements cannot be met.

Graduation Exercises

Because the Board believes that completion of the requirements for a diploma from the public schools is an achievement that improves the community as well as the individual, the Board wishes to recognize that achievement in a publicly celebrated graduation exercise.

Accordingly, appropriate graduation programs will be planned by high school principals, on the date or dates selected by the Board. The district's valedictorians, salutatorians, or others at the discretion of the building principal or designee may be permitted to speak as part of the district's planned graduation program. *All such speeches will be reviewed and approved in advance by the building principal or designee*.

All students in good standing who have successfully completed the requirements for a senior high school diploma, a senior high school modified diploma, or are within one credit of earning a regular or modified diploma may participate in graduation ceremonies.

GRADUATION REQUIREMENTS

Credit Requirements

- <u>24 Credits</u> in required subject areas, including Senior Capstone to receive a Henley diploma
- <u>28 Credits</u> in required subject, advanced coursework and a minimum 3.5 cumulative GPA to receive a Henley Honors Diploma

Henley Standard Diploma Requirements

Total Credits Required	24.00
Career-related Knowledge/Planning	0.50
Electives (EL)	5.50
Fine/Applied Arts (AL)	3.00
Health Education (HE)	1.00
Physical Education (PE)	1.00
Social Science	3.00
Science (SC)	3.00
Mathematics (MA) Algebra 1 or higher	3.00
English (LA)	4.00

Students must also demonstrate proficiency in the Essential Skills (Reading, Writing, and Mathematics)

Henley Honors Diploma Requirements

All valedictorian and salutatorian candidates must have an Honors Diploma. The intent of the KCSD Honors Diploma is to ensure a course of academic study that prepares the student for university admission and college success.

Honors Diploma Required Components:

- 3.5 GPA for the first seven semesters.
- Minimum of 28 total credits, 24 of which must be graded on the A-F system.
- Four Credits of:
 - English (Advanced coursework) (2 years of adv for classes 2027+)
 - Science (Chemistry recommended for college-bound students)
 - Math (or through the equivalent of Pre-Calculus s1 & s2).
- **Two credits** of World Language.
- **Eight or more credits** in Advanced, Honors, Dual Credit, or College Level classes as determined by the school.

The following courses qualified towards Henley High School Honors Diploma Advanced Course credits:

<u>English</u>	<u>Math</u>	<u>Science</u>
Adv. English I	Pre-Calculus I & II	Honors Int. Science
Adv. English II	Calculus I & II	Field Bio II / Marine Bio II
Adv. English III	Statistics STA 243Z	Adv. Chemistry
Adv. English IV		Anatomy/Physiology
Senior Composition		Genetics/ Science Issues
		Physics

Other

American History Honors Advanced Animal Science* Intro to Archaeology Plant Science* Psychology/Adv. Psych* Ag Mech III & IV * Health Occupations I* & II Ag Business * Intro to Engineering Design* Marketing II & IV Symphonic Band (1 credit max) Intro to Engineering Design * Jazz Swing Choir (1 credit max) Aerospace Engineering* Spanish III & IV Engineering Development & Design* Intro to Teaching* Principles of Engineering*

Families & Schools*
Human Development*

Cadet Teaching*
Carpentry 1 & 2 *

Supporting Child Development *

Art III

Nutrition *

Auto CAD I & Autodesk Inventor* Patient Care*

Digital Art II & III* First Aid & Beyond*

French III

Health Occ I & II *

College Now (Honors credit for accompanying KCC courses)

Transfer Students

Students transferring into the district will be eligible for an Honors Diploma if the student has met the above requirements when considering comparable credits.

Senior Capstone

In addition to the above graduation requirements, Henley High School requires successful completion of the Senior Capstone. Activities and assignments comprising this extended application are accomplished during the student's senior year, as well as compilation of a Personal Education Plan which begins with freshman year. To graduate from Henley High School, students must successfully complete the Senior Capstone in Senior Seminar. To pass the Capstone, students must earn a C or better on their Capstone service project, their paper, and their oral presentation. Students who do not meet these standards will be referred to make up the deficient credit after graduation has taken place.

Early Graduation Policy

A student who, for educational and vocational reasons, wishes to graduate from high school in less time than the ordinary grade 9-12 sequence may request permission to complete graduation requirements on an altered schedule. The student and his/her parents/guardians will consult with high school guidance personnel to develop a graduation plan.

In order to pursue this opportunity, students shall state their intention in writing, accompanied by a written plan stating how the student proposes to meet the necessary requirements for early graduation, to the Superintendent no later than October 15th of their junior year. In the event that the October 15th date cannot be met, a letter of explanation outlining the circumstances that prevented complying with the October 15th deadline shall be sent to and must be approved by the Superintendent. Transfer students and special circumstances may be reviewed and approved by the Superintendent.

Pass/Fail Administrative Rules

District high school students have the option to receive a Pass/Fail mark for elective credits only. Elective credits are defined as those credits not included in the 18 prescribed credits specified for an Oregon Standard Diploma.

^{*}When articulated for college credit

A mark of Pass (P) is the equivalent of a "C" or better (traditionally greater or equal to 70% of all available course points). A course score below the standard for a "C" will be awarded the mark of Fail (F).

The mark of Pass will not be calculated in a student's GPA. However, the mark of Fail is the equivalent of an "F" and will be calculated in the student's GPA.

Students opting for Pass/Fail must make their request known in writing to a counselor as soon as possible, but not later than four weeks before the end of the semester. The request must be signed by the student's parent/guardian, teachers, counselor and principal in order to be implemented. The final determination will be made by the principal.

Once the Pass/Fail form has been completed and approved, the decision is irreversible. For students to receive or be eligible for Pass/Fail, they must:

- Demonstrate and commit to appropriate attendance;
- Demonstrate and commit to achieving the course objectives

Exceptions to the above rules:

- Pass/Fail marks transcribed for core classes by other educational institutions shall be honored.
- Credit awarded by proficiency may be Pass/Fail even if the credit is for a core class.

Students Retaking Classes for Credit

Students who fail state or district requirements must take these classes again and receive a passing grade. Students who fail elective classes may choose to take the class over. Students who receive a low grade in a class may choose to take the class over for their own benefit for elective credit. However, students who take classes over will NOT have the failing or low grade removed from their transcript.

<u>Credit for Students Transferring From Accredited and Non-accredited High</u> Schools

Students transferring to Klamath County School District high schools from accredited or appropriately registered and approved private, religious, or alternative high schools may, at the principal's discretion, receive credits for class (except religious classes) for which they have earned credit at their previous high school. In addition, these students may take challenge exams to earn additional credits to graduate according to their class status at the time of transfer.

Credits of transfer students from an appropriate public or private alternative program of instruction that is registered with and approved by the Oregon Department of Education, or accredited by the Northwest Association of Schools and Colleges, or the accreditation association in the state where they last attended school will be accepted.

Klamath County School District will not accept credits of transfer students from schools that are non-standard or are not registered with and approved by the Oregon Department of Education or

approved in a similar manner by the state where they last attended school. Home study programs through a non-accredited source will fall under non-accredited transfer credit guidelines.

Credit Options

Students may earn high school optional credits for the following experiences:

- 1. College or high school level courses;
- 2. Work experience;
- 3. Independent study; and
- 4. Credit by exam

Students who wish to earn optional credits must apply to the high school principal **prior to enrollment in the course.** A maximum of eight (8) units of high school optional credits will be counted toward graduation.

Credit by Examination

Klamath County School District will offer credit and/or competencies earned by examination. Those courses for which credit by examination may be earned will be determined by the Superintendent or his designee.

Examinations for these courses will be provided by the district curriculum department and will be given the second week of each semester, or as otherwise scheduled.

Credit by examination is to be considered a process for ascertaining student competency and awarding credit for a particular course offered at the high school without the student having to enroll or participate in the course.

All students must file an application with the school counseling/guidance department prior to the date of examination. The application must include approval indicated by a signature of the parent or guardian. All applications must receive the approval of the building principal and the district curriculum director. Students may attempt the examinations only twice and these attempts may not occur within the same semester. **Students may not attempt credit by examination for a course in which they are enrolled.** A student may not attempt credit by examination for a sequential course below the level at which the student has or is enrolled or below the general level of expectation for students. A credit earned (CE) will be given only if the examination is passed. No student may earn more than four (4) credits through credit by examination that will count toward graduation.

The district curriculum director and the building principal shall administer this program. They will work with building department chairpersons and individual teachers to assist with:

1. Developing examinations with written or other observable indicators of competence, which shall clearly demonstrate learner outcomes of the course being challenged.

- 2. Determining standards of performance or examinations, which will be accepted as evidence of satisfactory completion of those requirements.
- 3. Determining when an appropriate examination has been devised to measure course completion equivalency and when the test shall be used.
- 4. Establishing examination dates and locations.
- 5. Publishing credit by examination procedures and courses for which credit by examination may be attempted.
- 6. Reviewing student requests for credit by examination where guidelines are not sufficient.
- 7. Scoring examinations.

When a student successfully passes an examination for a course by the process of credit by examination, he/she shall be given credit for the course. The enrollment requirement of the course, if any, shall be waived. Credit (CE), but no grade, for the course will be noted on his/her transcript and the course will count toward graduation requirements, both in units and in required course enrollment.

Off-Campus Study Credits

Klamath County School District will offer credit in the following off-campus experiences:

- 1. College or high school level courses
- 2. Work experience
- 3. Independent study

Students wishing to apply for off-campus experience credit shall file an application with the guidance office **prior to enrolling in any program or class.** This application shall include student goals, the name of the class or nature of the program under consideration, principal and curriculum director approval, and parent approval.

Alternative Instructional Programs

In addition to the regular curriculum and courses offered, it is possible for students to obtain credit from the following activities:

- 1. Henley Prep online computer coursework offered through district-approved online computer courses in selected subject areas at Henley High School during and after normal school hours.
- 2. Attendance at a community college
- 3. Correspondence courses
- 4. Klamath Institute
- 5. Oregon Institute of Technology
- 6. Work Experience
- 7. Credit by Exam
- 8. Independent Study
- 9. Falcon Heights Academy
- 10. Integral Youth Services
- 11. Others approved by the Board

Alternative instructional programs may only be accessed by a referral process from the school counselor or administrator.

College Credit Options

Understanding the importance of providing an academically challenging curriculum to prepare students for life beyond high school, Klamath County School District has developed options whereby students can earn college credit while enrolled in high school. Students are encouraged to explore their opportunities to earn college credit as high school students and to understand the impact taking these courses will have on their future college careers.

<u>Dual Credit Courses</u>

Henley High School offers many courses which accrue both high school and college course credit while the students are still in high school. These courses are taught at Henley High School by college-approved Henley High School teachers. Students have the opportunity to begin their college education while still in high school at minimal, if any, cost to them.

Courses offered in this program are regular college classes in every respect. Grades are transcribed through the articulated college for the course, and these grades become the initial grades on the student's college transcript. Dual credit courses offered at Henley High School are fully transferable to public colleges and universities within Oregon. Transferability to private colleges and universities, both in state and out of state, varies by institution. It is ultimately the student's responsibility to determine transferability of credit to the institution(s) of their choice.

Henley High School Articulated Dual Credit Courses

High School Course	Instructor	College Equivalent Course	College Credits	College
Advanced Chemistry	Contreras	Chemistry 101 & 104	4	OIT
Anatomy	Fullerton	Biology 101, 103, & 200	10	OIT
PreCalculus	Young	Math 111 & 112– College Algebra & Trignometry	8	ксс
Calculus	Young	Math 251 & 252- Calculus I & II	8	KCC

Survey of Math		Math 105 - Math in Society	4	KCC
Health Occupations I	Hammond	MDA 101 & 102	6	КСС
Health Occupations II	Hammond	CNA Certificate		КСС
First Aid and Beyond	Hammond	HEA 252	3	КСС
Patient Care	Hammond	MIT 225 or RDSC 205	4	OIT
Nutrition and Wellness	Hammond	HPE 225	3	
Advanced English III	Walker	Writing 121Z & Comm 111Z	8	OIT
Senior Composition	Walker	Writing 121Z	4	OIT
Advanced English IV	Stringer	Writing 122Z & Comm 111Z	4	OIT
Spanish III	Baker	SPA 101,102	8	KCC
Spanish IV	Baker	SPA 103,201	8	KCC
Intro to Engineering Design	Lebkowsky/ Graham	ENGR 101	2	OIT
Aerospace Engineering- Semester 1	Lebkowsky	AVS 100	4	KCC
Aerospace Engineering- Semester 2	Lebkowsky	AVS 155	4	КСС
Principles of Engineering	Lebkowsky	ENGR 102	2	OIT

Engineering Design and Development	Lebkowsky	ENGR 111	2	OIT
Ag Business	Сорро	ARE 211	3	KCC
Honors US History	Woodrum	HST 101,102,103	9	KCC
Intro to Archaeology	Decker	ANTH 102	3	KCC
Intro to Business	Teaters	BUS 101	3	OIT
Marketing I & Marketing II	Teaters	BUS 223 (Credit for completing both)	3	OIT
Agriculture Mechanics 3	Aylett	WELD 101	3	KCC
Agriculture Mechanics 4	Aylett	WELD 114	3	KCC
Digital Art II	Rudnicki	MMT 239/239L and MMT 240/240L	8	KCC
Business Publications	Chambrose /Rudnicki	BUS 256	3	OIT
Carpentry I	Palmer	APR 115C/115CL (credit towards Pre-Apprenticeship certificate)	3	KCC
Carpentry II	Palmer	APR 116C/116CL (credit towards Pre-Apprenticeship certificate)	3	KCC
Intro to Teaching	Watters	EDU 200	3	KCC
Families & Schools	Watters	ECE 101	3	KCC

Human Growth & Development	Watters	PSY 235	3	ксс
Supporting Human Development	Watters	ECE 103	3	KCC
Cadet Teaching	Watters	EDU 280	3	KCC
Psychology & Advanced Psych	Von Tersch	PSY 202 & 203	6	OIT

OFF-CAMPUS COLLEGE COURSES

Because the opportunity to enroll in college courses while still in high school was developed to enhance a student's high school experience, and not substitute for it, **students will only be allowed to take courses during the school day which are not taught at Henley High School.** Additional information regarding college credit opportunities is available in the guidance office.

COLLEGE BOUND STUDENTS

Some Guidelines for the College-Bound Student

Students should be aware that **GRADUATION** is a **MINIMAL REQUIREMENT** and is not sufficient to meet entrance requirements at colleges. Students who intend to continue formal education at a college or university should **CONSULT WITH A COUNSELOR** when planning schedules. Since most colleges and universities have differing standards and requirements, the counselor will be able to advise which courses are needed to pursue personal interests as well as those needed for admission. College-bound students should build their four-year plans around these proposed requirements.

Each college and university sets its own requirements. In general, most colleges will require at least 14 units of college preparatory high school classes (with one unit defined as the equivalent of one year). These units typically include 4 units of English, 3 units of Mathematics, 2 units of Science, 3 units of Social Studies, and 2 units of a World Language, with a grade of "C" or better or demonstrated proficiency. Colleges and universities typically look for a minimum GPA of 3.00 and require SAT or ACT scores for admission.

Students are expected to communicate with their college of choice to ensure that the classes they are taking are sufficient to fulfill the college's entrance requirements.

Community College Requirements

Oregon community colleges provide college transfer and professional technical programs. Generally speaking, community colleges have open enrollment. In some community college programs, limited enrollment is a factor for admission, and, in some cases, special requirements are needed for enrollment. All students must have a high school diploma or a GED. Consult your counselor for individual school requirements.

Required Classes/Course Sequence

Unless directed by counselors and/or teachers to take different classes, all students should plan to take the following required class in the listed sequence each year.

Freshman	Sophomore	Junior	Senior
English I	English II	English III	English IV/Writing 121/122
Math	Math	Math	American Govt. (semester)
Science	Science	Science	Economics (semester)
PE I (sem)	Global History	US History	Senior Seminar (semester)
Health I (sem)		Health II (sem)	
		PE Elective (if needed)	

SUMMARY OF VOCATIONAL COURSE REPLACEMENTS FOR ELECTIVES/REQUIRED COURSES

Vocational Course	Credits	<u>Credit Area</u>
Plant Science/Animal Science	.5/1.0	.5 Elective/.5 Science
		(if completed entire year)
Ag Communication & Leadership	.5/1.0	.5 Elective/.5 Science (if completed entire year)

Note: Using these classes to meet high school graduation requirements may not meet entrance requirements to colleges or universities.

Credit Granted for Courses Repeated

The following classes can be repeated and credit earned with instructor permission:

Physical Education	<u>Business</u>
Physical Conditioning	Business Leadership
Physical Education	Business Publications
Physical Skills Development	Master Tech: Business

General Electives	Fine Arts
Cadet Teacher	Band
Office Aide	Choir

Teacher Aide
Service Learning
Student Government
Study Skills
Work Experience
Agriculture Communication and Leadership
Agriculture Production and Business
Food Science and Safety

AC Choir Jazz Band Theater Workshop Yearbook

AIR FORCE JUNIOR ROTC

<u>Credit Area</u>	Course #	<u>Title</u>	<u>Length</u>	<u>Grades</u>
Elective	H1400	AFJROTC - Aviation History	Year	9-12
Science	H1401	AFJROTC - The Science of Flight	Year	9-12
Science	H1402	AFJROTC - Exploring Space	Year	9-12
Elective	H1403	AFJROTC - Management of the Corps	Year	12
Social Science	H1404	AFJROTC - Global Studies	Year	9-12
Elective	H1454	AFJROTC - Survival	Year	9-12

Air Force Junior Reserve Officer Training Corps (AFJROTC) is a program designed to develop citizens of character dedicated to serving their nation and community. The AFJROTC program provides citizenship and life skills training aimed at preparing students for success during and after high school. Enrollment is open to all students in grades 9-12. Good performance is rewarded through promotion to positions of increased responsibility and the awarding of medals and ribbons. Enrollment in AFJROTC incurs NO MILITARY OBLIGATION; however, scholarship and promotion benefits are available to AFJROTC cadets who pursue a military career after high school.

Cadets have opportunities to participate in a large number of extra and co-curricular activities including Color Guard, Marksmanship, Academic Bowl, and the Model Rocketry and Drone Teams. Additionally, community service is a large part of the program with numerous local events supported each year. Finally, cadets may have the opportunity to go on field trips to active duty military bases and museums, participate in Military Orientation Flights, and even earn a scholarship to obtain their private pilots license.

Students are issued an AFJROTC uniform and are required to wear it to school one day per week and meet the standards of personal grooming established by the Air Force. All uniform items, including shoes, are provided at no cost. Cadets are also issued a physical training uniform for wear each week for wellness/fitness training.

The AFJROTC curriculum rotates each year and includes Aerospace Science (AS) and Leadership Education (LE) components. Additionally, Health and Wellness is an official and integral part of AFJROTC classes with the goal of motivating cadets to lead healthy, active lifestyles. Wellness includes weekly physical training involving exercises and games. Finally, drill and ceremony is taught throughout the school year as part of the leadership component.

AFJROTC - Aviation History (1400)

Length of Course: Year Grades: 9-12

Credit Area: Elective Prerequisite: None

This is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations and flight, then progresses through time to future developments in aerospace, with an introduction into cyber technologies. The intent is to bring alive the significant discoveries in flight. The course tells the story of why we are so proud of our Air Force heritage—laying the foundation for other Air Force JROTC aerospace science courses. The Leadership Education component of this course focuses on traditions, wellness, and foundations of citizenship.

<u>AFJROTC – The Science of Flight (1401)</u>

Length of Course: Year Grades: 9-12

Credit Area: Science Prerequisite: None

This is an introductory science course that focuses on how airplanes fly, how weather conditions affect flight, the human body, and flight navigation. The course begins with a discussion of the principles and physics of flight. Then, flight conditions are explored to include the atmosphere and weather. After developing an understanding of flight and the flight environment, the course explores the impact of flight on the human body. Finally, students learn basic navigation including map reading, course plotting, and the effects of wind. The Leadership Education component of this course focuses on communication, awareness, and leadership.

<u>AFJROTC – Exploring Space (1402)</u>

Length of Course: Year Grades: 9-12

Credit Area: Science Prerequisite: None

This course explores the principles of propulsion systems, fundamentals of rocketry and its application to spacecraft, principles underlying space travel, and various aspects of space exploration. Turbojet, turbofan, rocket, reciprocating engines, and a detailed examination of

propulsion systems are explained. Rocketry and spacecraft portions cover rocket propulsion, guidance and control, and orbits. The space travel section further discusses the development, use and future of artificial earth satellites and interplanetary probes. The Leadership Education component of this course focuses on financial management and career planning.

AFJROTC - Management of the Cadet Corps (1403)

Length of Course: Year Grade: 12

Credit Area: Elective

Prerequisite: Instructor Approval

Cadets manage the entire corps during their fourth year. This hands-on experience affords the cadets the opportunity to put the theories of previous leadership courses into practice. All the planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets. They practice their communication, decision-making, personal-interaction, managerial, and organizational skills.

<u>AFJROTC – Global Studies (1404)</u>

Length of Course: Year Grades: 9-12

Credit Area: Social Science

Prerequisite: None

Global and Cultural Studies is a multidisciplinary course that introduces students to various regions of the world from a geographic historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America's interests and role in the world Geopolitical issues such as terrorism, economics, politics, military issues, religion environmental concerns, human rights, disease, overpopulation, literacy the migration of peoples and other cultural issues will be examined.

<u>AFJROTC – Survival (1454)</u>

Length of Course: Year Grades: 9-12

Credit Area: Elective Prerequisite: None

This course is a review of the basic survival information found in military Survival Training manuals and courses. The survival instruction will provide training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. The course also presents "good to know" information that would be useful in any situation. Students will learn how medicine procedures, clothing, and shelter can provide personal protection for a survivor in a survival situation. They will learn the necessities for maintaining life in a survival situation, as well

as how to travel and prepare for recovery. There will be added emphasis on leadership and personal development skills. The Leadership portion provides exposure to the fundamentals of management. Numerous leadership topics are explored that will benefit students as well as provide them with some of the necessary skills needed to put into practice what they learn during their time in AFJROTC.

AGRICULTURAL SCIENCE & TECHNOLOGY

Credit Area	Title	Length	<u>Grades</u>
Elective/Science	Introduction to Agriculture	Year	9-12
Science	Advanced Animal Science	Year	10-12
Science	Plant Science	Year	10-12
Elective	Agriculture Production	Semester	10-12
Elective	Veterinary Science	Semester	10-12
Elective	Food Science and Safety	Year	10-12
Elective	Master Tech: Ag. Science A/B/	/C/D Semester	10-12
Elective	Agricultural Mechanics I	Year	9-12
Elective	Agricultural Mechanics II	Year	10-12
Elective	Agricultural Mechanics III	Year	11-12
Elective	Agricultural Mechanics IV	Year	12
Elective	Fire Science	Semester	11-12
Elective	Ag Business	Semester	11-12

Note: All students enrolled in an Agriculture Science and Technology course will pay a \$25.00 class fee to cover FFA membership fees. This is a one time fee per year - not per class.

INTRODUCTION TO AGRICULTURE

Length of Course: Year Grades: 9-12

Credit Area: Semester 1- Elective, Semester 2 - Science

Prerequisite: None

This is an introductory course in Agricultural Science. Specific areas of study include breed identification (beef, sheep, and swine), animal husbandry, leadership, public speaking, parliamentary procedure, agricultural safety and horticulture. This will be an integral part of this class. Semester 1: Elective Credit. Semester 2: Science Credit.

ADVANCED ANIMAL SCIENCE

Length of Course: Year Grades: 10-12

Credit Area: Science

Prerequisite: Introduction to Agriculture

This course has been designed to focus on the various phases of animal science and the modern livestock industry, from animal products to feeding and nutrition fundamentals. Students will focus on monogastric and ruminant digestive systems; utilize production cycle data, and articulate animal welfare and animal rights issues. They will also have the opportunity to perform livestock skills with hands-on experiences. Articulated with college credit for ANS 121 Animal Science.

PLANT SCIENCE (NOT OFFERED 24-25)

Length of Course: Year Grades: 10-12

Credit Area: Science

Prerequisite: Introduction to Agriculture

This course is a combination of classroom activities and field experience. The course is designed to help you manage and develop your Agricultural Skills in practical applications. This course will provide you with knowledge about the propagation of plants for food and fiber. We cover such topics as soil science, irrigation, pest and weed control, food and fiber processing and farm operations.

AGRICULTURE PRODUCTION

Length of Course: Semester Grades: 10-12

Credit Area: Elective

Prerequisite: Introduction to Agriculture

This class is a combination of classroom activities and field experience. This course covers a wide range of agricultural topics, including plant and animal science, production, and processing, construction and repair of farm structures, business operations and management, and the careers available in the agricultural industry. Students will complete competency tasks in agriculture computers, soils and fertilizers, and beginning livestock husbandry and evaluation. Students in this course will be in charge of growing and raising plants in the greenhouse, as well as caring for the Ag Program's sheep and chicken flocks.

VETERINARY SCIENCE

Length of Course: Semester Grades: 10-12

Credit Area: Elective

Prerequisite: Introduction to Agriculture

This class teaches students about the day-to-day activities in the veterinary science field. Students will explore the field of veterinary medicine in the diagnosis and treatment of animal disease. Topics to be discussed include: veterinary terminology, anatomy and physiology, pathology, genetics, handling and restraint, and physical examinations, along with common surgical skills.

FOOD SCIENCE AND SAFETY

Length of Course: Year Grades: 10-12

Credit Area: Elective

Prerequisite: Introduction to Agriculture

Students will complete hands-on activities, projects, and problems that simulate actual concepts and situations found in the food science and safety industry, allowing students to build content knowledge and technical skills. Students will investigate areas of food science including food safety, food chemistry, food processing, food product development, and marketing.

MASTER TECHNICIAN: AGRICULTURE SCIENCE I/II/III/IV

Length of Course: Semester Grades: 10-12

Credit Area: Elective

Prerequisite: Introduction to Agriculture

Students will be completing projects to improve and serve the Ag. Science Program. Students will also teach younger students in skills they have already mastered.

AGRICULTURAL MECHANICS I

Length of Course: Year Grades: 9-12

Credit Area: Elective

Prerequisite: Introduction to Agriculture or currently enrolled in Introduction to

Agriculture

Agricultural Mechanics 1 is an introductory course that gives students the opportunity to learn valuable skills that can be applied in industry or at home. This course includes the safe operation of hand and power tools, drawing and sketching, basic electrical wiring and plumbing techniques

and practices, concrete materials, hot and cold weld works, SMAW welding and Oxy acetylene welding.

AGRICULTURAL MECHANICS II

Length of Course: Year Grades: 10-12

Credit Area: Elective

Prerequisite: Agricultural Mechanics I

Agricultural Mechanics 2 is a continuation from Agricultural Mechanics 1 with a more in-depth look into the agricultural mechanic process. This course includes welding processes, (SMAW, GMAW and Oxy Acetylene Welding), Carpentry, Small engine theory repair and maintenance, Automotive repair and maintenance, Tractor Driving, CNC plasma introduction, CNC Wood Router Introduction, and Surveying

AGRICULTURAL MECHANICS III

Length of Course: Year Grades: 11-12

Credit Area: Elective

Prerequisite: Agricultural Mechanics II

Agricultural Mechanics III will be an expansion of Agricultural Mechanics I & II. This course will include the study of machining, sheet metal welding (arc and acetylene), woodworking, basic electrical wiring and plumbing techniques and practices, basic operation and use of building and concrete materials, basic small engine theory, hot and cold metal working tools, drawing and sketching, figuring shop formulas, machine repair and upkeep, general tool usage and student projects in these areas. students will also have the opportunity to explore career possibilities and post-secondary opportunities.

AGRICULTURAL MECHANICS IV

Length of Course: Year Grades: 12

Credit Area: Elective

Prerequisite: Agricultural Mechanics III

Agricultural Mechanics IV will be an expansion of Agricultural Mechanics I, II, and III. This course will include the study of machining, sheet metal welding (arc and acetylene), woodworking, basic electrical wiring and plumbing techniques and practices, basic operation and use of building and concrete materials, basic small engine theory, hot and cold metal working tools, drawing and sketching, figuring shop formulas, machine repair and upkeep, general tool usage and student projects in these areas. students will also have the opportunity to explore career possibilities and post-secondary opportunities.

MASTER TECHNICIAN: AGRICULTURE MECHANICS A/B/C/D

Length of Course: Semester Grades: 10-12

Credit Area: Elective

Prerequisite: Ag. Mechanics 2

Students will be completing projects to improve and serve the Ag. Mechanics Program. Students will also teach younger students in skills they have already mastered.

FIRE SCIENCE (Not offered 24-25)

Length of Course: Semester Grades: 11-12

Credit Area: Elective

Prerequisite: Must be 16 years old

Biology recommended

Fire Science will cover basic wildland fire classes. This course will meet the requirements set forward by the NWCG for a Wildland Firefighter type 2. Students will complete courses in introduction to ICS (I-100), Human Factors in Wildland Fire Service (L-180), Firefighter Training (S-130), Introduction to Wildland Fire Behavior (S-190), NIMS: an Introduction (IS-700). These courses will be completed allowing an 18 year old student to be hired by the US Forest Service, Bureau of Land Management, Oregon Department of Forestry, or numerous contracting agencies. Students will meet all the requirements of these classes as well as study the history of some tragedy fires from the past. This course in the introductory class to being a wildland firefighter, setting students toward a career path.

AG BUSINESS

Length of Course: Semester Grades: 11-12

Credit Area: Elective

Prerequisite: 2 Years of Ag Classes

Studies the entrepreneurial ventures in the ag industry. May cover topics such as economic principles, budgeting, risk management, finance, business law, marketing and promotion strategies, insurance, and resource management. Other topics may include business plans, employee/employer relations, problem solving, decision making, communities and building leadership skills.

ARTS

Credit Area	Title	Length	<u>Grades</u>
Fine Arts	Art I	Year	9-12
Fine Arts	Art II	Year	10-12
Fine Arts	Business Publications	Year	9-12
CTE	Digital Art I	Year	9-12
CTE	Digital Art II	Year	10-12
СТЕ	Master Tech: Digital Art A	/B/C/D Semester	11-12

ART I

Length of Course: Year Grades: 9-12

Credit Area: Fine Arts
Prerequisite: None

This yearlong course is an indispensable foundation for beginners as well as students with some art experience already. Students learn to apply the elements of art such as line, shape, value, contrast, texture, and color in a wide variety of media including graphite, charcoal, pastel, and colored pencil. By the end of this course, students will be able to make realistic drawings from life, create the illusion of depth, and draw a real live human face. Students will be immersed in art history, learn to talk about art with fluency, and build an appreciation for visual arts and culture.

<u>ART II</u>

Length of Course: Year Grades: 10-12

Credit Area: Fine Arts
Prerequisite: Art I

In this yearlong course students will learn to apply the principles of design like movement, rhythm, and emphasis in a variety of media including watercolor, tempera and acrylic. We will explore art history, art aesthetics, as well as art criticism and each student will develop a portfolio of their work. Students will leave this course with skills and confidence that will empower their artistic progress.

BUSINESS PUBLICATIONS

Length of Course: Year Grades: 9-12

Credit Area: Fine Arts

Prerequisites: Passing grades in English class year prior

Business Publications is an elite course. It blends journalism, graphic design and photography skills to create a high-quality magazine from scratch. You learn the basics of journalism and writing in AP Style, ultimately becoming published writers with your own article. You also develop personal style guides and create your own logos through the use of design software. Finally, you learn the foundations of photography and how to incorporate that into a variety of mediums.

This course is a dual credit course with Oregon Tech, paired with BUS 256 — Business Communications (3 college credits). This course can be repeated for high school credit.

DIGITAL ART I

Length of Course: Year Grades: 9-12

Credit Area: Fine Arts
Prerequisite: None

This is a digital art class where students learn industry software such as Adobe Photoshop and Illustrator to edit and adjust photographs, create original photo manipulations, original illustrations, and commercial art such as advertisements, posters and/or logos. Stock photo imagery may be used, and taking and manipulating their own original photographs is encouraged. Students learn to competently depict different types of line, form, shape, space, texture, color, and value. They will use those in combination with balance, unity, variety, emphasis, movement, pattern, and proportion.

DIGITAL ART II

Length of Course: Year Grades: 10-12

Credit Area: Fine Arts
Prerequisite: Digital Art I

This is a digital art class where students learn industry software such as Adobe Photoshop and Illustrator to edit and adjust photographs, create original photo manipulations, original illustrations, and commercial art such as advertisements, posters and/or logos. Stock photo imagery may be used, and taking and manipulating their own original photographs is encouraged. Students learn to competently depict different types of line, form, shape, space, texture, color, and value. They will use those in combination with balance, unity, variety, emphasis, movement, pattern, and proportion.

MASTER TECHNICIAN: DIGITAL ART A,B,C,D

Length of Course: Year Grades: 11-12

Credit Area: Fine Arts

Prerequisite: Digital Art I

After completing at least 2 years on the Digital Art or Art track you're eligible to become a Master Technician. Competence in the art and design field will be learned through a series of projects that will teach you a broad range of "know-how". You'll be required to do analysis of your undertakings that could range from aiding Art I / Digital 1 students to creating a large scale mural.

BUSINESS

Credit Area	Title	Length	<u>Grades</u>
Applied Arts	Business Leadership I - IV	Semester	9-12
Fine or Applied	Introduction to Business	Semester	9-12
Fine or Applied	Marketing I	Semester	9-12
Fine or Applied	Marketing II	Semester	10-12
Fine or Applied	Marketing III	Semester	10-12
Applied Arts	Master Tech: Business A/B/C/D	Year	11-12

BUSINESS LEADERSHIP I,II,III,IV

Length of Course: Year Grades: 9,10,11,12

Credit Area: Applied Arts
Prerequisite: Intro to Business

This is a broad course designed for students interested in running the DECA Store, Henley CTE Store, and serving as a DECA Officer at Henley High School. The course includes a broad base of topics, activities, and skills sets focused on adaptability in a real-world 'lab' setting.

This course can be repeated for high school credit.

INTRODUCTION TO BUSINESS

Length of Course: Semester Grades: 9, 10, 11, 12

Credit Area: Applied Arts

Prerequisites: None

Intro to Business is an introductory course covering the basic aspects of business, marketing, management, production, accounting, and finance. Exploration of the various forms of business ownership. Examination of the role of business in the economy, and society. Discussion of cultural, ethical and current events, and trends affecting business. Exposure to multiple career fields in the areas of business. You will pick a team and build a business together.

This course is a dual credit course with Oregon Tech, paired with BUS 101 — Introduction to Business (3 college credits).

MARKETING I

Length of Course: Semester Grades: 9, 10, 11, 12

Credit Area: Applied Arts or Fine Arts

Prerequisites: Intro to Business

While Intro to Business (the prerequisite for this class) introduced you to the business world a mile wide and an inch deep, Marketing I will allow you to dive into the most fun and creative aspect of business: marketing. In this course, we'll cover a wide range of topics including consumer behavior, public relations, advertising, and sales. We will perform a number of marketing activities and projects individually and in teams that will show your skills visually.

This course is a dual credit course with Oregon Tech, paired with BUS 223 — Marketing I (3 college credits). Dual credit is awarded after a student completes Marketing I and Marketing II at Henley High School.

MARKETING II

Length of Course: Semester Grades: 10, 11, 12

Credit Area: Applied Arts or Fine Arts

Prerequisites: Intro to Business & Marketing I

Marketing II is a semester course that builds upon what you learned in Marketing I. The course will allow you to provide extra attention to marketing yourself as a person and preparing you for the workforce in whatever capacity you choose through a combination of graphic design, social media marketing, and sports and entertainment marketing, including a style guide and website.

This course is a dual credit course with Oregon Tech, paired with BUS 223 — Marketing I (3 college credits). Dual credit is awarded after a student completes Marketing I and Marketing II at Henley High School.

MARKETING III

Length of Course: Semester Grades: 10, 11, 12

Credit Area: Applied Arts or Fine Arts

Prerequisites: Intro to Business & Marketing I

Marketing III is a semester course that builds upon what you learned in Marketing I. The course will allow you to provide extra attention to marketing yourself as a person and preparing you for the workforce in whatever capacity you choose through a combination of graphic design, social media marketing, and sports and entertainment marketing, including a style guide and website.

MASTER TECH BUSINESS: A,B,C,D

Length of Course: Year Grades: 11, 12

Credit Area: Applied Arts

Prerequisites: Intro to Business, Marketing I, Marketing II

After completing the primary Business Program sequence, you're eligible to become a Business Master Tech. This class involves running the CTE Store here at Henley High and learning all of the management skills necessary to run a business. After completing this course, you can list "Assistant Manager" on your resume. Flex. This course will also identify some of the most successful future Henley alumni before they even graduate.

Carpentry/Construction Pre-Apprenticeship Program

Credit Area	Title	Length	Grades
Elective	Intro to the Trades	Year	9-12
Elective	CORE: Intro to Carpentry	Year	9-12
Elective	Carpentry I	Year	10-12
Elective	Carpentry II	Year	11-12

INTRO TO THE TRADES: TOOLS FOR SUCCESS

Length of Course: Year Grades: 9-12

Credit Area: Elective Prerequisite: None

Students will get a broad overview of the many different skilled trades needed in America today. Students will hear from guest speakers from industry as well as take tours of local industry facilities to learn more about careers in the skilled trades in our region. Students will also begin the mastery

of professional employability skills such as getting a job, keeping a job, having a strong relationship with your supervisor and co-workers, listening, speaking, written communication, managing stress on the job, thinking critically and solving problems on the job, resolving conflict, and giving and receiving criticism on the job site.

CORE; **INTRODUCTION TO CARPENTRY**

Length of Course: Year Grades: 9-12

Credit Area: Elective Prerequisite: None

Welcome to the world of construction! You are joining the eight million Americans who have chosen a career in this lucrative field. Construction is one of the nation's largest industries, offering excellent opportunities for high earnings, career advancement, and business ownership. Students in this class will learn to safely operate hand and power tools, how to read construction drawings, introduction to basic rigging and material handling, and communication skills and safety on the jobsite while completing several construction projects in class such as large planter boxes, concrete forms, convertible benches/picnic tables, and more!

CARPENTRY I

Length of Course: Year Grades: 10-12

Credit Area: Elective

Prerequisite: CORE: Intro to Carpentry

Students will complete OSHA 30 training, learn about building materials, fasteners, adhesives, safely operating hand and power tools, Students will produce several construction projects during the term such as small sheds and trailers!

CARPENTRY II

Length of Course: Year Grades: 11-12

Credit Area: Elective
Prerequisite: Carpentry I

Students will master construction drawings, construction specifications, construction layouts, flooring systems, wall systems, and ceiling Students will complete several scale construction projects building on their experiences in Carpentry I.

Education (Pre-Teaching) Program

Credit Area	Title	Length	Grades
Elective	Intro to Teaching	Semester	10-12
Elective	Families and Schools	Semester	10-12
Elective	Human Development	Semester	11-12
Elective	Supporting Human Development	Semester	11-12
Elective	Cadet Teaching I-IV	Semester	11-12
Elective	Parenting/Independent Living	Semester	9-12

KCC EDUCATION PATHWAY CERTIFICATE PROGRAM

Our education pathway provides the foundation to pursue a teaching degree and/or a career in education after graduation. Start the program sophomore year and graduate from KCC with an Education Pathway Paraeducator Certificate. You will be eligible to walk at KCC's graduation ceremony!

KLAMATH COUNTY SCHOOL DISTRICT EDUCATION PATHWAY DUAL CREDIT COURSE SCHEDULE			
YEAR 1: SOPH/JUNIORS YEAR 2: JUNIORS/SENIORS			
SEMESTER 1: SOPH/JUNIORS	SEMESTER 1: JUNIORS/SENIORS		
Introduction to Teaching	Child Development		
Health 2 (Dual Credit, Either S1 or S2)	Cadet Teaching		
SEMESTER 2: SOPH/JUNIORS SEMESTER 2: JUNIORS/SENIORS			
Family and Schools Supporting Child Development			
Health 2 (Dual Credit, Either S1 or S2)	Cadet Teaching		
Please email zurbruggm@kcsd.k12.or.us or talk to your counselor for more information.			

INTRO TO TEACHING

Length of Course: Semester Grades: 10-12

Credit Area: Elective Prerequisite: None Introduction to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. Examines daily experiences in the schools. Includes discussing personal responses to school situations, students, personnel, the roles of public schools in American society, and financial, legal, and administrative implications on instruction.

FAMILIES & SCHOOLS

Length of Course: Semester Grades: 10-12

Credit Area: Elective Prerequisite: None

Introduction to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. Examines daily experiences in the schools. Includes discussing personal responses to school situations, students, personnel, the roles of public schools in American society, and financial, legal, and administrative implications on instruction.

HUMAN GROWTH & DEVELOPMENT

Length of Course: Semester Grades: 11-12

Credit Area: Elective Prerequisite: None

The study of human development from across the life span. 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. Emphasis on the application of this knowledge in childcare and medical settings.

SUPPORTING HUMAN DEVELOPMENT

Length of Course: Semester Grades: 11-12

Credit Area: Elective Prerequisite: None

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

CADET TEACHING

Length of Course: Semester Grades: 11-12

Credit Area: Elective

Prerequisite: Pass a background check

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 the areas of teaching, record keeping, materials development, and evaluation techniques. These courses may include classroom activities involving the further study of the field or discussion regarding experiences that students encounter in the classroom. Can be repeated (I a/b-II a/b)

PARENTING & INDEPENDENT LIVING

Length of Course: Semester Grades: 9-12

Credit Area: Elective

Prerequisite: Pass a background check

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; nutrition; and the development of the self.

ENGINEERING PROGRAM

Credit Area	Title	Length	Grades
Science	Intro to Engineering Design	Year	9-12
Science	Aerospace Engineering	Year	10-12
Science	Principles of Engineering	g Year	11-12
Science	Engineering Design and Development	Year	12
Science	AutoCAD I & II	Semester/Year	11-12
Science	Master Technician: ENG	R A/B/C/D Semester	12

PROGRAM OVERVIEW

From launching space explorations to delivering safe, clean water to communities, engineers find solutions to pressing problems and turn their ideas into reality. As a Henley engineer, you will build and program robots, fly airplane simulators, use industry standard design software, build

rockets, design and build stream habitat for fish, learn to use some equipment in the shop, and a whole lot more!

INTRODUCTION TO ENGINEERING (ITE)

Length of Course: Semester Grades: 9-12

Credit Area: Science Prerequisite: None

Introduction to Engineering Design is an introductory course where students dig deep into the

engineering design process, applying math, science, and engineering standards to hands-on projects. Students design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work. You will design a wind turbine, learn to use the 3-D printer, the laser engraver, and complete VEX Robotics projects.

AEROSPACE ENGINEERING (AE)

Length of Course: Year Grades: 10-12

Credit Area: Science

Prerequisite: Passing grades in Intro to Engineering Design

Aerospace Engineering is an intermediate course that propels students' learning in atmospheric and space flight. Students explore the physics of flight and bring the concepts to life by designing gliders, drones, remote control airplanes, and rockets. They learn basic orbital mechanics using industry-standard 3-D design software and Flight simulators They also explore robot systems through projects such as remotely operated vehicles.

PRINCIPLES OF ENGINEERING (POE)

Length of Course: Year Grades: 11-12

Credit Area: Science

Prerequisite: Passing grades in Aerospace Engineering

Principles of Engineering is an intermediate course Students will explore a broad range of engineering fields through hands-on projects in varying subject areas including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while they work on wind turbines from scratch, partnering with Oregon Dept. of Fish and Wildlife Environmental Engineering Projects, VEX Robotics Projects, and many more!

ENGINEERING DESIGN & DEVELOPMENT (EDD)

Length of Course: Year Grades: 12

Credit Area: Science

Prerequisite: Passing grades in Principles of Engineering

Engineering Design and Development is an advanced course where students apply the professional skills they have developed to document a design process to industry standards. The student will be ready for a post-secondary program or career after completing EDD. Previous student projects have been designing and fabricating the Mobile Concession Stand, the Stem Trailer, Solar Conversion Projects and many more.

MASTER TECH: ENGINEERING A,B,C,D

Length of Course: Semester Grades: 12

Credit Area: Science

Prerequisite: Enrolled in EDD + Instructor Interview

Students will be completing projects to improve and serve the Engineering Program as well as

completing independent study projects. Students will also teach younger

students in skills they have already mastered

AUTOCAD I (NOT OFFERED 2024-25)

Length of Course: Year Grades: 11-12

Credit Area: Science

Prerequisite: Intro to Engineering

AutoCAD I is an entry-level CAD course that assumes little-to-no previous knowledge of the software and teaches students basic operations and commands. Candidates learn to plot, create 2-D drawings, modify drawings and print drafts. Students learn advanced isometric and orthographic drawing techniques.

AUTOCAD II (NOT OFFERED 2023-24)

Length of Course: Year Grades: 11-12

Credit Area: Science

Prerequisite: Passing grades in AutoCAD I

AutoCAD II is a continuation of AutoCAD I diving deeper into the functions of the program.

Club Opportunities

Engineering Club

The engineering club participates in field trips, social gatherings, and STEM outreach in our community! Some trips have included visiting a Maker Space, Aerospace Museums, OMSI, and

more! This is a student-led club which means students decide on the activities! Must be enrolled in an engineering class to be part of the club. Open to freshmen through seniors.

Robotics Club

Robotics club competes in VEX VRC. Students work in groups to build, code, document their work, and drive their robots in competition! The game changes every year which keeps it challenging! This club is open to all sophomores, juniors, and seniors that have completed IED and are currently enrolled in robotics, engineering, or physics.

Chief Science Officer (CSO) Program

Henley High students apply to be STEM advocates for their school. Students create, plan, and implement STEM projects for their community. Current projects include elementary robotics club and after school STEM activities. Open to sophomores, juniors, and seniors.

ENGLISH LEARNER (EL) PROGRAM

Credit Area	<u>Title</u>	Length	<u>Grades</u>
Elective	Secondary Language Development I	Semester/Year	9-12
Elective	Secondary Language Development II	Semester/Year	9-12

SECONDARY LANGUAGE DEVELOPMENT I

Length of Course: Semester/Year Grades: 9-12

Credit Area: Elective (EL Program)

Prerequisite: Student must qualify for EL services

Secondary Language Development I is open to students who are at the beginning to intermediate level of English language acquisition, as measured by the English Language Proficiency Assessment (ELPA). Students receive language instruction using curricula designed specifically for EL students, as well as academic support for core and other elective courses.

SECONDARY LANGUAGE DEVELOPMENT II

Length of Course: Semester/Year Grades: 9-12

Credit Area: Elective (EL Program)

Prerequisite: Student must qualify for EL services

Secondary Language Development II is open to students who are at the early advanced to advanced level of English language acquisition, as measured by the English Language Proficiency Assessment (ELPA). Students receive language instruction using curricula designed specifically for EL students, as well as academic support for core and other elective courses.

WORLD LANGUAGE

Credit Area	Title	Length	Grades
Foreign Language	Spanish I	Year	9-12
Foreign Language	Spanish II	Year	10-12
Foreign Language	Spanish III	Year	11-12
Foreign Language	Spanish IV	Year	11-12
Foreign Language	French I	Year	9-12
Foreign Language	French II	Year	10-12
Foreign Language	German I	Year	9-12

SPANISH I

Length of Course: Year Grades: 9-12

Credit Area: Fine/Applied Arts

Prerequisite: Passing grades in their 8th grade English Class

This is an introductory course in Spanish, offering to students an experience in foreign language learning. This course is to teach the student the fundamental skills of listening, speaking, reading and writing in a foreign language. Latin America and its people will be explored.

SPANISH II

Length of Course: Year Grades: 10-12

Credit Area: Fine/Applied Arts

Prerequisite: Passing grades in Spanish I

This is an intermediate course in Spanish, offering to interested students a continuation of foreign language learning. The student will become more confident in his/her mastery of basic communication skills taught on the first level. Emphasis is placed on vocabulary building, grammar, reading, writing, and conversational skills. The culture of Latin America and its people will continue to be explored.

SPANISH III

Length of Course: Year Grades: 11-12

Credit Area: Fine/Applied Arts

Prerequisite: Passing grades in Spanish II

This course is offered to any student with a willingness to acquire proficiency in speaking Spanish. The student will continue to build his/her mastery of communication skills. Speaking, listening, reading and writing continue to be an integral part of this course. The class will review previously presented grammar structures, introduce new grammar structures, and continue to build vocabulary. In addition, the culture of Latin America and its people will be explored.

SPANISH IV

Length of Course: Year Grades: 12

Credit Area: Fine/Applied Arts

Prerequisite: Passing grades in Spanish III

This advanced course is offered to any student with a willingness to acquire proficiency in speaking Spanish. The student will work toward mastering practical and applicable communication skills for the workplace and leisure interactions. Speaking, listening, reading and writing continue to be an integral part of this course. The class will review previously presented grammar structures, introduce new grammar structures, and focus heavily on building the student's confidence in speaking situations. In addition, the culture of Latin America and its people will be explored.

FRENCH I

Length of Course: Year Grades: 9-12

Credit Area: Fine/Applied Arts

Prerequisite: Passing grades in their 8th grade English Class

This introductory course in French offers an experience in foreign language learning. French I students learn the fundamental skills of listening, speaking, reading and writing in French. Cultural knowledge and understanding of the French speaking world is also an important part of the course.

FRENCH II

Length of Course: Year Grades: 10-12

Credit Area: Fine/Applied Arts

Prerequisite: Passing grades in French I

This intermediate French course is for students interested in continuing their foreign language study. The student will become more confident in his/her mastery of basic skills learned on the first level. Emphasis is placed on vocabulary building, grammar, reading, writing and conversational skills. The class will continue to explore French culture.

GERMAN I

Length of Course: Year Grades: 9-12

Credit Area: Fine/Applied Arts

Prerequisite: Passing grades in their 8th grade English Class

This is an introductory course in German, offering to students an experience in foreign language learning. This course is to teach the student the fundamental skills of listening, speaking, reading and writing in a foreign language.

GENERAL ELECTIVES

Credit Area	Title	Length	<u>Grades</u>
Elective	Student Government	Year	9-12
Elective	Work Experience	Semester	11-12
Elective	Office Aide	Semester	11-12
Elective	Teacher/Library Aide	Semester	11-12
Elective	Service Learning	Semester	9-12

STUDENT GOVERNMENT

Length of Course: Year Grades: 9-12

Credit Area: Elective
Prerequisite: Application

This course is designed to provide the opportunity for student council members and other student leaders to develop and improve leadership skills, learn and use parliamentary procedures, develop and implement written goals and activities for individuals and the school, and to provide assistance and support services as requested to the school and the community. The students will conduct Student Council meetings and complete the planning for school activities during this time. New class or ASB officers are required to take this course. This course cannot be taken with the pass/no pass option.

WORK EXPERIENCE

Length of Course: Semester/Year Grades: 11-12

Credit Area: Elective Grade: P/F

Prerequisite: None

Work Experience is an opportunity for Juniors and Seniors to receive credit for hours worked in their employment. In order to be eligible for this class, they must be employed and receiving wages and have a W-2 filed. The most credits a student can earn in one school year are 2 credits. To earn 0.5 credit, they must work at least 180 hours in one semester. The student must be responsible about completing and meeting deadlines for turning in required paperwork.

OFFICE AIDE

Length of Course: Semester Grades: 11-12

Credit Area: Elective
Prerequisite: Application

The purpose of the Office Aide Program is to provide students with training and career experiences in the areas of record keeping, attendance, filing, mailing, phone etiquette, receptionist and organizational skills. The students will receive actual office experience by providing assistance to the office personnel in duplicating materials, filing, sorting, typing, and message delivery.

TEACHER/LIBRARY AIDE

Length of Course: Semester Grades: 11-12

Credit Area: Elective
Prerequisite: Application

Students will work with a teacher performing assigned tasks. Students will learn organization and clerical skills as they assist teachers with assigned duties. If appropriate, students may have the opportunity to assist other students with coursework assigned by the instructor.

SERVICE LEARNING

Length of Course: Semester Grades: 9-12

Credit Area: Elective Prerequisite: None

Service learning is a method whereby students learn and develop through active participation in thoughtfully organized service that is conducted in and meets the needs of communities and helps to foster civil responsibility. Lessons gained from hands-on service heighten interest and enhance academic achievement, citizenship,l and character development.

HEALTH AND PHYSICAL EDUCATION

Credit Area	Title	Length	Grades
Physical Education	PE I	Semester	9
Physical Education	Physical Skills Dev.	Semester	9-12
Physical Education	Athletic Leadership	Semester	10-12
Health	Health I	Semester	9
Health	Health II	Semester	11

Students are required to take one semester of PE I and then they may choose the second semester from the other Physical Education courses.

PHYSICAL EDUCATION I

Length of Course: Semester Grades: 9

Credit Area: Physical Education

Prerequisite: None

Physical Education I is designed to provide students with the opportunity for continued growth and development in the areas of efficiency and expressiveness of movement, understanding of regular practice of positive fitness behaviors and the practice of appropriate self-management and social behaviors through participation in movement activities. Basic movement skills, exercise routines, individual and team activities will be incorporated into the course. There is fitness testing at the beginning and end of the course. Juniors and seniors may only take this class if they need to fulfill the Physical Education graduation requirement. This course may not be taken as an elective.

PHYSICAL SKILLS DEVELOPMENT

Length of Course: Semester Grades: 9-12

Credit Area: Elective (May meet 1 semester requirement for PE credit)

Prerequisite: Students previously enrolled in PE must have earned a passing grade to

enroll.

This co-educational course is designed to offer students the opportunity to specialize in specific athletic skill development utilizing activities such as weight training, running, and agility exercises. Students who fail this class will not be allowed to take again without instructor or administrative approval.

ATHLETIC LEADERSHIP

Length of Course: Semester Grades: 9-12

Credit Area: Elective (May meet 1 semester requirement for PE credit)

Prerequisite: None

This course will offer the student the opportunity to further develop basic to advanced physical conditioning skills, as well as focus on what it takes to be a leader in athletics and beyond.

HEALTH I

Length of Course: Semester Grades: 9

Credit Area: Health Prerequisite: None

Health I and Health II collectively cover a comprehensive high school health education curriculum. The goal of each class is to promote healthful living, discourage health-risks behaviors, and develop effective coping strategies with the purpose of reinforcing healthy living that will extend into adulthood. Health I emphasizes wellness, nutrition, fitness and personal health, healthy relationships, body systems, tobacco, and drug education.

HEALTH II

Length of Course: Semester Grades: 11

Credit Area: Health Prerequisite: None

Health I and Health II collectively cover a comprehensive high school health education curriculum. The goal of each class is to promote healthful living, discourage health-risk behaviors, and develop effective coping strategies with the purpose of reinforcing healthy living that will extend into adulthood. Health II emphasizes mental health, human development across the lifespan, healthy relationships, alcohol, CPR, and first aid education.

HEALTH OCCUPATIONS

Credit Area	Title	Length	Grades
Elective	Intro to Health Occupations	Semester	9-12
Elective	Health Occupations I *College Credit Offered	Year	11-12
Elective	Health Occupations II/	Year	12

Certified Nurse Assistant Option *College Credit Offered

Elective	Sports Medicine	Semester	9-12
Elective	Patient Care *College Credit Offered	Semester	10-12
Elective	First Aide and Beyond *College Credit Offered	Semester	9-12
Elective/Health I	Nutrition and Wellness	Semester	9-12
Elective	Medical Asst. Pre-App	Year	11-12

HEALTH OCCUPATIONS CLUSTER

The Health Occupations cluster of classes will prepare high school students for entry-level employment and/or continuation in post-secondary training in an area of healthcare upon graduation. There are considerable legal, ethical, and safety considerations for the student, health-care provider, and patient in this program. Students wishing to enroll in these classes must, therefore, have sufficient academic background and demonstrate a level of maturity necessary to function responsibly in a variety of clinic situations.

INTRODUCTION TO HEALTH OCCUPATIONS

Length of Course: First Semester Grades: 9-12

Credit Area: Elective Prerequisite: None

Introduction to Health Occupations is the first in a series of three sequential classes offered in the Klamath County Health Occupations Program (HOP). It is intended for any students with a possible interest in the healthcare industry. The course is divided into three units of study that will introduce students to many aspects of the healthcare industry. The course prepares students for greater understanding and appreciation of clinical procedures; they will be observing the future participation in Health Occupations I and II classes and beyond.

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 than the OIT college credit classes currently offered at some high schools 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.

HEALTH OCCUPATIONS I

Length of Course: Full Year Grades: 11-12

Credit Area: Elective

Fee: Purchase of scrubs at the beginning of the year: Prerequisite: Passing grades in Intro to Health Occupations

Health Occupations I is the second in the series of three HOP classes. This course is also offered as a V-Tel class second period. Health Occupations I is designed for students to explore various health care occupations of interest. Some of the topics covered in the classroom include infection control, universal precautions, medical ethics, patient confidentiality, medical terminology, CPR and anatomy and physiology. Current issues and trends in health care are explored through group debates, guest speakers and classroom activities.

Students have the option of joining HOSA (Health Occupations Students of America), a national student organization for students enrolled in health occupations programs. Participation in HOSA brings opportunities to compete in health-related events at the state and national levels.

Through completion of the class, students may be eligible for college credit. Credits are awarded for American Heart Association Healthcare Provider CPR (1 credit), American Heart Association First Aid (1 credit) and Introduction to Medical Terminology (3 credits).

HEALTH OCCUPATIONS II - CERTIFIED NURSING ASSISTANT OPTION

Length of Course: First Semester Grades: 12

Credit Area: Elective

Prerequisite: Passing grades in Health Occupations I

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 Nursing Assistant class has approval by the Oregon State Board of Nursing and will be taught by a Registered nurse at Sky Lakes Medical Center. 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 after graduation.

The Nursing Assistant class will meet two to three times a week for five hours per week for the entire academic year. The class will also meet a few times on Saturdays. Strict attendance standards are expected of all students to complete the course. Students are responsible for their own transportation.

Fees: (May Vary)

- Exam fee for State Board exam, \$106, payable to the State Board of Nursing in April
- OSBN background check fee, \$54.00, upon completion of exam
- OSBN fingerprinting, \$15.00, upon completion of exam
- Students must purchase the following supplies at the beginning of the class:
 - o Scrubs, \$18.00
 - o Stethoscope, \$20

SPORTS MEDICINE (Not offered 24-25)

Length of Course: Semester Grades: 90-12

Credit Area: Elective

Prerequisite: Introduction to Health Occupations

This Sports Medicine course will provide students with the knowledge and skills to understand and perform 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.

PATIENT CARE

Length of Course: Semester Patient Care Grades: 10-12

Credit Area: Elective
College Credit: TBA at OIT

Prerequisite: Health Occs. 1 or Instructor Interview

The course prepares students for clinical procedures they will be observing in Health Occ. I and II classes. Students will learn about the vast opportunities in health care, introduce students to anatomy and physiology and give hands-on training in various clinical skills like casting/splinting, transferring patients, IV starts and more.

FIRST AID AND BEYOND

Length of Course: Semester Grades: 9-12

Credit Area: Elective

Certifications: American Heart Association First Aid/CPR Card, FEMA Basic Community Response

Certification

College Credit: HEA 252 (3 Credits)

This class will cover emergency treatment of injuries and illness in a variety of situations in remote locations. Methods of prevention to reduce or eliminate potentially dangerous situations. Passing of proficiency tests leads to First Aid and CPR certification through the National Safety Council as well as a FEMA Basic Community Response Certification

NUTRITION AND WELLNESS

Length of Course: Semester Grades: 9-12

Credit Area: Elective/Health I

Students will develop a deep understanding of how to be physically, mentally, socially, and emotionally healthy, as well as the role that wellness, sleep, physical fitness, nutrition, and cardiovascular health contribute to well-being and longevity.

MEDICAL ASSISTANT PRE-APPRENTICESHIP

Length of Course: Year Grades: 12

Credit Area: Elective

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 25 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

LANGUAGE ARTS

Credit Area	Title	Length	Grades
Language Arts	English I	Year	9
Language Arts	English II	Year	10
Language Arts	English III	Year	11
Language Arts	English IV	Year	12
Language Arts	Senior Composition/	Year	12

Writing 121

Language Arts	Advanced English I	Year	9
Language Arts	Advanced English II	Year	10
Language Arts	Advanced English III	Year	11
Language Arts	Advanced English IV/ Writing 122 & Comm 111	Year	12
Fine Arts	Theater Workshop	Semester/Year	9-12
Fine Arts	Yearbook	Year	10-12

SEQUENCE OF ENGLISH CLASSES

Four credits of English are required for graduation:

- 1 credit of English I
- 1 credit of English II
- 1 credit of English III or Advanced English III (Writing 121)
- 1 credit of English IV or Composition (Writing 121) or Adv. English IV (Writing 122/Comm 111)

Advanced Course Placement:

Placement in Advanced English I, Advanced English II, Advanced English III, and Advanced Comp 121 & 122 is through the following processes:

Advanced English I - Interested students obtain application packets at registration time in the spring of their eighth grade year.

High school English staff will place a student in Advanced English I based on:

- student's scores on standardized reading and writing assessment scores
- student's writing work sample

Advanced English II - Interested students obtain application packets at registration time in the spring of their ninth grade year.

High school English staff will place a student in Advanced English II based on:

- student's scores on standardized reading and writing assessment scores
- student's writing work sample

Advanced English III/Writing 121 - Interested students obtain application packets at registration time in the spring of their tenth grade year.

High school English staff will place a student in Advanced English II based on:

- student's scores on standardized reading and writing assessment scores
- student's writing work sample

• student's recommendations provided by sophomore English teacher and teachers from two other departments

Advanced Composition 121 & 122 - Interested students obtain application packets at registration time in the spring of their junior year. Requirements set by OIT for dual credit for this class are passing scores on the OIT placement tests in reading and writing, and the completion of an application packet which includes a writing sample and teacher evaluations. Adherence to OIT's policies is required.

ENGLISH I

Length of Course: Year Grades: 9

Credit Area: Language Arts

Prerequisite: None

This course deals with basic skills of communicating and interpreting information in either written or spoken form. Emphasis is placed on the writing process, conventions, literature, study skills, and vocabulary development. Students will write in imaginative, narrative, and expository modes, and begin to use internal citations.

ENGLISH II

Length of Course: Year Grades: 10

Credit Area: Language Arts
Prerequisite: English I

This course will build skills needed for success in writing all modes with an emphasis on analytical traits as writing components. The students will continue in the areas of focus from English I. Themes arising in the literature will be used as a basis for writing. Students will write in narrative and persuasive modes. The course emphasizes the development of vocabulary and study skills.

ENGLISH III

Length of Course: Year Grades: 11

Credit Area: Language Arts
Prerequisite: English II

English III will improve and polish student writing skills with an emphasis on the research paper using MLA format. The students will continue in the areas of focus from English I and II. Students will study a variety of American literature. Emphasis will be placed on vocabulary development.

ENGLISH IV

Length of Course: Year Grades: 12

Credit Area: Language Arts Prerequisite: English III

English IV will give students additional experience in written and oral communication with an emphasis on practical application. Students will primarily study British literature. Vocabulary development will continue. Students will apply the areas of focus from English I, II, and III. Students will demonstrate the use of research, writing (using MLA format), speaking and study skills.

ADVANCED ENGLISH I

Length of Course: Year Grades: 9

Credit Area: Language Arts

Prerequisite: See above for advanced English placement

The course is designed for students working toward the Honors Diploma. This course deals with advanced grade level skills of communicating and interpreting information in either written or spoken form. Emphasis is placed on the writing process, conventions, literature, study skills, and vocabulary development. This course prepares students to write in imaginative, narrative, and expository modes, and begins teaching students how to use internal citations.

ADVANCED ENGLISH II

Length of Course: Year Grades: 10

Credit Area: Language Arts

Prerequisite: English I and see above for advanced English placement

The course is designed for students working toward the Honors Diploma. This course will build skills needed for success in all modes with an emphasis on analytical traits as writing components. The students will continue in the areas of focus from Advanced English I. Literature will be used as a basis for writing. The course emphasizes the development of vocabulary and study skills.

ADVANCED ENGLISH III SEMESTER 1

Length of Course: Year Grades: 11

Credit Area: Language Arts

Prerequisite: English II and see above for advanced English placement

This course will help advanced English students develop college-level composition skills. Students will complete WRI 121: English Composition as part of this course and will have the option to earn

college credit through OIT. The literature component will emphasize American literature. The course is designed for students working toward the Honors Diploma.

ADVANCED ENGLISH IV

Length of Course: Year Grades: 12

Credit Area: Language Arts

Prerequisite: English III and see above for advanced English placement

This course will help advanced English students further develop their composition skills, especially in argumentative academic writing. Students will complete the first half of WRI 122 as part of this course and will have the option to earn college credit through OIT at the end of Semester 2. The literature component will emphasize British and world literature. Students will also complete Comm 111: Public Speaking as part of this course and will have the option to earn college credit through OIT. The course is designed for students working toward the Honors Diploma.

SENIOR COMPOSITION

Length of Course: Year Grades: 12

Credit Area: Language Arts

Prerequisite: English III plus passing scores on the OIT placement test

This course will help senior English students develop college-level composition skills. Students will complete WRI 121: English Composition as part of this yearlong course and will have the option to earn college credit through OIT. The literature component will emphasize British and world literature. The course is designed for students working toward the Honors Diploma.

THEATER WORKSHOP (Not offered 24-25)

Length of Course: Semester/Year Grades: 9-12

Credit Area: Fine Arts
Prerequisite: None

Theater Workshop provides students with the opportunity to develop performance skills, analyze performance pieces, and review components of technical theater. Students will also learn about theater etiquette and build self-confidence and self-awareness as they participate in class. Students will work on individual and collaborative pieces to demonstrate their learning, including brief onstage performances.

YEARBOOK

Length of Course: Year Grades: 9-12

Credit Area: Fine Arts

Prerequisite: Passing scores in English

Access to the Internet from home.

Students in this year-long course will publish the school yearbook. Students will be responsible for selling and designing ads, planning pages, writing copy, taking and placing photos. Students will compose pages on computers using the Internet.

MATH

Credit Area	Title	Length	<u>Grades</u>
Math	Math Lab	Year	9
Math	Algebra I	Year	9-12
Math	Geometry/Statistics	Year	9-12
Math	Algebra II	Year	9-12
Math	Statistics	Semester	10-12
Math	PreCalculus	Year	10-12
Math	Calculus	Year	11-12

MATH LAB

Length of Course: Semester/Year Grades: 9

Credit Area: Elective Prerequisite: Placement

Students in this course will get a preview of future lessons to be taught. Students will get a review of lessons that have been taught. Students will also get a second look and added support to previously taught lessons.

ALGEBRA I

Length of Course: Year Grades: 9-12

Credit Area: Mathematics

Prerequisite: None

This course will involve students in performing the basic operations of addition, subtraction, multiplication, and division, using the real number system. Students will learn to solve

equations, formulas, and inequalities. Algebraic concepts and skills will be applied to problem solving.

GEOMETRY/STATISTICS

Length of Course: Year Grades:10-12

Credit Area: Mathematics

Prerequisite: One year of Algebra I

This course is designed to present all of the geometric concepts usually presented in a Formal Geometry course in an investigative and application-oriented format. It emphasizes a hands-on approach to learning geometric skills while reviewing and extending their understanding of algebra. The statistics portion will focus on data science.

SURVEY OF MATHEMATICS

Length of Course: Year Grades: 11-12

Credit Area: Mathematics

Prerequisite One year of Geometry/Statistics

A study of various topics including an introduction to estimation, algebra, geometry, consumer mathematics, probability and statistics, with an emphasis on critical thinking and interpreting results. Other topics may be covered at the discretion of the instructor.

ALGEBRA II

Length of Course: Year Grades: 11-12

Credit Area: Mathematics

Prerequisite: Algebra I and Geometry

Algebra II is a review and extension of concepts and skills developed in Algebra I. Successful completion of Algebra II will prepare students to take Advanced Math/Trigonometry.

PRECALCULUS

Length of Course: Year Grades: 11-12

Credit Area: Mathematics

Prerequisite: Passing grade in Advanced Math, Algebra II and passing scores on college

placement

This course introduces graphs of functions (linear, quadratic, polynomial, rational, exponential, and logarithmic). This course reinforces traditional mathematical concepts and learning techniques with current graphic calculator technology emphasizing technical reading, writing and

creative thinking skills. Second semester covers exponential and logarithmic functions, and the study of trigonometry and vectors.

CALCULUS

Length of Course: Year Grades: 11 & 12

Credit Area: Mathematics

Prerequisite: Passing grade in Math 111 and Math 112; college placement into Calculus

This is math 251 & 252 is a college level calculus class. Students enrolled in Math 251 & Math 252 will be required to pursue college credit through the institution that articulates the course with the high school. This course introduces limits, continuity, and differentiation. Applications include linear approximation, graphing techniques, and maximum/minimum problems. Students are introduced to writing precise mathematical arguments. The second semester introduces integration, developed as a limit of Riemann sums. Covers the first and second forms of the Fundamental Theorem of Calculus, the techniques of integration, and numerical integration. Applications are selected from length, area, volume, work and motion. Students are expected to understand and reproduce precise mathematical arguments.

MUSIC

Credit Area	Title	Length	<u>Grades</u>
Fine Arts	A.C. Choir	Year	10-12
Fine Arts	TOC Chamber Choir	Year	11-12
Fine Arts	Chorus	Year	9-12
Fine Arts	Symphonic Band	Year	9-12
Fine Arts	Concert Band	Year	9-12
Fine Arts	Jazz Band	Year	9-12
Finet Arts	Percussion	Year	9-12
Fine Arts	Music Appreciation	Year	9-12
Fine Arts	String Ensemble	Year	9-12

A.C. CHOIR

Length of Course: Year Grades: 10-12

Credit Area: Fine Arts

Prerequisite: Audition/Previous choir experience

This course provides the student with the experience of singing SATB choral literature of all styles and periods of music, accompanied, and a cappella. AC Choir is a competition choir.

TOUCH OF CLASS CHAMBER CHOIR

Length of Course: Year Grades: 11-12

Credit Area: Fine Arts

Prerequisite: Audition/Previous choir experience

This class is a small group of the best musicians and will concentrate on performing.

CHORUS

Length of Course: Year Grades: 9-12

Credit Area: Fine Arts
Prerequisite: None

This course provides the student with the opportunity to participate and appreciate the experience of singing SAB choral literature of many styles. Includes lessons in sight singing, music theory, and music history. Students must have an interest in singing.

SYMPHONIC BAND

Length of Course: Year Grades: 9-12

Credit Area: Fine Arts
Prerequisite: Audition

Wind Ensemble is the premiere instrumental group at the Henley Complex open for students in grades 9-12 who have passed an audition or secured a recommendation from the band director. This ensemble is committed to the highest forms of musical excellence with goals that include qualifying for the Oregon State Band Championship and pioneering why music matters in our community. Alongside these goals, students in this group are expected to maintain above a 2.0 GPA and exemplify the outstanding character of our Henley students. This class also makes up part of the Pep/Marching bands that play at home varsity football and basketball games as well as march in the Veteran's Day Parade and Snowflake Parade.

CONCERT BAND

Length of Course: Year Grades: 9-12

Credit Area: Fine Arts

Prerequisite: None

Concert band is an instrumental performing group open to students in grades 9-12. This ensemble serves as a class for high school band students to continue to develop their musicianship and performance skills. Concert band makes up part of the Pep/Marching bands that play at home varsity football and basketball games as well as march in the Veteran's Day Parade and Snowflake Parade.

JAZZ BAND

Length of Course: Year Grades: 9-12

Credit Area: Fine Arts

Prerequisite: Simultaneous enrollment in Wind Ensemble/Concert Band and

recommendation from band director.

Jazz Band is an instrumental performing group open to students in grades 9-12 and introduces high school musicians to jazz literature. This group only accepts saxophones, trombones, trumpets, guitar players (that can read both tablature and music notation), bass players (that can read both tablature and music notation), drum set players, and pianists (that can read music). This group plays around the community, concerts and festivals.

PERCUSSION ENSEMBLE/DRUMLINE

Length of Course: Year Grades: 9-12

Credit Area: Fine Arts
Prerequisite: Audition

MUSIC APPRECIATION

Length of Course: Year Grades: 9-12

Credit Area: Fine Arts
Prerequisite: None

STRING ENSEMBLE Grades 9-12

Length of Course: Year
Credit ARea: Fine Arts
Prerequisite None

SCIENCE

Credit Area	Title	Length	<u>Grades</u>
Science	Physical Science	Year	9
Science	Biology	Year	9-10
Science	Field Biology	Semester	11-12
Science	Environmental Science	Year	11-12
Science	Aqua Biology	Semester	11-12
Science	Chemistry	Year	10-12
Science	Advanced Chemistry	Year	11-12
Science	Physics	Year	11-12
Science	Anatomy and Physiology	Year	11-12
Science	Genetics/Microbiology	Year	11-12
Science	Science Issues	Year	11-12

PHYSICAL SCIENCE

Length of Course: Year Grades: 9

Credit Area: Science Prerequisite: None

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

Length of Course: Year Grades: 9-10

Credit Area: Science

Prerequisite: Physical Science or Application

Biology is a college preparatory, laboratory-oriented science course about living things and their relationship to man. The course centers on the structure and function of living organisms. Topics include cell biology, heredity, evolutionary theory, diversity of organisms, and ecology.

FIELD BIOLOGY

Length of Course: Year Grades: 11-12

Credit Area: Science Prerequisite: Biology

This course is designed for students who have a special interest in the biology of plants and animals in our local areas as well as statewide. Specific areas of study will include studies of local fish, amphibians, reptiles, birds, and mammals. Ecology of the Klamath Basin will also be discussed. Students will also learn to use keys for the identification of both plants and animals. Uses of wild edible plants and trees will also be incorporated with a section on wildlife photography. This course will be taught by a lecture/discussion method with as much field experience as possible to supplement unit work. Several projects involving "in the field" studies will be required. Several field trips will be planned to tie together class work and practical experience.

MARINE BIOLOGY

Length of Course: Year Grades: 11-12

Credit Area: Science Prerequisite: Biology

This course is designed for students who have a special interest in biology as it pertains to the aquatic environment. Specific areas to be covered are biological oceanography and limnology. There will be detailed study of aquatic flora and fauna from the intertidal zone, coral reefs, to the depths of the ocean. Freshwater lotic and lentic systems will also be looked at in detail. Other topics of discussion will be aquaculture, fishing industries, marine mammals, local aquatic organisms, marine ecology, and careers in aquatic science. This course will be taught by lecture/discussion with lab work to supplement unit work. Outside reading and at least one project will be required in this course. One or two trips will be included as they illustrate concepts covered in discussions.

CHEMISTRY

Length of Course: Year Grades: 11-12

Credit Area: Science (10 with application)

Prerequisite: Passing grades in Algebra, Biology

The purpose of this course is to increase the student's knowledge and understanding of chemistry topics, including chemistry as an experimental science, the properties of matter, the language of chemistry, atomic structure, predicting chemical properties, chemical bonding, kinetic energy of matter, properties of solutions, chemical reactions and other selected topics. Chemistry is a laboratory-oriented course for students with a strong interest in science.

ADVANCED CHEMISTRY

Length of Course: Year Grades: 11-12

Credit Area: Science

Prerequisite: Passing grades in Biology and Chemistry

The purpose of this class is to give the student an in-depth understanding of chemistry. The course covers atomic structure, chemical bonding, stoichiometry, gas laws, kinetics, organic chemistry, and nuclear chemistry. Advanced chemistry is designed to cover procedures and topics encountered as a college freshman in general chemistry. *May be taken for college credit.

PHYSICS

Length of Course: Year Grades: 11-12

Credit Area: Science

Prerequisite: 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. *Offered alternating school years.

ANATOMY AND PHYSIOLOGY

Length of Course: Year Grades: 11-12

Credit Area: Science

Prerequisite: Passing grades in Biology and Chemistry

Anatomy and Physiology is designed to introduce students to the intricacy and beauty of the human body in health and disease. This course serves as a forum for the application of basic science concepts (e.g. biology, chemistry, physics) to the study of the human body. It is structured to facilitate the development and enhance a student's problem solving and critical-thinking skills. The course is designed as a hands-on, laboratory-based science, guiding students through a series of carefully structured exercises involving actual medical case histories. Using both deductive and inductive reasoning processes, the students will study all the major systems of the body anatomically and functionally, health and nutrition, disease processes, health implications of various life-styles and the major elements of the healthcare system. *May be taken for college credit.

GENETICS/MICROBIOLOGY

Length of Course: Semester Grades: 10-12

Credit Area: Science

Prerequisite: Biology and Chemistry

This course is designed for the student who has a genuine interest in biology and wants to explore genetics and microbiology in more detail. Areas to be looked at will include virology, Mendelian genetics, genetic engineering, bacteriology, parasitology, and ecology. Offered alternating school years.

SCIENCE ISSUES

Length of Course: Semester Grades: 11-12

Credit Area: Science

Prerequisite: Biology and Chemistry

This course is designed for the student who has a genuine interest in biology and wants to explore the relationship between ecology, resource management, technology, economics and social ethics. Emphasis will be given to current problems and conflicts. Offered alternating school years.

SOCIAL STUDIES

<u>Credit Area</u>	Title	Length	<u>Grades</u>
Global Studies	Global History	Year	10
US History	US History	Year	11
US History	Advanced Placement US History	Year	11-12
Government	American Government	Semester	12
Economics	Economics	Semester	12
Elective	Sociology	Semester	11-12
Elective	Law and Justice	Semester	11-12
Elective	Psychology	Year	11-12

GLOBAL HISTORY

Length of Course: Year Grades: 10

Credit Area: Global Studies

Prerequisite: None

This is a year-long required course that covers recent global history from the Industria Revolution to contemporary times.

Fall Semester Spring Semester

Industrial RevolutionThe Interwar worldGlobal imperialismThe Second World WarRevolution & nationalismCommunism and capitalism

The Great War Modern globalism and contemporary

The interwar world issues

US HISTORY

Length of Course: Year Grades: 11

Credit Area: US History

Prerequisite: None

This required course is one year in length and covers the history of the United States from the Reconstruction Era and Close of the Frontier to the 1980s. The course consists of the following units: Reconstruction/Close of the Frontier, Gilded Age, American Imperialism, Progressive Era-WWI, Roaring Twenties, Great Depression and New Deal, WWII Home Front, Fifties Culture and Cold War, Civil Rights, Sixties Culture and Vietnam, Conservative Revolution.

US HISTORY HONORS

Length of Course: Year Grades: 11-12

Credit Area: US History
Prerequisite: Application

Advanced Placement US History is a one-year chronological survey of American History from colonial times through the 1900s. The course is designed for juniors and seniors. It stresses analytical thought, research and study skills, social science concepts in history, political science, geography and economics, as well as major interpretive trends and basic factual knowledge. This course is designed to prepare students to take the national college-level Advanced Placement Examination in May. Students passing this exam may receive advanced placement and/or credit at many colleges and universities. Dual Credit is also available through Klamath Community College.

AMERICAN GOVERNMENT

Length of Course: Semester Grades: 12

Credit Area: Government

Prerequisite: None

The purpose of this course is to introduce the foundations and institutions of American federal governments. More specifically, the course will focus on ideology, constitutions, federalism, and

the three branches of our 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 in 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

Length of Course: Semester Grades: 12

Credit Area: Economics

Prerequisite: None

Economics is the study of how individuals and nations make choices about ways to use their scarce resources to fill their needs and wants. 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, taking into account two important reasons for its study. The first has 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.

INTRODUCTION TO ARCHAEOLOGY

Grades

10-12

Length of Course: Semester Credit Area: Elective Prerequisite: None

Intro to Archaeology is a one semester elective-credit course that provides an overview of the earliest human civilizations—from ancient Mesopotamia, to the Near East and Egypt, and the classics of Europe, including early civilizations and cultures of the far east and North and South America. We will explore the developments of human inventions and cultural norms, as well as discuss the massive impact that these developments have today.

SOCIOLOGY (Not offered 24-25)

Length of Course: Semester Grades: 11-12

Credit Area: Elective Prerequisite: None Sociology is the study of how societies and cultures function and how human behavior is shaped by cultural, structural, and institutional forces. It offers not only understanding but also a set of tools that will help people survive and make choices in a confusing world.

PSYCHOLOGY

Length of Course: Year Grades: 11-12

Credit Area: Elective Prerequisite: None

Why do people do what they do? This course is designed to develop knowledge of the basic foundations of human behavior, and to integrate psychology into our everyday lives. Topics include states of consciousness, learning, behavior, personality, stress, and psychological disorders. This course prepares students for the study of psychology at the college level.

SENIOR SEMINAR/PERSONAL FINANCE

Length of Course: Year Grades: 12

Credit Area: Career Exploration

Prerequisite: None

Senior Seminar is designed to help senior students develop tools, identify interests, and hone skills to be successful after graduation. Semester I includes career/college readiness, exploring a post high school plan, guest speakers, and the senior project.

Semester II includes Personal Finance which 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.

SPECIAL SERVICES

Credit Area	Title	Length	Grades
Elective	Remedial Skills	Semester/Year	9-12
Elective	Incight	Semester	11-12

SUPPORTIVE STUDIES

Length of Course: Semester/Year Grades: 9-12

Credit Area: Elective (Special Education)
Prerequisite: Student must have a current IEP

Supportive Studies is open only to those students with a current Individual Education Plan written and certified according to state and federal laws. The instruction is completely individualized based on evaluation of student needs.

MATH LAB Grades: 9-12

Length of Course: Semester/Year

Credit Area: Elective (Special Education)

Student must have current IEP

Math Essentials is open to those students with math goals identified in the Individual Education Plans. Instruction is individualized based on student goals and needs identified in the Individual Education Plan.

SENIOR SEMINAR: INCIGHT

Grades: 11-12

Length of Course: Semester

Credit Area: Elective (Special Education)

Student must have current IEP

Incight is open to students in grades 11-12 with an active Individualized Education Plan. This course offers instruction in services and supports available to students with disabilities to aid in the successful transition from high school to adult life.

ELA LAB Grades: 9-10

Length of Course: Semester/Year

Credit Area: Elective (Special Education)

Student must have current IEP

Applied ELA Lab is open to students in grades 9-10 with Language Arts goals identified in their Individual Education Plans. This course offers supplemental instruction in reading and writing. as outlined in their Individual Education Plans, to help meet their current goals and support students in their general education courses.