

GERVAIS HIGH SCHOOL



2022-23 COURSE CATALOG

HOME OF THE COUGARS

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CREDITS

Unlike all K – 8th grade classes, all high school classes earn “credits.” Credits are the units by which academic progress is measured. Each semester class a student successfully passes may earn the student up to 0.5 credits for passing. To “pass” a class a student must earn an “A”, “B”, “C” or “D”. A failing grade, “F”, earns a student 0.0 credits. Although “D’s” are passing grades we highly recommend C’s or better as college admissions do not accept D’s as passing grades and we want to help all students have multiple options once they graduate from high school.

At GHS students have the potential to earn 6.50 credits per year (with the successful completion of 12 classes (6.0 credits) and .25 elective credits earned for each semester of Advisory). Students must earn 24.0 credits total, in the correct areas (Math, Language Arts, Science, etc.), to graduate from Gervais High School. (See the chart below for current graduation requirements)

GHS GRADUATION REQUIREMENTS

(Credits, Essential Skills, Community Service)

There are three (3) types of requirements for a student to fulfill to graduate from Gervais High School:

1. Earn 24 credits
2. Prove proficiency of state required “essential skills”
3. Complete required community service hours

See below for details on each of the three requirements

1. CREDITS

Credits toward graduation are granted after successful completion of course work. To graduate, students must successfully complete the # of credits listed below and in the following areas:

SUBJECT AREA	CREDITS REQUIRED
<i>English</i>	4.0
<i>Mathematics (Algebra 1 and above)</i>	3.0
<i>Social Science</i>	3.0
<i>Science</i>	3.0
<i>Arts, Second Language, Career & Technical Education</i>	3.0
<i>Health Education</i>	1.0
<i>Physical Education</i>	1.0
<i>Senior Survey</i>	0.5
<i>Electives</i>	5.5
TOTAL	24 Credits

2. Essential Skills requirements in Reading, Writing and Math (as required by the state of Oregon)

All students must demonstrate proficiency to read and comprehend a variety of texts, write clearly and accurately, and apply mathematics in a variety of settings. Students can meet this requirement in a variety of ways including: SBAC, PSAT, SAT, ACT, WorkKeys, & Essential Skill Work Samples.

[These requirements have been waived for the classes of 2023 - 2024]

3. Community Service Hours

For school year 2022 - 23 we expect the required hours will be:

Freshman – 20 hours

Sophomores – 30 hours

Juniors – 30 hours

Seniors – 40 hours

[These requirements have been waived for the classes of 2020-2023]

The graduation requirements on the previous page are for graduating from Gervais High School, but many of you have your sights set on attending a four-year college or university. Those entrance requirements are a bit higher than high school exit requirements.

See below for typical college entrance requirements.

COMMON ENTRANCE REQUIREMENTS - PUBLIC COLLEGES & UNIVERSITIES

[All require “C” grades, or better, in all of these classes]

- **English** – 4 credits (must include college-prep courses if available)
- **Science** – 3 credits (recommended that classes include lab sciences)
- **Social Studies** – 3 credits
- **Math** – 3 credits (at least through Algebra II or higher)
- **Foreign Language*** – 2 years of the same foreign language

Since college entrance is competitive, the higher your grades, and the harder classes you take, the better!

GHS HONORS DIPLOMA

Students who desire to be challenged to achieve academic excellence and increase their chances for success in college or other post-secondary programs, are encouraged to pursue the GHS Honors Diploma.

I. Eligibility Requirements

- A. Earn a minimum cumulative GPA of **3.50** by the end of 1st semester of the senior year, with no individual course grades lower than a “C”, and without grade replacement (retaking a course to get a better grade).
- B. Complete at least **26** credits by the end of senior year.
(24 Credits are needed for graduation. The list below requires a year of Math, and a year of Science, beyond graduation requirements)
- C. Complete all other graduation requirements.
- D. Earn at least **10.0** credits from successfully completing honors requirements from embedded honors courses and/or college credits. Embedded honors classes means each student can choose to complete the regular classwork and assessments, or the honors level classwork and assessments. By completing the “honors” level work in a class successfully a student will have the “Honors” title put on their transcript for that course. Example - English 10 becomes Honors English 10.

<u>II. Honors Diploma Credit Requirements</u>	<u>Credits</u>	<u>Regular Diploma Credit Requirements</u>
Arts / CTE	1.0	3.0 (the regular diploma combines
World Languages (same language)	2.0	Arts/CTE/World Languages)
English	4.0	4.0
Health	1.0	1.0
Math	4.0	3.0
PE	1.0	1.0
Science	4.0	3.0
Senior Survey	0.5	0.5
Social Studies	3.0	3.0
Electives	<u>5.5</u>	<u>5.5</u>
TOTAL	26.0	24.0

III. Other Requirements

- A. Students earning an Honors diploma must exhibit academic integrity. Students who have even a single incident of academic dishonesty or plagiarism, will not be eligible to earn an Honors diploma.
- B. Complete an “Honors Diploma” application by the end of first semester of senior year.

IV. Graduation Honors

A. Valedictorian

We will recognize the senior student with the highest cumulative GPA over the first seven (7) semesters in high school, who also earns an Honors diploma, as that year's valedictorian. In the case of ties, there may be multiple valedictorians.

B. Salutatorian

We will recognize the senior student with the next highest cumulative GPA over the first seven (7) semesters in high school, who also earns an Honors diploma, as that year's salutatorian. In the case of ties, there may be multiple salutatorians.

For the Class of 2023 all requirements for earning the Honors Diploma remain the same, except:

- Complete at least ~~26~~ **25** credits by the end of senior year.
*(Credits needed for graduation is 24. The list below requires a year of Math, ~~and~~ **OR** a year of Science, beyond graduation requirements)*
- Earn at least ~~10-0~~ **3.0** credits from successfully completing honors requirements in embedded honors courses.
(No grade lower than a "C".)

For the Class of 2024 all requirements for earning the Honors Diploma remain the same, except:

- Earn at least ~~10-0~~ **7.0** credits from successfully completing honors requirements from embedded honors courses.
(No grade lower than a "C".)

CRITERIA FOR VALEDICTORIAN and SALUTATORIAN

- The valedictorian and salutatorian must fulfill all graduation requirements (credits, essential skills, community service).
- The cumulative GPA of all senior students at the end of the **first** semester of the senior year will be used to determine the class salutatorian(s) and valedictorian(s). The highest GPA will determine the class valedictorian, and the 2nd highest the class salutatorian. In the case of GPAs that are within 0.05 of each other, course difficulty will be considered (advanced coursework, college coursework, etc.). It is possible that multiple valedictorians and salutatorians will be honored.
- The valedictorian and salutatorian must have been enrolled in a high school program for four years.
- The valedictorian and salutatorian must have been enrolled at Gervais H.S. for both semesters of their senior year. *Unique circumstances will be considered.
- The salutatorian and valedictorian must each have been enrolled in at least 5 classes during the first semester of the senior year.
- Only original grades will be considered for salutatorian and valedictorian. Higher grades due to retaking classes will not be considered for consideration of salutatorian and valedictorian.
- Foreign exchange students may not be considered.

CREDIT RECOVERY PROGRAMS

If a student fails a course, we generally do not ask that student to “repeat” that course face-to-face. Instead, we offer two options:

1. A student may work on the failed course’s assignments/tests, with the same teacher. This can be done during a class, during our Advisory classes or after school (currently on Tuesday and Thursday afternoons, right after school) up to the end of the academic school year. *Unique circumstances will be considered.
2. A student may also be put in an online version of the failed course and work through that course either on their own, during after school study sessions or in a “credit recovery” class. These classes are generally reserved for those who have multiple classes to recover.

ALTERNATIVE EDUCATION PROGRAM (PAWS)

Our Alternative Education program is designed for students who are not on-track to graduate and fall at least half a year or more behind. If you believe that “PAWS” would be of benefit to you, please contact Mrs. Oropeza.

SCHEDULING BASICS

This curriculum guide provides information about course descriptions and course requirements that will assist you in choosing your courses. You must fulfill requirements for graduation through required and elective courses within a 6 period, plus Advisory, semester schedule. Students earn one half-credit (0.5) for successfully completing each semester class, and 0.25 credits per semester for Advisory. This totals a possible 3.25 credits per semester and 6.5 credits per school year. *During your high school career, you may also be able to experience a short, intensive term in January (J term), during which you may earn an additional 0.75 credits.* 24 credits are currently required to graduate. (See the chart on p. 4 for details)

Our school counselor, your teachers and your family should be able to assist you with any additional information or clarification needed to complete the schedule. All students are required to take six classes per semester unless there is parent, or administrator approval for fewer.

Students are encouraged to “think ahead” and plan out all four years of their high school careers. Some of our courses are offered only every other year, and other courses have prerequisites (courses that must be taken first).

STUDENT SCHEDULES

The process begins when a student completes a forecasting sheet in the spring of the previous school year for the following year. It’s critical that parents and students understand that the courses selected on a student’s forecasting sheet are requests, and not guarantees. Staff use the information provided on the forecasting sheet to determine course offerings for the following year, so it’s imperative that students carefully consider their selections. We will do our best to give you the courses you choose.

Every course offered at GHS must meet several criteria in order to be included in the master schedule, including: student interest, minimum enrollment, teacher availability, a match to required content standards, and funding for the course. Due to the nature of assigning classes, every student will not be scheduled for every course they request and should be prepared to consider alternatives. Schedule changes will generally not be made once a semester begins.

DUAL CREDIT / EARNING COLLEGE CREDIT

A few upper-level GHS courses may earn a student high school **and** college credit at the same time (dual credit). For students considering college, look in the course descriptions for courses that may earn college credit. These college credit earning options include College Credit Now (CCN) and Willamette Promise (WP). You may also ask your teachers if a specific course might include a dual credit option.

It is possible for a student to earn a college course grade which is different from the high school course grade. Students who register for the college credit opportunity are subject to the community college's policies regarding withdrawal timelines, plagiarism, etc. Please see the course syllabi for more information. Students who achieve proficiency at the college level will have the option to receive or not receive the grade/credit from the participating university.

	<u>GHS Course Title</u>	<u>WOU Course Title</u>	<u>CCC or LBCC Course Title</u>
<u>Willamette Promise</u>			
	Chemistry	Chemistry 104	
<u>College Credit Now</u>			
	Intro. to Ag, Horticulture		Soils (CSS205 LBCC)
	Animal Science		Intro to Animal Sci (ANS121 LBCC)
	Horticulture		Intro to Horticulture (HORT 178 CCC)
	Intro to Ag.		Intro to Ag. (AG111 LBCC)
	Intro to Architecture & Engineering		Drafting (CAD 130 CCC)
	Construction		Trade Skills Fundamentals (APR 101 CCC)
	Photography II		

POLICIES AND PROCEDURES

ACADEMIC REQUIREMENTS FOR PARTICIPATION IN ATHLETICS AND ACTIVITIES

OSAA Requirements

An eligible student is one who is enrolled in school, attending regularly, and passing in subject's equivalent to at least five (5) classes and who, during the immediate, preceding semester, was enrolled in school, attended regularly and passed five (5) classes. Additional eligibility requirements may be assigned at the beginning of the year. Any exception to this policy must be made by the Oregon Schools Activity association through a hardship request.

Minimum on-track to graduate requirements:

Credits to graduate.....	24.0
Average Credits Needed Per Year.....	6.0
(70%) – Minimum Credits Earned Prior to Grade 10.....	4.5
(80%) – Minimum Credits Earned Prior to Grade 11.....	10.0
(90%) – Minimum Credits Earned Prior to Grade 12.....	17.0

GHS Requirements

Gervais High School eligibility includes the OSAA requirements **AND each** student athlete must be passing all classes he/she is currently enrolled in – at all times. Each student athlete will be subject to a grade check every three weeks of the school year. Grade checks are generally completed on Fridays or the last day of the week. The result of the grade check will take effect on the following Monday, or first day of the week.

1 st Grade Check	If any “F” grades	Probation 2 weeks (can practice, can compete)
2 nd Grade Check	If any “F” grades	Ineligibility 2 weeks (can practice, cannot compete)
3 rd Grade Check	If any “F” grades	Remove from team

BILITERACY SEAL

The State School Board created the Oregon State Seal of Biliteracy (OSSB) to recognize and value the native language/s students speak and bring to their English academic studies, to value language programs in schools, and to encourage students in the study of languages. This award recognizes student literacy in reading, writing, listening, and speaking in one or more World Languages, in addition to English.

The OSSB has recognized students who speak 47 different primary languages and earned the Biliteracy Seal in over 22 different languages, including Chinuk Wawa, Nez Perce, and Umatilla, three of the languages spoken by students from two of the nine federally recognized Tribes in Oregon. In addition, students who use ASL have also earned the OSSB. The Oregon State Seal of Biliteracy was the first in the nation to collaborate with post-secondary institutions to offer the Seal. Currently, two state universities and one community college offer the OSSB to their students.



To earn the seal students must indicate mastery of two different languages. To do this requires passing an assessment in each language or building a portfolio. Students who believe they could earn the seal should contact our World Languages teacher.

COLLEGE & CAREER CENTER

The College and Career Center is an on site resource to help plan post-high school college and career goals for our students located in the Gervais High School Library. One on one support is available to explore options for admissions, vocational training programs and financial aid to ensure success beyond high school. Visit early and often!

CTE COURSES

While all courses at GHS prepare students for their futures, a few courses are specially designed to prepare students for occupational fields. These are referred to as “Career and Technical Education” (CTE) courses. GHS currently offers courses in the following areas:

CTE Strand Area

Agricultural Science and Technology
Industrial and Engineering Systems Technology
Visual Design and Communication
Health Sciences

Possible Occupations

Farming, Welding, Ranching, Animal care, Vet. Sciences
Construction, Drafting, Robotics
Artist, Graphic designer, Video Game design
Nurse, Doctor, Physician’s Assistant, X-Ray Technician

The sooner a student gets started in these strand areas, the sooner he/she can qualify for work experience opportunities. See page 14 for a sequence of classes for each CTE strand.

We strongly encourage all students to complete the YouScience Aptitude Survey by the 9th grade. (Most GMS students complete this during 7th or 8th grade). The results of this survey provide you with valuable information about possible career choices that would match your interests and your abilities. This information can then be used to select courses that will prepare you for your desired future.

Junior and Senior students, who are on-track to graduate, may now apply to be a part of a career training program at Willamette Career Academy (WCA). Programs at WCA include intensive training in: Diesel Mechanics, Cosmetology, Health Services, Manufacturing, Construction and Computer Science/Information Technologies. For more information about WCA program opportunities please see page 15.

FORECASTING FOR CLASSES

Our counselor and staff work with students on creating a schedule that is right for each student. The goal is to make sure students have the correct courses by the first day of each semester. Students (with family input) need to research the courses they need and select courses during forecasting carefully.

Student schedules will be available to view via PowerSchool. For course selections for 2022-23 GHS is using an online, electronic forecasting form. **In order for students to have the best chance of getting the courses they want, the forecasting form must be completed, on time.**

GRADE POINT AVERAGE (GPA)

Your GPA is determined by adding all grade points earned and dividing by the number of graded classes. Each grade is worth: A = 4 points B = 3 points C = 2 points D = 1 point F = 0 points

Example: Earning a B/C/B/A/C would be $3 + 2 + 3 + 4 + 2 = 14$ points. $14 \text{ points} / 5 \text{ graded classes} = 2.80 \text{ GPA}$

GRADUATION CEREMONY PARTICIPATION

Seniors at GHS must complete the following graduation requirements by May 31st each year to participate in the commencement ceremony – all Essential Skills, all community service hours, all online or credit recovery courses. And all of 2nd semester’s face-to-face classes must be completed at least three days prior to the commencement ceremony in order to participate.

Seniors earning college credits must be enrolled in an approved institution that grants college credit. Verification of completion of any credits from any institution, including online courses, must be confirmed by the counselor at least three (3) days prior to graduation.

Students graduating early may participate in commencement if they have notified the GHS counselor of their intent to participate when they complete their last course.

Note: Permission to graduate early must be applied for and approved by the GHS counselor and an administrator by June of the student's sophomore year

HONOR ROLL INFORMATION

Each grading period, students who did outstanding class work will be recognized. The requirements for each are as listed:

Distinguished Honor Roll - A grade point average of 4.0 for the Semester grading period.

Principal's Honor Roll - A grade point average of 3.5 to 3.99 for the Semester grading period.

Honor Roll - A grade point average of 3.0 to 3.49 for the Semester grading period.

Based on a minimum of 5 classes. To include all classes being taken each semester, including credit recovery/online classes. * Unique circumstances will be considered.

INCOMPLETES

An incomplete grade (INC) must be made up within two weeks after the end of each semester or the 'INC' grade will automatically default to an "F". Some exceptions apply.

INTER-DISTRICT TRANSFER STUDENTS

Students residing outside the Gervais School District must file an inter-district transfer request with their resident district first and then seek approval from the Gervais School District Superintendent. If the transfer request is granted students must maintain at least a 2.0 GPA and abide by the attendance and discipline policies of GHS. Failure to comply may result in a revocation of the transfer.

LATE ARRIVAL AND EARLY RELEASE

Students in the 11th and 12th grade may apply for late arrival or early release through the counselor if they have their own transportation. The number of late arrival or early release periods is not to exceed one per semester without fully on-track status and special permissions. Administrator, counselor and parent/guardian approval is required. Students gaining this approval may not be in the school building or on school property before or after their scheduled day. Approval will be revoked upon violation. (The Late Arrival/Early Release approval form is available from the GHS counseling office in the library).

NUMBER OF CLASSES

Freshmen and sophomores are required to carry a full program of study – six classes each day plus Advisory, each semester. On-track juniors and seniors are required to attend at least five periods each day, plus Advisory. On-track seniors may petition (through the GHS counselor) to take fewer than five classes. (See 'Late Arrival and Early Release' guidance) All senior candidates for valedictorian and salutatorian must be enrolled in at least five classes during the first semester of the senior year.

REPEATING COURSES FOR CREDIT

A few courses, especially CTE courses and PE, may be repeated for additional credit. Most courses may not be repeated for additional credit. The requirements for each course are noted in this Course Catalog.

Students who have failed a course will generally need to make up that credit through credit recovery options (working with the previous teacher or completing an online course. See “Credit Recovery Programs”). Most students who have failed a course are not enrolled in the same course face-to-face.

Courses may be repeated to improve the original grade. Once a repeated course is completed the first grade for that course will be changed to an NG (No Grade).

SCHEDULE CHANGES (AND COURSE DROP POLICY)

Student schedules will be available to view via PowerSchool prior to each semester. Students will be able to request schedule changes over a 1 week period prior to the semester starting. This week will generally be 2 weeks before the new semester. Information will always be sent via school email and announcements. Schedule change requests must be made **before** a semester starts.

To request a schedule change, a student should fill out the proper [online](#) form during the window of time when schedule changes can be made. (Look on the GHS webpage in the “Counseling” section for the link to the form). Requests are answered in the order they are received. Not all requests can or will be honored. Students will receive an e-mail to their school account if for some reason the request cannot be made. If your request is approved it will be reflected on your PowerSchool Schedule. **REPEAT:** Do not come to the counseling office to make a schedule change request, fill out the online form.

During the first weeks of a new semester the counselor may initiate schedule changes for the following reasons:

1. Incorrect placement of a student (wrong course, lack of prerequisites, wrong grade level)
2. A student is missing a class that is needed for graduation
3. A student has an empty period, a duplicate class or too many classes

Once a new semester has begun, a schedule change will require teacher, parent and administrator approval. Dropping a class after two weeks of any semester will almost certainly result in receiving an “F” for the class on the transcript and no credit earned. (Partial credit may be recorded on a transcript if a passing grade has been earned after 9 weeks of a semester).

SPECIAL EDUCATION

Students qualifying for special education services are placed on an Individual Educational Plan (IEP). Plans include specific, appropriate modifications, and/or accommodations that are implemented to assist students in achieving educational growth. Some students with an IEP may have an elective class in the Academic Assistance room, to receive more individual assistance and support for academic success.

Our team is dedicated to providing professional and efficient support services that contribute to the success of our students. Each IEP is reviewed and placement decisions are made in the spring. Most students who have IEPs will have at least one specialized class to gain the essential knowledge, skills and attitudes to be a lifelong learner, a contributing citizen and a productive worker in a changing and increasingly diverse world.

STUDENT RECOGNITION PROGRAMS

We want to “catch students doing great things.” Gervais High School recognizes students in several ways including academic achievement, as well as exemplary character, citizenship, and attendance. Students will be acknowledged through Good News postcards, prize drawings and celebration events.

TEACHER ASSISTANTS

On-track juniors and seniors may request to serve as a teacher assistant (TA) for one period per semester. A “TA Request” form is available in the counseling office. Students must obtain approval from the teacher first, and then the counselor. TA candidates must be on track to graduate, have excellent attendance and no history of behavioral referrals. TA candidates wanting to help at GMS or GES must meet additional requirements.

TRANSCRIPT

A transcript is your official permanent record of achievement in high school. It is a document which includes attendance, grade point average, class rank, and grades for all courses taken in high school. All colleges and most scholarship programs require a transcript, some employers also request a transcript. Students may obtain a transcript from the Registrar located in the front office.

TRANSFER STUDENTS

Previous credits earned by transfer students are accepted from institutions recognized by the state of Oregon as approved high school programs. Once enrolled at Gervais High School students are expected to meet the graduation requirements of Gervais High School.

YOUSCIENCE

We strongly encourage all students to complete the YouScience Aptitude Survey. Students arriving at GHS from Gervais Middle School will already have completed the survey in 7th or 8th grade. The results of this survey provides students with valuable information about possible career choices that match your interests and abilities. This information can then be used to select courses that prepare you for your desired future.

PLANNING YOUR SCHEDULE

The following information has been provided to encourage you to plan four years of required classes.

<u>Math</u>	<u>Availability</u>	<u>College Credit</u>
9 th - Pre-Algebra	Every Year	
9 th - Algebra I	Every Year	
9 th - Honors Algebra I	Every Year	
10 th - Geometry	Every Year	
11 th - Algebra II	Every Year	Possible
11 th - Honors Algebra II	Every Year	Possible
11 th /12 th - Financial Algebra	Every Year	
Pre-Calculus	Every Year	Possible
Calculus	Offered when possible	Possible

<u>Language Arts</u>	<u>Availability</u>	<u>College Credit</u>
9 th - English 9	Every Year	
10 th - English 10	Every Year	
11 th - American Literature	Every Year	
12 th - English 12	Every Year	

<u>Social Studies</u>	<u>Availability</u>	<u>College Credit</u>
9 th - World Geography	Every Year	
10 th - World History	Every Year	
11 th - U.S. History	Every Year	
12 th - Government	Every Year	

<u>Science</u>	<u>Availability</u>	<u>College Credit</u>
9 th - STEM Physical Science	Every Year	
10 th - Biology	Every Year	
11 th /12 th - Chemistry	At least every other year	Possible
- Physics	At least every other year	
- Forensics	At least every other year	
- Environmental Science	At least every other year	
- Anatomy & Physiology*	Offered when possible	Possible
- Medical Terminology*	Offered when possible	Possible

<u>Health</u>	<u>Availability</u>	<u>College Credit</u>
9 th - Health I	Every Year	
11 th - Health II	Every Year	

<u>PE</u>	<u>Availability</u>	<u>College Credit</u>
9 th -12 th - Strength & Conditioning	Every Year	

<u>Second Language</u>	<u>Availability</u>	<u>College Credit</u>
9 th - 12 th - Spanish I/II	Every Year	
9 th - 12 th - Native Spanish Speakers I/II	Every Year	Possible

<u>Misc.</u>	<u>Availability</u>	<u>College Credit</u>
12 th - Senior Survey	Every Year	

GHS CTE Pathways

Agricultural Science

Entry Level	Intro to Agricultural Sciences, Intro to Horticulture, Welding I, Intro to Forestry, Animal Science, Veterinary Science
Advanced Courses	Welding II

Construction/Technology

Entry Level	Woods I
Advanced Courses	Woods II, Construction I, Construction II, and Drafting
Other	Architecture & Engineering (combining Drafting, Robotics and 3D printing)

Health Occupations

Entry Level	Health I & II (one semester is required of 9th grade students and one semester for 11th grade), and Wellness Occupations
Advanced Courses	Medical Skills, Anatomy & Physiology, Advanced Biology, Health Science Workplace Experiences, and Psychology

Graphic and Visual Arts

Entry Level	Introduction to Art & Design, Photo I
Advanced Courses	Mixed Media, Photography II, Graphic Design I, Graphic Design II, Print Design and Production, and Visual Arts Workplace Experience



Junior and senior students, fully on-track to graduate, have an exciting new opportunity to receive intensive training in Health Services, Diesel Technologies, Cosmetology, Construction, Manufacturing and Computer/Information Technologies through our partnership with the Willamette Career Academy (WCA), located in Salem, which will have six (6) training pathways open to students in the Fall of 2022.

The Willamette Career Academy offers career and technical education in areas where jobs are plentiful and pay well. Programs are structured for a two-year sequence best suited for **juniors**. Students may start WCA their senior year but will not complete all certifications. Despite that, seniors are still encouraged to apply!

Programs operate on a half-day schedule at the state-of-the-art facility in Salem (in the old Toys-R-Us building on Lancaster Dr.). Transportation is provided by the Gervais SD. Students attend GHS halftime, where they can still play sports, participate in activities, and work towards a GHS diploma, **and** students attend WCA halftime. Students will earn a GHS diploma, but also certifications that will open doors to immediate jobs, advanced programs, and colleges.

We encourage current sophomores and juniors to apply!

Freshmen and sophomores are encouraged to plan ahead.

Start taking beginning classes at GHS in the pathway you want to apply for at WCA.

For basic information go to: www.wesd.org/wca

You can find the **application** here:

https://docs.google.com/forms/d/e/1FAIpQLSdtAbgSZj8Swq_e2McanuOx_2tG3we3tsfr5ZWkBVObXT7CXA/viewform

Applications due by April 30th

COSMETOLOGY

Express individual creativity by providing a wide range of artistic hair, nail, and skin care services using the latest technology, trends, and name-brand products. Operate and experience a full-service interactive salon and spa environment. Work alongside professional cosmetologists to explore all aspects of quality salon services and management.

This exciting and creative program offers students two opportunities to engage in the art and science of cosmetology or hair design while earning high school credits and state hours towards licensure in their chosen course. The courses consist of both lecture and lab instruction in all aspects of cosmetology and hair design. Each course is a two-year program.

State Licensure ♦ Work-Based Experience ♦ Early Placement

DIESEL TECHNOLOGY

Maintain, repair, and fine-tune systems including electrical, hydraulic, engines, air systems, brakes, and preventative maintenance alongside an ASE Master Technician. Use the same advanced diagnostic and repair equipment as Master Technicians to troubleshoot complex diesel systems. Practice operation theory, maintenance, and repair of large trucks and off-road equipment.

Students enrolled in the Diesel Technology program will learn operation theory, maintenance and repair of large trucks and off-road equipment. The systems studied will include electrical, hydraulic, engines, air systems, brakes and preventative maintenance. Emphasis is placed on the safe operation of hand and power tools, overhead crane, and forklift trucks. After acquiring the fundamental skills of the trade, students will perform maintenance and repairs on heavy equipment and trucks. Along with technical material, this program will include units on leadership, communication skills, goal setting, problem solving, conflict resolution, and responsible decision-making. This is a two-year program designed to prepare students, both male and female, for entry-level positions in the heavy equipment industry or to prepare them in furthering their education/training.

ASE Certifications ♦ Work-Based Experience ♦ College Credit

HEALTH SERVICES

Cultivate a passion for providing quality patient care in a variety of healthcare settings.

Work alongside registered nurses and other healthcare professionals in a clinical environment to perform various tests and procedures. Experience the thrill and reward of improving patient lives in simulations and on-the-job experiences.

The Health Services program is a two-year course for juniors and seniors interested in pursuing a career in health care. The program provides core skills and knowledge necessary for entry-level employment in the healthcare field. During the two-year program, students are introduced to anatomy and physiology, medical terminology, and nursing fundamentals. Students earn their CPR and First Aid cards and HIPAA Certification, blood-borne pathogens training as well as a Certificate of Completion for the Health Services program. Students who qualify may apply to take the Oregon State Certified Nursing Assistant examination. Students will take several College Credit Now and Willamette Promise courses creating a head start and competitive advantage for future educational opportunities.

State Certification ♦ Work-Based Experience ♦ College Credit

MANUFACTURING

Use sta CAD, Robotics, CNCs, and so much more! Advance your understanding of mechatronic systems by combining computer-based controllers with electrical, mechanical, and fluid technologies.

Collaborate with students from diverse backgrounds in fun, creative, and analytical ways in order to complete project-based prototypes.

Industry Recognized Certifications ♦ Work-Based Experience ♦ College Credit

INFORMATION TECHNOLOGY

Experience the thrill of ethical hacking to detect vulnerabilities in an application, system, or organization's cybersecurity plan. Use high-tech equipment to create digital media projects within a variety of platforms such YouTube, Adobe, and social media. Gain the certifications from CompTIA, Adobe, and Google that will prepare them to walk into high demand, high wage careers

Certifications ♦ Work-Based Experience ♦ Immediately Applicable Skills

CONSTRUCTION TECHNOLOGY

Earn industry certifications that prepare you for a career in construction.

Experience different types of trades through Pre-Apprenticeships and opportunities to learn about Job Readiness. Use professional CAD and cutting-edge manufacturing technologies to invent, design, and engineer precision parts and tools used worldwide

Certifications ♦ Work-Based Experience ♦ Pre-Apprenticeship Opportunities

The following credit types may be earned at WCA in the first year - for three (3) of the pathways.

Credit types for year 2, and all credit types for the 3 new pathways are still being worked out.

****These credits are good for high school graduation.** Students wanting to attend a four-year college or university should know that they may not accept the WCA Science, WCA Math and WCA Language Arts credits toward their own entrance requirements.

Contact the colleges/universities you are interested in attending and ask!**

<u>Program</u>	<u>Credit*</u>	<u>Academic Subject</u>
WCA Cosmetology	0.5	WCA Anatomy in Cosmetology
	1	WCA Career Ed/AG
	0.5	WCA Chemistry in Cosmetology
	1.0	WCA Language Arts in Cosmetology
	1.0	WCA Technical Math in Cosmetology
WCA Diesel	1.0	WCA Career Ed/AG
	1.0	WCA Language Arts in Diesel
	1.0	WCA Science in Diesel
	1.0	WCA Technical Math in Diesel

WCA Health Services	1.0	WCA Anatomy & Physiology
	1.0	WCA Career Ed/AG
	1.0	WCA Language Arts in Healthcare
	0.5	WCA Technical Math in Healthcare

*Students will earn 3.0 credits from WCA each year, 1.5 credits per semester. The amount of credit in the chart for each pathway totals 3.5 or 4.0 credits; therefore, you have choices to make regarding which areas to put your 1.5 credits into.

Course Descriptions

Sample Course Description

Agricultural Science – 1.0 Credit		Arts/2L	Length: Year
College Entry: No	College Credit: Yes	Repeat for Credit: No	Grade Level: 9–12
This is a basic course designed to introduce freshmen and sophomore students in the agriculture program to global agricultural history and socio/economic importance. Instructional units include: agriculture animals, farm crops, agriculture careers, leadership, food science, marketing, natural resources, projects and tractor driving. Units of instruction will be in the classroom, land lab, and shop settings.			
Prerequisite: None			

Course Title: The name of the course

Credit: The amount of high school credit that this course will earn a student toward graduation

Type of Credit: Describes the content area that this course’s credits will count towards

Length: The length of all courses is either “Semester” or “Year”

College Entry: Does this course meet Oregon University System admission requirements?

College Credit: Will students have the option to earn college credit as well as high school credit by successfully completing this course?

Repeat for Credit: May this course be repeated for additional credit toward graduation?

Grade Level: The grade levels that may take this course

Course Description: A brief explanation of the content of this course.

Prerequisites: Other courses or conditions that must be met to take this course.

Agricultural Science and Technology

Hands-on courses that link the agricultural sciences and industry. Courses include a range of options from the study of animals, plants, and food, to welding. Additionally, through these classes, students can become a Future Farmers of America (FFA) member leading to career development, as well as personal and academic success.

Intro to Horticulture - 1.0 Credit		Arts/2L	Length: Year
College Entry: No	College Credit: Yes	Repeat for Credit: No	Grade Level: 9-12
An introductory course introduces students to hands-on skills used in commercial horticultural businesses. The course will include the following topics: basic plant parts and how to grow whole plants from those parts; the function of cells, and how plants grow from seed. Soils and their influence on plant life are explored. Weeds, bugs and plant disease and how to control them are also covered. Plant scientific and common name identification plus growth habits and basic propagation are covered. Plants and their relationship to the environment are also covered in this course. The second half of the course focuses upon seed propagation, cuttings, grafting, budding, division, layering and tissue culture. Students are responsible for the greenhouse and marketing/selling the plants grown. Assisting with the plant sale for one weekend is required. Competencies completed in this class apply to College Credit Now horticultural credit at Linn-Benton Community College.			
Prerequisite: None			

Agricultural Science - 1.0 Credit		Arts/2L	Length: Year
College Entry: No	College Credit: Yes	Repeat for Credit: No	Grade Level: 9-12
This is a basic course designed to introduce freshmen and sophomore students in the agriculture program to global agricultural history and socio/economic importance. Instructional units include: agriculture animals, farm crops, agriculture careers, leadership, food science, marketing, natural resources, projects and tractor driving. Units of instruction will be in the classroom, land lab, and shop settings.			
Prerequisite: Welding I			

Intro to Animal Science - .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: Yes	Repeat for Credit: No	Grade Level: 9-12
A course that introduces students to Commercial Animal Science. The course will include the following topics: Animals and the environment, animal identification and selection, animal health, medication and control, domestic animal reproduction and nutrition, and domestic animals as primary and secondary money makers. Computer applications include Use and programming of word processors, spreadsheets and PowerPoint. PowerPoint and Internet access are tied together for animal research projects. Computer simulations are also used to demonstrate management decision results. Animals used for laboratory projects are large animals as well as poultry. This course is also eligible for College Credit Now Animal Science college credit at Linn Benton Community College. This course meets requirements for participation in FFA activities.			
Prerequisite: None			

Intro to Veterinary Science - .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: Yes	Repeat for Credit: No	Grade Level: 9-12
The purpose of this course is to provide students with an introduction to the basic principles of veterinary science and medicine. This requires students to understand the biology of both large and small breeds of animals, as well as specifics related to the area of veterinary medicine. Topics to be covered include basic first aid, medical terminology, professional and ethical standards of veterinary medicine, handling and restraint, animal anatomy, parasitology, diseases and treatments, posology, basic clinical exam techniques for large and small animals.			
Prerequisite: None			

Intro to Forestry - .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: Yes	Repeat for Credit: No	Grade Level: 9-12
An introduction to forest ecology concepts, site factors, and forests of North America. Emphasis is placed on the silvics of tree species and the impact of soil, climate, and topography on forest vegetation. Forest site-community relationships of selected major North American forest ecosystems will be studied.			
Prerequisite: None			

Welding I - .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9-12
Students will study metals in several industrial job fields. In welding, students will learn to gas weld and arc weld in the basic positions, cut with a cutting torch, braze welding, MIG welding, TIG welding, out-of-position weld in Mig and Arc and learn how to operate a CNC plasma table system. Students work at their own pace and have the opportunity to take home completed projects.			
Prerequisite: None			

Welding II - .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9-12
Emphasis is placed on technical and practical applications of shielded metal arc welding, flux core arc welding, gas metal arc welding, gas tungsten arc welding and oxyfuel-acetylene cutting processes as well as safety, weld testing, and the effects of welding heat on metals. Students will learn how to use Torch mate CAD programming and utilize our CNC Plasma Cutting Machine to design and create signs that they can take home. This class is more project based.			
Prerequisite: Welding I			

Arts – Fine and Visual

Intro to Art & Design – .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9–12
This class is an introduction to the world of art and design with a dual emphasis on professional and commercial projects, while also developing basic art skills and conceptual understanding. The class will explore a variety of methods and techniques related to commercial art including: illustration, printmaking, graphic design and fine art focusing on the elements of art and principles of design. The class will also explore the impact art has made on civilization throughout history in order to understand the impact of visual communication in the modern world.			
Prerequisite: None			

Photography I – .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9–12
Photography is an introductory course where students learn concepts and techniques that Photographers use for a career in visual communications. Emphasis is on competent SLR camera handling covering exposure control, digital management, editing and presentation. Students learn how to apply the elements and principles to photography, focusing on photographic composition techniques. Different photography techniques are explored as well as image manipulation with computer software. Students learn to take, edit, and discuss their images and are introduced to the design software Adobe Lightroom.			
Prerequisite: None			

Photography II – .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: Possibly	Repeat for Credit: No	Grade Level: 9–12
Photography II builds on the concepts and techniques that students learned in Photography I. Focus will be on learning different photographic themes such as portrait, event and product photography. Introduces lighting and advanced photo manipulation techniques using Adobe Photoshop and Lightroom. Includes the role of the photographers in the communications industry and students may be eligible for dual credit through Chemeketa Community College's College Credit Now program.			
Prerequisite: Photography I			

Graphic Design I – .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9–12
Graphic Design is an introductory course where students learn concepts and techniques that Designers use for a career in visual communications, exploring the historical and cultural underpinnings of graphic design. Students learn how to apply the Elements and Principles to the process of creating solutions to graphic design challenges with an emphasis on Icons and Symbols. Students will learn how to work with Adobe Illustrator.			
Prerequisite: Intro to Art & Design			

Graphic Design II – .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9–12
Graphic Design II is a continuation from Graphic Design I, building on the foundations learned with an emphasis on logo design and branding. Students will create digital images used for screen printing, web publication and print. Programs used are Adobe Illustrator.			
Prerequisite: Graphic Design I			

Mixed Media – .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9–12
Mixed Media is a course for students interested in exploring more traditional art making techniques not offered in Graphic Design or Photography. Mixed Media builds on the concepts and techniques that students learned in Intro to Art. Focus will be on learning different artistic media and will include projects such as Tie Dye, Block printing, Collage, Embroidered photography, and Altered books, and sculpture making while continuing to deepen understanding of the elements and principles. This course is not part of the Visual Arts CTE pathway.			
Prerequisite: Intro to Art & Design			

Print Design and Production – .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9–12
Print Design and Production is an independent study course focusing on skills and techniques in graphic design and production. Instruction will be included in the areas of illustration, commercial design, typography, and production techniques including screen printing. School community printing projects will be utilized as one source for projects and students will be prepared for workplace experience.			
Prerequisite: Graphic Design II and Photography II.			

Visual Arts Workplace Experience - .50 Credit				Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9-12		
Visual Arts- Workplace Experience courses provide students with work experience in a field related to the visual arts. Goals are typically set cooperatively by the student, teacher, and employer (students are not necessarily paid). This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.					
Prerequisite: Print Design and Production Contact Ms. Orschel if you are interested in this course					

Arts – Performing

Theater – .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9-12
This course offers the opportunity for students grades 9-12 to explore the world of theater. Multiple skills levels within a class allow for everything from the basics of stage theater production and theater history, to script analysis and character building. Students in this course are required to complete multiple performance projects, some individually, and some in groups. Students in Theater will work on improvisational theatre, movement and voice, storytelling, monologues, and scripted scenes or one-acts. Advanced students have the option to direct their peers. In addition, all students enrolled in Theater will experience at least one live performance by a professional theater company during their time in the course. Opportunities are also given periodically for performing or volunteering at events.			
Prerequisite: None			

Choir – 1.0 Credit		Arts/2L	Length: Year
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9-12
This course will develop each student's musical skills while concentrating on choral music and its styles from most historic periods. Students will work on vocal techniques, music theory, and apply it in preparation for public performances and contests. Students will be required to attend outside rehearsals and all performances.			
Prerequisite: None			

Computer Technology

Introduction to Computer Science – 1.0 Credit		Arts/2L	Length: Year
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9–12
Introduction to computer programming using Python, the computing language used by Intel, IBM, NASA, Pixar, Netflix, Facebook, JP Morgan Chase, Spotify, and other massive companies. Students learn problem-solving strategies, software design, and the foundations of computer science. Prepares students for continuing studies in computer science, but also teaches how to think like a scientist and solve real-world problems, skills that are important to every 21st-century citizen.			
Prerequisite: None			

Construction/Technology

Woods I – 1.0 Credit		Arts/2L	Length: Year
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9–12
Students in this beginning woodworking class will learn basic shop and tool safety. Safety tests will be given and passed by 90%, so that all tools can be safely used. The student will use reading and math skills to work from basic project plans working toward assembly of projects. Other skills incorporated into the class are power tools safety, choosing appropriate projects, and completing projects using the planning stage, cost estimation, and procedure for the new project. The student will complete this project based on the specifications researched by the student and monitored by the instructor. This course is required for the technical skills assessment for program completion.			
Prerequisite: None			

Woods II – 1.0 Credit		Arts/2L	Length: Year
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9–12
This course is a continuation of Woodworking 1, and the students will work on individual projects of their choosing. The instructor will take into consideration the student's skill level, size of the project, and the ability to finish the project in the time allowed. Students will be encouraged to challenge themselves with more advanced projects taking part in the planning stage cost estimation and design of the project by implementing drafting elements using CAD software. This course is required for the technical skills assessment for program completion.			
Prerequisite: Woods I			

Architecture & Engineering – 1.0 Credit		Arts/2L	Length: Year
College Entry: No	College Credit: Yes	Repeat for Credit: Yes	Grade Level: 9–12
[This course is a combination of Computer Aided Drafting, Robotics and 3D Modeling] Computer-Aided Drafting (CAD 130) is a CCN or College Credit Now course offered through Chemeketa Community College. Students are able to achieve three transferable credits with the successful completion of the course. Students will design various 2D orthographic drawings to industry standards using AutoCAD software. Students will work with residential architectural home design software to design their future home learning industry standards in building design. This course will be an introduction to robotics and 3D modeling. We will cover the fundamentals of problem solving, program design and programming using a high-level language. A robot is an embedded system of software and hardware. Programming and building robots is the application of science, technology,			

engineering and math (STEM) concepts. This course introduces the fundamental concepts of programming and robotics. Students will develop skills in mechanical design (CAD), and 3D modeling using 3D printers as they work in teams to build simple and complex robotic devices to solve given problems. Ultimately students will get the chance to perform tasks within a competition platform against other teams within organized vex competitions with other schools around the region.

Prerequisite: None

English Language Development

ELD Academic Language – 1.0 Credit		Elective	Length: Year
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9–12
Students will read, write, listen and speak using different sources. Students will be required to work with reading and listening, as well as being able to write about or speak about a topic. A passing score on the ELPA21 test is required to be exited from ELD classes.			
Prerequisite: None			

ELD Sheltered Language I – 1.0 Credit		English	Length: Year
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9–12
This class is a two-period block class (with Sheltered Language Arts II) and will be focused on academic language, including both spoken and written forms. The students will analyze literature and informational text. Students will be graded on written and spoken responses to readings in the class. Grammar will also be studied and will be tested with quizzes and tests. A passing score on the ELPA21 test is required to be exited from ELD classes.			
Prerequisite: None			

ELD Sheltered Language II – 1.0 Credit		English	Length: Year
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9–12
This class is a two-period block class (with Sheltered Language Arts I) and will be focused on academic language, including both spoken and written forms. The students will analyze literature and informational text. Students will be graded on written and spoken responses to readings in the class. Grammar will also be studied and will be tested with quizzes and tests. A passing score on the ELPA21 test is required to be exited from ELD classes.			
Prerequisite: None			

Health Education

Health I - .50 Credit		Health	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9
In this course students will learn how to holistically care for themselves and other individuals within a home setting. Course content relates health care practices and procedures to the home environment, and typically includes patient care, comfort, and safety; basic anatomy and physiology; prevention of disease and infection; nutrition and meal preparation; human relations; CPR; and many more areas of health and wellness.			
Prerequisite: None			

Health II - .50 Credit		Health	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 11
In this course students will learn how to holistically care for themselves and other individuals within a home setting. Course content relates health care practices and procedures to the home environment, and typically includes patient care, comfort, and safety; basic anatomy and physiology; prevention of disease and infection; nutrition and meal preparation; human relations; CPR; and many more areas of health and wellness.			
Prerequisite: None			

Medical Skills - .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 10-12
Students will learn skills that are commonly used in the healthcare field, such as taking vital signs, proper cleaning and washing techniques, resume writing, critical thinking, Basic Life Support Training, and First Aid Training. Since the majority of healthcare professions require a higher level of education, students will also be taught skills that will help them apply to and succeed in college.			
Prerequisite: Health I			

Community Health – .50 Credit		Arts/2L	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 10–12
This course will provide exploration of healthcare occupations, specifically in the public health and community health fields. This will expose students to the variety of opportunities available within the healthcare industry, including careers in nursing, epidemiology, environmental health, biostatistics, lab technology, and many more. Students will also be exposed to focus areas that public health professionals pursue careers in, including health disparities, epidemics/pandemics, nutrition, public safety and environmental health.			
Prerequisite: Health I			

Health Sciences: Workplace Experience – .50 Credit		Elective	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 10–12
Health Sciences—Workplace Experience courses provide students with work experience in fields involving the health sciences. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.			
Prerequisite: Health I and Wellness Occupations Contact Ms. Bettis if you are interested in this course			

Anatomy & Physiology – 1.0 Credit		Science (Lab)	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 10–12
Anatomy and Physiology focuses on the study of body structures and functions while working to apply this knowledge to real-world situations. Primary emphasis is on human anatomy. This course covers multiple body systems in detail, including the skeletal system, muscular system, cardiovascular system, digestive and urinary systems. This course aims to help the student create a solid foundation for understanding basic human health while preparing students for further training in nursing, medicine, dentistry, physical therapy, veterinary science, zoology and other life science fields.			

Other courses that build into a Health Occupations certification are:

Science Department
Advanced Biology

Social Studies Department
Psychology

Language Arts

English 9 – 1.0 Credit		English	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 9
This class develops students' skills in reading, writing, listening and speaking. English 9 is a required class taken by all freshmen. This course is aligned with the Common Core State Standards for English Language Arts, and has a primary focus on reading and analyzing literature at the 9th grade level, and on writing clearly.			
Prerequisite: None			

English 10 – 1.0 Credit		English	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 10
Sophomore English extends students' skills in reading and writing, and provides opportunities to build and demonstrate proficiency in speaking and listening. Students will build on previous skills based on literature, modern-day experiences, focus on critical thinking and problem-solving skills, and work toward future academic and career goals. This course is aligned with the Oregon State Standards for English Language Arts and has a primary focus on reading and analyzing literature and on writing clearly at the 10th-grade level.			
Prerequisite: None			

American Literature – 1.0 Credit		English	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 11
American Literature is a two-semester course aligned with the Oregon State Standards in English Language Arts. Emphasis will be placed on reading and writing skills, literary analysis, vocabulary development, research, and independent reading. Units of study will revolve around classic American novels, short stories, and poems. This course continues to build on students' reading, writing, listening, and speaking skills. Students will focus on literature, the language being used, analyzing author's choices and themes, as well as analyzing informational text.			
Prerequisite: None			

English 12 – 1.0 Credit		English		Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 12	
Sem 1 - Communication & Debate - Students in English 12A will be investigating global issues, practicing their speaking and listening skills, and learning the debate format. Students will gain a greater understanding of how to deconstruct a claim with analysis, sort out fact from fiction with media literacy, build strong arguments by citing research, and persuade audiences with rhetorical strategies. Students can expect to complete written arguments as well as participate in small group or whole-class debates. This course is aligned to the Oregon State Standards for English Language Arts. Sem 1 - Voices Around the World - Students in English 12B will study a mixture of fiction and non-fiction from authors around the globe, with an emphasis on understanding how lived experiences translate to the page, and explore how factors like racial and ethnic identity, gender, disability, language, and culture impact storytelling. Students will participate in a variety of writing activities, culminating in a final writing project. Students are also expected to participate in discussions focused around reading assignments, which may include Socratic Seminars. This course is aligned to the Oregon State Standards for English Language Arts.				
Prerequisite: None				

Creative Writing – .50 Credit		English	Length: Semester
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 10–12
Students in Creative Writing will have the opportunity to read and write in a variety of styles and genres. The main focus of this course is understanding and improving the application of different writing techniques, conventions, and developing original creative writing pieces. This includes, but is not limited to, analyzing and writing poetry, personal narratives, fictional short stories, and screenplays. Students will practice writing daily in class to build on these skills. All students will create a portfolio of their final works.			
Prerequisite: None			

Mathematics

Pre-Algebra - 1.0 Credit		Elective	Length: Year
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9-10
<i>Course Note: This class does not fulfill a GHS math requirement; elective credit will be issued.</i> This course reinforces and expands students' foundational math skills, such as arithmetic operations using integers, area, perimeter, and volume of geometric figures, angle relationships, the Pythagorean theorem, the rectangular coordinate system, ratios, percentages and proportion, simple probability, solving and graphing equations and inequalities.			
Prerequisite: Teacher/Counselor Placement Only			

Algebra I - 1.0 Credit		Math	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 9-10
Algebra I is designed to improve the student's ability to solve problems: to improve and extend the understanding of arithmetic, to think intelligently with arithmetic and algebraic symbols, and to develop an appreciation for the use of math in everyday affairs, including probability. There is emphasis on writing and solving equations as a problem-solving tool. Other topics include adding, subtracting, and multiplying polynomials, factoring polynomials and graphing linear equations, and introduction to quadratic equations.			
Prerequisite: None			

Honors Algebra I - 1.0 Credit		Math	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 9-10
This course builds on the algebraic concepts students learned in 8th Grade by providing a strong foundation in problem solving involving linear, quadratic, and exponential functions, polynomials, and rational and radical equations. This course also engages students in various real-world scenarios with an emphasis on using algebraic concepts and basic statistics to solve and interpret information.			
Prerequisite: Contact your math teacher if you are interested in this course			

Geometry - 1.0 Credit		Math	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 9-12

This course builds upon, processes, and applies fundamental skills of mathematics as aligned to the 2021 Oregon Mathematics Standards: applying geometric transformations; constructing and communicating geometric arguments; solving problems by applying concepts of similarity, congruence, and symmetry; and applying concepts of right triangle trigonometry. In addition, this course builds and reinforces algebraic problem/equation solving. Students will make connections between geometric relationships through investigation, discovery, direct instruction, and technology.

Prerequisite: 10th Grade or Teacher Recommendation

Algebra II - 1.0 Credit		Math	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 10-12
This course will expand the student's algebra skills in preparation for advanced problems in business, engineering, science, and mathematics. Topics include a review of Algebra I core topics, exponential functions, logarithmic functions, rational functions, graphing and factoring higher degree polynomials, plus irrational real and complex numbers.			
Prerequisite: Algebra I or Teacher Recommendation			

Honors Algebra II - 1.0 Credit		Math	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 10-12
In this course, students solidify and extend their understanding of functions, problem solving, and data analysis developed in prior courses. In addition to gaining a greater depth of understanding of linear, quadratic, and exponential functions, students will explore and solve real world problems involving logarithmic, rational, and trigonometric functions. Integrated with Geometry, this course explores college-prep geometric concepts in order to enhance both algebraic and geometric understanding.			
Prerequisite: Contact your math teacher if you are interested in this course			

Financial Algebra - 1.0 Credit		Math	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 11-12
Financial Algebra is a combination of algebraic and graphical approaches with practical business and personal finance applications as a motivation to explore and learn high school level mathematics of algebra and functions in a financial context. This course will encourage students to be involved in applying mathematical ideas to their everyday lives.			
Prerequisite: In 12th grade or teacher recommendation			

Pre-Calculus - 1.0 Credit		Math	Length: Year
College Entry: Yes	College Credit: Yes	Repeat for Credit: No	Grade Level: 11-12
This course prepares the student for calculus. This course covers advanced topics of polynomials, radical and rational functions, transformations, exponential & logarithmic functions, and many areas of trigonometry. The student will learn the basics of applications of the various functions as they relate to practical situations from navigation, surveying, science, and other areas.			
Prerequisite: Algebra II			

Calculus - 1.0 Credit		Math	Length: Year
College Entry: Yes	College Credit: Yes	Repeat for Credit: No	Grade Level: 11-12
The course goal is to prepare students to take the AP Calculus exam near the end of the course. Broad concepts of foundational topics including limits, continuity, slope, derivatives, and integrals, where widely applicable methods of analysis are emphasized. Technology is used regularly by students and teachers to reinforce the relationships among the multiple representations of functions and relations, to confirm written work, implement experimentation, and assist in interpreting results.			
Prerequisite: Pre-Calculus			

Music – Vocal

Choir – 1.0 Credit		Arts/2L		Length: Year
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9–12	
This course will develop each student’s musical skills while concentrating on choral music and its styles from most historic periods. Students will work on vocal techniques, music theory, and apply it in preparation for public performances and contests. Students will be required to attend outside rehearsals and all performances.				
Prerequisite: None				

Physical Education

Strength and Conditioning - .50 Credit		PE	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9-12
This course will focus on physical strength development, overall physical health, proper safety, and understanding teamwork. Students will also take part in cardiovascular conditioning games that will include basic team game rules and teamwork concepts, geared to the students overall fitness. Students will be taught upper and lower body workouts, along with proper safety that needs to be present to perform the movement safely. Assessments will take place through daily fitness journals, research projects, and group teachings. Good attendance, display of safety, and participation are keys to success in class.			
Prerequisite: None			

Science

STEM Physical Science - 1.0 Credit		Science (Lab)	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 9
Come ready to engage in an activity-based, challenging, problem solving class discovering how science works by applying Science, Technology, Engineering, and Mathematics while studying topics in Chemistry, Physics, Earth Science, and Astronomy. Delve into the messy world of scientific investigation by asking thousands of questions and developing your own solutions to real world problems. Projects will include four parts: research, design, presentation, and interviews with experts. Expect to think, to problem solve, to engage with classmates collaboratively, and to further develop your lab skills. This course is aligned with The Next Generation Science Standards.			
Prerequisite: None			

Biology - 1.0 Credit		Science (Lab)	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 10
This is an activity-based course that focuses upon the remarkable nature of life and of living organisms. Using the premise of scientific inquiry, students will explore many topics and concepts to gain a greater understanding of the processes related to life science. This course aims to foster curiosity and a sense of personal connection to biological sciences. Our goal is to prepare students to confidently address biological challenges, meet state-level science standards and build a foundation for success in challenging college coursework in medicine and other life sciences. Semester 1 covers the characteristics and processes of life related to cells and Semester 2 includes a survey of the tremendous diversity of life on earth. Ecological relationships will be discussed throughout the course, as will the ethical issues surrounding our increasing ability to manipulate life.			
Prerequisite: None			

Physics - 1.0 Credit		Science (Lab)	Length: Year
College Entry: Yes	College Credit: Yes	Repeat for Credit: No	Grade Level: 11-12
This course is designed to add to the student's knowledge of Physics by further investigating topics covered in Physical Science and building on new concepts. This course is designed to give students insight into the nature and structure of motion, force and energy, provide a background of terminology, principles, and concepts for further study in sciences, and to stimulate an interest in Physics, specifically, and in Science in general.			
Prerequisite: Grade 11 or 12, successful completion of Algebra I, or teacher recommendation			

Chemistry – 1.0 Credit		Science (Lab)	Length: Year
College Entry: Yes	College Credit: Yes	Repeat for Credit: No	Grade Level: 11-12
This challenging course is designed for the serious science student interested in learning the relationships between the properties of matter and their structure. The course will be fast paced for students interested in careers where scientific backgrounds are required. The student should be able to read and understand technical information. Frequent labs will require self-directed students who have the ability to stay on task, take accurate notes, and make accurate measurements. Basic calculators and knowledge of algebra are required.			
Prerequisite: Grade 11 or 12, successful completion of Algebra I, or teacher recommendation			

Forensics – .50 Credit		Science	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 11-12
This course is a lab-based introduction to forensic science and crime scene investigation. Major topics include evidence collection, analysis of prints, serology, DNA analysis and interrogation. Key concepts and vocabulary will be stressed along with student skill development. Comparisons will be made between real detective work and what is portrayed on TV. Current topics/career related issues in the community will also be addressed. Students should be able to read some technical information, and lab experiences will be offered whenever appropriate. Students will also work on a review of key science concepts in order to prepare students for the state Science test. For each semester final, students will be expected to work together with teammates to solve crimes.			
Prerequisite: None			

Environmental Science – .50 Credit		Science	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 11-12
This is a project-based class where students learn about the balance of ecosystems, animals, plants, and civilization. Students complete research projects about various environmental topics including but not limited to specific ecosystems and their management, disaster and fire prevention, pollution and hazardous materials, urban sprawl, water and energy resources, and biodiversity. Students think critically about the issues facing ecosystems and human beings and learn how some people around the world are dealing with these issues. Using this knowledge, students engage in debates and form their own opinions drawing on their own experiences and new learning. Using applicable job skills, students also design solutions to some of these issues and create a practical plan to implement their new ideas. Recommended for, but not limited to, students interested in careers in the fields of forestry, firefighting, field biology, and the environment, or politics.			
Prerequisite: None			

Anatomy & Physiology – 1.0 Credit		Science (Lab)	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 10–12
Anatomy and Physiology focuses on the study of body structures and functions while working to apply this knowledge to real-world situations. Primary emphasis is on human anatomy. This course covers multiple body systems in detail, including the skeletal system, muscular system, cardiovascular system, digestive and urinary systems. This course aims to help the student create a solid foundation for understanding basic human health while preparing students for further training in nursing, medicine, dentistry, physical therapy, veterinary science, zoology and other life science fields.			
Prerequisite: Grade 11 or 12, successful completion of Biology, or Teacher Recommendation			

Social Studies

World Geography - .50 Credit		Social Studies	Length: Semester
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 9
This course provides students with an overview of world geography, including the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.			
Prerequisite: None			

World History - 1.0 Credit		Social Studies	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 10
This course provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments.			
Prerequisite: None			

US History - 1.0 Credit		Social Studies	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 11
This course provides students with an overview of the history of the United States, examining time periods through the late 1900s. The course includes an historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.			
Prerequisite: None			

Government - .50 Credit		Social Studies	Length: Semester
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 12
This course provides an overview of the structure and functions of the U.S. government and political institutions. It also examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process.			
Prerequisite: 12 th Grade, or administrator approval			

Senior Survey - .50 Credit		Senior Survey	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 12
This is a required course for all seniors. The course involves career exploration and research, extended outside career related experience (job shadow), public speaking, economics, personal finance, and public relationships.			
Prerequisite: 12 th Grade, or administrator approval			

World Languages

As the world grows smaller due to instant communication it is quite an asset to display a deeper understanding of another culture and be able to speak its language! Many universities require successful completion of at least two years of the same world language.

Spanish I – 1.0 Credit		Arts/2L	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 9-12
¡Empezamos juntos! Spanish I covers several units of study. Each unit of study focuses on thematic vocabulary, comprehension, self-expression and grammatical accuracy. Students enrolled in this class will study introductory topics such as greetings, time, weather, geography, leisure activities, school, family, and sports. These units present simple grammatical structures including questions, sentences, description and introductory verb form. *Most 4-Year Universities require 2 years of the same foreign language for admissions.			
Prerequisite: None			

Spanish II – 1.0 Credit		Arts/2L	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 9-12
¡Ven a aprender con nosotros! In Spanish II the class moves into past tense verbs and more advanced sentence structures. Students cover eight units that have topics such as health, responsibilities at home and school, leisure activities, cultures and body language. In class students do skits or videos, play vocabulary games, and work together to gain better Spanish skills. *Most 4-Year Universities require 2 years of the same foreign language for admissions.			
Prerequisite: Spanish I or demonstrated knowledge			

Spanish III – 1.0 Credit		Arts/2L	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 9-12
¡Aprendemos de las Americas! In Spanish III students are presented all of the Spanish verb forms and tenses. They begin reading and writing more advanced material. A major focus in Spanish III is speaking and vocabulary expansion. Included in the curriculum are small glimpses of culture and history from many Spanish-speaking countries. *Most 4-Year Universities require 2 years of the same foreign language for admissions.			
Prerequisite: Spanish II or demonstrated knowledge			

Spanish IV – 1.0 Credit		Arts/2L	Length: Year
College Entry: Yes	College Credit: No	Repeat for Credit: No	Grade Level: 10–12
¡Ya podemos leer y escribir en español! In this course students study the most advanced grammar structures and verb tenses. At this level students read Short stories, newspapers, magazines in Spanish. The class learns about the most popular authors and artists in Spanish-speaking history as well as in the present day. *Most 4-Year Universities require 2 years of the same foreign language for admissions.			
Prerequisite: Spanish III or demonstrated knowledge			

Native Spanish I – 1.0 Credit		Arts/2L	Length: Year
College Entry: Yes	College Credit: Yes	Repeat for Credit: No	Grade Level: 9–12
These courses support, reinforce and expand students' knowledge of their own tongue. Because students understand at least the rudiments and structure of the language and have a working vocabulary, Native Speakers' Spanish moves faster than a regular Spanish course. There is an emphasis on literary development using a study of literature and composition. There are also cultural and historical components. *Most 4-Year Universities require 2 years of the same foreign language for admissions.			
Prerequisite: Active fluency in conversational Spanish or Teacher Recommendation			

Native Spanish II – 1.0 Credit		Arts/2L	Length: Year
College Entry: Yes	College Credit: Yes	Repeat for Credit: No	Grade Level: 9–12
These courses support, reinforce and expand students' knowledge of their own tongue. Because students understand at least the rudiments and structure of the language and have a working vocabulary, Native Speakers' Spanish moves faster than a regular Spanish course. There is an emphasis on literary development using a study of literature and composition. There are also cultural and historical components. *Most 4-Year Universities require 2 years of the same foreign language for admissions.			
Prerequisite: Native Spanish I or Teacher Recommendation			

Why Take Spanish?

- Learn to converse with classmates
- Join the majority of the world's population who are multilingual
 - Connect with other people groups, other cultures
- Advance your career, have the advantage when applying for employment
 - Challenge your brain!
- Keep all post-high school doors open to be eligible to apply for 4-year Universities
 - Earn your biliteracy seal*
 - Prepare to see the world

*The State Seal of Biliteracy is established to recognize high school graduates who have attained a high level of proficiency in reading, writing, listening, and speaking in two or more World Languages. The State Seal of Biliteracy is applied on a student's diploma. Contact the GHS World Languages teacher for more information.

Miscellaneous

Advisory - .50 Credit		Elective		Length: Year
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9-12	
All GHS students are enrolled in a daily Advisory class. (.25 elective credits may be earned each semester). Lessons are presented on topics ranging from maintaining physical and mental health to career research and post-high school planning. Each student completes and annually updates their “Personal Education Plan and Profile” (PEPP) in their Advisory class. Students remain with the same Advisory teacher for four years enabling a mentoring relationship to be built.				
Prerequisite: None				

AVID - 1.0 Credit		Elective		Length: Year
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9-12	
Advancement Via Individual Determination (AVID) is designed to improve student academic performance and achievement via the development of college prep skills. Students will receive instruction in college & career skills, tutorials, motivational skills, best academic practices, student survival skills, and community involvement. There will be a focus on the writing and reading skills necessary for college success. All AVID students will go on college visits, participate in community involvement projects, and hear college and career guest speakers. In upper grades students will complete college admissions and financial aid processes. Application Required. (Contact Mrs. Enfield)				
Prerequisite: Application and Approval				

Leadership - 1.0 Credit		Elective		Length: Year
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9-12	
This course offers the opportunity for students grades 9-12 to acquire leadership skills through project-based curricula. This is a required course for ALL elected or selected student council (Class and ASB) officers throughout their tenure in office. This course is the main time and place for student council to meet, plan, and implement various projects including, but not limited to: assemblies, dances, community events, fundraisers, and service projects. Non-elected students may take this course, but need instructor approval to do so. <u>This course requires students enrolled to attend some functions outside of school hours.</u>				
Prerequisite: Application and Approval				

Peer Tutor Training - .25 credit		Elective	Length: Independent Study
College Entry: No	College Credit: No	Repeat for Credit: No	Grade Level: 9-12
This training course will enable selected students to provide assistance to other high school students through the use of tutoring techniques that foster active learning and student independence. Topics include productive tutoring techniques, supporting the whole learner, learning styles, and dealing with learning differences. Students must complete tutor training and complete a minimum of 15 hours of verified training to receive credit.			
Prerequisite: 3.0 GPA or higher, Teacher Recommendation. Contact Mrs. Joy-Koer			

Peer Tutor Practicum- .50 credit		Elective	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 9-12
A peer tutor works with the classroom teacher. The tutor will meet with small groups of students or individuals as assigned by the teacher. A tutor must be a self-starter, able to work with minimal adult supervision.			
Prerequisite: 3.0 GPA or higher, completion of Peer Tutor Training, Teacher Recommendation. Contact Mrs. Joy-Koer			

Teacher Assistant - .50 Credit		Elective	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 11-12
A teacher assistant (TA) is a student who works with a classroom teacher, completing specific responsibilities assigned by the teacher.			
Prerequisite: On-track to graduate, Application and Teacher/Counselor/Parent Approval			

Teacher Assistant Preschool/Day Care - .50 Credit		Elective	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 11-12
A teacher assistant (TA) for Pre-School/Day Care is a student who works with the pre-school or Day Care staff to take care of the young students in those programs. This class earns elective credit, but this can be changed to CTE credit with the completion of a few readings/assignments/reflections. See our counselor for an application.			
Prerequisite: On-track to graduate, Application and Counselor/Parent Approval			

Office Assistant - .50 Credit		Elective	Length: Semester
College Entry: No	College Credit: No	Repeat for Credit: Yes	Grade Level: 11-12
Office assistants gain experience in filing, record keeping, telephone etiquette, and related general office tasks in a clerical office setting. This course helps to prepare students for entry positions in business occupations by emphasizing the importance of desirable personality characteristics, the ability to work with supervision, office confidentiality, punctuality, cooperativeness, and an attention to detail.			
Prerequisite: On-track to graduate, Application and Office/Counselor/Parent Approval			

Archived Classes

NOT OFFERED IN 22-23

Introduction to Foods (0.5)

Students will learn about food safety and processing. Food science is the study concerned with all technical aspects of food, beginning with harvesting and ending with its cooking and consumption. Students will learn about food quality and safety, nutrition and research, food processing, and current trends in the food industry. A chance to obtain a food handler's card will be available

Introduction to Equine Science (0.5)

College Credit possible

Students will learn basic concepts and terms used in the horse world. Units of instruction will include the benefits and influences of horses on our society, the history of horses, breed and age identification, anatomy, colors and markings of horses. Linn Benton College credit offered.

Introduction to Business (0.5)

Introduces the interrelationships of business, government and society. In this overview course you will learn about economics, leadership, marketing, business plans, entrepreneurship, international business, government regulation, and the banking system.

Prerequisite: None

Sports and Entertainment Marketing (0.5)

This is an introductory course that will help students gain an understanding of marketing concepts as they apply to the sports and entertainment industries. This course focuses on finance, marketing and management functions/tasks that can be applied in amateur or professional sports, sporting events, entertainment or entertainment events, the selling or renting of supplies and equipment used for recreational or sporting purposes, products and services related to hobbies or cultural events, or businesses primarily engaged in making productive or enjoyable use of leisure time.

Prerequisite: None

Language, Power and Social Justice (0.5)

This course examines the connections between language, power, and social justice. Students will explore how inequities at the local, national, and global levels are perpetuated through language. Students will practice writing conventions, practice formal grammar, respond to reading/writing assessment prompts, and write every day. Drawing on contemporary examples, students will learn how the power of language can both produce and combat inequities. This is a one-semester course for sophomores, and is aligned with the Oregon State Writing Standards.

College Writing A (0.5) and B (0.5)

College credit possible

This course provides students with an opportunity to earn Writing 121 credit through the Willamette Promise program administered by Western Oregon University. To earn dual credit, students must be enrolled for the full year (both A and B). The course may also provide engagement with classic works of literature, time to focus on college essays, and other curriculum supporting student success.

Accelerated Algebra (1.0) [Grade 9 Only]

Accelerated Algebra 1 is for 9th grade students who demonstrated advanced mastery of Algebraic topics in 8th grade. In the span of one semester, students build on the algebraic success they had in 8th grade to achieve mastery in all Algebra 1 standards. The key content of this course involves writing, solving, and graphing linear and quadratic equations, including systems of two equations in two unknowns. The course also includes study of monomial and polynomial expressions, inequalities, exponents, functions, rational expressions, ratios, and proportion. **Prerequisite: Teacher recommendation**

Math Essential Skills (0.5 elective credit)

In order to graduate all students must prove their mastery of advanced math skills. This can be done by earning a superior score on various national tests (SBAC, PSAT, SAT, ACT, Work Keys) or through the completion of work samples. Students not achieving a superior score as a junior will be placed in one or more essential skills classes in order to complete the work samples required for graduation.

Advanced Biology A (0.5) and B (0.5)

Lab Science

This is a two-term course focused on preparing students for work in medicine, dentistry, veterinary science and other life science fields after graduation from high school, as well as for college-level biology. The course covers principles of biochemistry, cell and molecular biology, genetics, ecology and the history of life on earth. Laboratories will utilize methods of biotechnology and students will explore applications and ethical questions created by emerging biotechnologies.

Prerequisites: Successful completion of Biology A/B. Preferred: Completion of Chemistry, IPS, or instructor permission.

Psychology (0.5)

This course introduces students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

Wellness Occupations (.50)

Exploration of Healthcare Occupations that will expose students to the variety of opportunities available within the healthcare industry. Students could be exposed to careers in nursing, therapy, dental care, administrative services, lab technology, and many more. This exposure can come in the form of guest speakers from the healthcare field, and discussions/projects related to the profession. Students will also be eligible to attend field trips to colleges and professional-level schools, and other healthcare facilities.

Construction I (1.0)

Students will review general shop safety, and identification and use of hand and power tools used in basic woodworking and construction. Tools of emphasis include table saw, circular saw, band saw, jig saw, drills, sanders, nail guns, and basic hand tools. Students will be introduced to the different vocational areas involved within the construction industry. Students will participate in advanced woodworking projects including framing, siding, and other construction techniques, applying the safe use of tools provided. Students will develop knowledge of residential and commercial contracting in a variety of categories, including framing, tile, drywall, electrical, exterior finishing, and paint. Students will research and analyze data to evaluate tool attributes and work in small groups to build small sellable construction projects such as garden sheds. Students will have an opportunity to earn

industry recognized badges in employability skills through the New World of Work curriculum. Students will be able to enroll in APR 101, Trade Skills Fundamentals in preparation for Construction II.

Prerequisite: Woods II

Construction II (1.0)

Students will learn to read and build from construction plans. This course will include materials estimation, calculation of board feet and square feet. Instruction in the proper use of a variety of tools used in construction applications will be emphasized, including nail guns, skill saws, table saws, panel saws and compound slide miter saws. Students will be introduced to building codes and OSHA regulations. Correct tool identification and familiarity with construction materials will be stressed. Wall, roof and floor framing will be learned, as well as door and window installation and putting up siding. Students will also learn to construct stairs and install exterior trim. Students may also use this time for mentorship and job shadow opportunities within industry.

Trade Skills Fundamentals (APR 101) Introduces the apprenticeship industry and the requirements necessary to enter an apprenticeship program. APR 101 is a CCN or College Credit Now course offered through Chemeketa Community College Includes employment and industry opportunities, and base construction and maintenance skills used in various crafts and examines concepts in safety. Covers use of trade vocabulary, math, hand and power tools, blueprint reading, basic rigging, and basic principles of resume writing. Students are able to achieve three transferable credits, an OSHA 10 certificate, first aid and CPR certification and a pre-apprenticeship course completion certificate.

Prerequisite: Construction I