

CURRICULUM HANDBOOK

School Year
2019-2020



WOODLAND HIGH SCHOOL
1500 Dike Access Road
Woodland, WA

02/27/19

STUDENT/PARENT GUIDE TO SCHEDULE FORECASTING

This Curriculum Handbook is a guide to Woodland High School's offerings for the 2019-2020 school year.

This information is designed to help you in making decisions about next year's schedule of classes. It contains some graduation data, course descriptions and prerequisites.

Students shall be expected to earn the required amount of credits according to their graduation year in order to earn a high school diploma from Woodland School District. Credit requirements have been increased beyond those of the State Board of Education to assure that students have an opportunity to undertake a broad variety of academic, occupational, cultural and recreational courses in order to substantially enhance the quality of life that they may have while in high school and during the years to follow.

We conform to all the laws, statutes, and regulations concerning equal employment opportunities and affirmative action. We strongly encourage women, minorities, individuals with disabilities and veterans to apply to all of our job openings. We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, gender, sexual orientation, gender identity, or national origin, age, disability status, Genetic Information & Testing, Family & Medical Leave, protected veteran status, or the use of a trained dog guide or service animal or any other characteristic protected by law and provides equal access to the Boy Scouts and other designated youth groups.

We prohibit retaliation against individuals who bring forth any complaint, orally or in writing, to the employer or the government, or against any individuals who assist or participate in the investigation of any complaint or otherwise oppose discrimination. Inquiries regarding compliance procedures may be directed to the School District's Title IX Coordinator, Discrimination Officer and Affirmative Action Officer, Vicky Barnes, 800 Second St. Woodland, WA 98674, barnesv@woodlandschools.org, (360) 841-2702, or 504 Coordinator, Jake Hall, 800 Second St. Woodland, WA 98674, hallj@woodlandschools.org, (360) 841-2720.

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I. Requirements to Earn a Diploma

To earn a Woodland High School Diploma, a student must accomplish four goals:

- 1) Classes of 2020-2023 must earn 24.0 credits and pass all required classes.
- 2) Show academic competency on the state assessments (or through State approved alternatives.
See "Graduation Requirements and State Testing" for details.)
- 3) Complete a Culminating Project
- 4) High School and Beyond Plan

Woodland High School operates on a two semester system with four grading periods. Semester grades are awarded after the second and fourth quarters. Those semester grades are the marks recorded on student transcripts and are the permanent grades for courses taken.

The high school is on a six period day schedule. Students can earn 6.5 credits in a year. One-half credit may be earned by successfully completing a class in a semester. Please see the following pages for the required classes for your graduation year.

It is a policy of the Woodland School District that to receive a Woodland High School diploma a student must complete their final semester at Woodland High School prior to completing graduation requirements.

Subject	Career & College-Ready Graduation Requirements for the Class of 2020 & Beyond
English	4
Math	3
Science	3 (2 lab)
Social Studies	3
Career & Technical Education ¹	1
Health and Fitness	2
Arts	2 (1 can be PPR*)
General Electives	4
World Language (or) Personalized Pathway Requirement (PPR)	2 (Both can be PPR*)
Total Credits	24²

***Personalized Pathway Requirement** are related courses that lead to a specific post high school career or educational outcome chosen by the student based on the student's interests and High School and Beyond Plan, that may include Career and Technical Education, and are intended to provide a focus for the student's learning.

¹ or 1 Occupational Education credit, as defined in WAC 180-51-067

² Up to 2 credits can be waived locally based on a student's unusual circumstances.

REQUIRED CLASSES AND CREDITS FOR THE CLASS OF 2019 & BEYOND

Required courses and credits

English 4.0 credits (Page 16-17)

English 9	1 credit
English 10	1 credit
English 11 or AP Language & Composition	1 credit

The final 1 credit of English must be chosen from:

Advanced Drama	.5 credit
AP English Literature & Composition	1 credit
Applied English/Career Choices	.5 credit
Creative Writing	.5 credit
Heroes, Myths, and Legends	.5 credit
Senior English	.5 or 1.0 credit

(Literacy Development and ELL English count for Woodland High School English credit for those who qualify.)

Fine, Visual or Performing Art 2.0 credit (Pages 17-19) *Selected from courses listed below*
OR 1.0 Fine, Visual or Performing Art AND 1.0 Personalized Pathway Requirement

AP Studio Art/Drawing Portfolio (<i>not offered in the 2019-20 school year</i>)	Beginning Guitar
AP Studio Art/Drawing Portfolio Independent Study (<i>not offered in the 2019-20 school year</i>)	Beginning Painting
Advanced Drama (<i>not offered in the 2019-20 school year</i>)	Concert Choir
Beaver Band	Digital Arts
Beginning Ceramics	Jazz Choir
Beginning Drama/Theatre	Jazz Ensemble
Beginning Drawing	Percussion Ensemble
	Publishing
	Web Page Design 2

Health & Fitness 2.0 credits (Pages 19-20)

9th grade- Fitness .5 credit
Health .5 credit
1.0 credit of Early Childhood can be taken to meet the .5 Health requirement-(student will earn .5 Health credit and .5 Occupational credit) or 1.0 credit of Medical Science 1 & 2 can earn .5 Health and .5 Science credit.

An additional credit of P.E. from:

Athletes in Action
Indoor Cycle Class
Personal Fitness
Sports Conditioning
Strength & Conditioning
Women's Strength & Conditioning

Mathematics 3.0 credits (Page 21)

Algebra 1
Geometry
Transitional Math

Algebra 2
Pre-Calculus
AP Calculus

Algebra 1 and Geometry are required courses at Woodland High School and are designed to help the student meet the requirements of Washington State Assessment

The third credit of math may be met by taking Algebra 2, Financial Fitness, Physics or another pre-approved class on the student's High School & Beyond Plan. (Math Development classes will count for those who qualify)

Occupational Education (CTE) 1.0 credit (Pages 22-26) *Selected from courses listed below:*

Adv. Horticulture Science
Adv. Metal Fabrication Tech.
AP Biology
Automotive Maintenance
Beg. Horticulture Science
Beg. Metal Fabrication Tech.
Computer Applications
Creative Chef
Early Childhood Education
Entrepreneurship

Ethnic Cooking (*not offered in 2019-20*)
Financial Fitness
Floral Design
Floral Shop Management
Human Anatomy and Physiology (*not offered in 2019-20*)
Independent Living
Maritime Trades

Marketing
Medical Science
Office Skills & Communications
Publishing
Retail Operations
Cascadia Tech Classes
Web Design

Science 3.0 credits (Pages 26-29) *Selected from science courses listed below*

Horticulture
AP Biology
AP Chemistry
Astronomy-Universe and Stars
Astronomy-Planetary Studies
Biology or Honors/Pre-AP Biology
10th grade
Chemistry

General Science 9th grade
Geology (*not offered in 2019-20*)
Beginning Horticulture
Human Anatomy and Physiology (*not offered in 2019-20*)
Marine Science
Medical Science
Physics
Zoology

Social Studies 3.0 credits
(Pages 29-30)

10th Grade: U.S. History 1, 1.0 credit **or** AP European History
11th grade: U.S. History 2 **or** A.P. U.S. History, 1.0 credit
12th Grade: U.S. Government, .5 and Modern World History, .5 credit; **or**
AP U.S. Government, 1.0 credit

Washington State History graduation requirement must also be met.

Earning a Diploma: State Testing Requirements for the Class of 2020 and Beyond

In high school, students take tests in ELA, math, and science for **federal accountability**. State tests may be taken with or without tools, supports, or accommodations. Students take the WA-AIM only if it's documented in their IEP.

Tests Required for Federal Accountability		
Grades	Subject	Test
10	ELA	Smarter Balanced or WA-AIM
	Math	
11	Science	WCAS or WA-AIM

The state legislature passes laws that determine graduation requirements. One of the requirements is that students pass tests, or state-approved alternatives. Required tests vary by expected year of graduation. A student's expected year of graduation is four years after he or she enters the 9th grade. (For example, if a student enters 9th grade in the 2017-18 school year, he or she is in the Class of 2021.)

State tests may be taken with or without tools, supports, or accommodations. Students take the WA-AIM only if it's documented in their IEP.

Tests Required for Graduation		
Class of	Subject	Test
2020	ELA	<p>Choose 1:</p> <ul style="list-style-type: none"> Smarter Balanced ELA test (<u>exit exam score</u>)** WA-AIM (<u>exit exam score</u>)**
	Math	<p>Choose 1:</p> <ul style="list-style-type: none"> Smarter Balanced math test (<u>exit exam score</u>)** WA-AIM (<u>exit exam score</u>)**

2021 & beyond	ELA	Choose 1: <ul style="list-style-type: none"> Smarter Balanced ELA test (exit exam score)** WA-AIM (exit exam score)**
	Math	Choose 1: <ul style="list-style-type: none"> Smarter Balanced Math test (exit exam score)** WA-AIM (exit exam score)**
2021 & beyond	Science	Choose 1: <ul style="list-style-type: none"> WCAS WA-AIM (exit exam score)**

** "Exit exam" scores (for graduation requirements) are separate from what are known as the "college- and career-ready" scores.

Other Assessments

- **OSPI-Developed Assessments (formerly CBAs) and OSPI-Developed Performance Assessments (formerly CBPAs)**: The state develops classroom-based assessments based on the state's learning standards to help guide day-to-day instruction. State curriculum specialists create tasks and questions that model good assessments and provide them to local school districts.
- **National Assessment of Educational Progress (NAEP)**: NAEP is a national assessment that allows educational achievement to be compared across states. Federal law requires every state to give the NAEP in reading and math at grades 4 and 8 every two years. States and school districts that receive Title I federal funding to aid educationally disadvantaged students in high poverty areas must participate in these assessments. Other subjects also are tested.
- **English Language Proficiency Assessment for the 21st Century (ELPA21) Screener**: The ELPA21 screener assesses the reading, writing, listening, and speaking knowledge and skills of students whose families answer "yes"

to questions #2 or #3 on the [Home Language Survey](#). The ELPA21 screener is used to determine student eligibility for English language development (ELD) services.

- **English Language Proficiency Assessment for the 21st Century (ELPA21)**: The ELPA21 is an online annual summative assessment of English language proficiency. Reading, Writing, Speaking, and Listening skills are assessed and scores are used to determine continued eligibility for English language development (ELD) services in school. Only students whose families answered “yes” to questions #2 or #3 on the Home Language Survey and placed into ELD services through a placement exam take this assessment.

Culminating Project

The Culminating Project spans the course of a student’s high school career and is a Woodland High School graduation requirement. There are components that also satisfy requirements of the Washington State High School and Beyond Plan. Each year students build upon their skills from the previous year. The majority of the requirements are linked to curriculum.

A student is required to give a presentation each year. Freshmen year there are two opportunities within the Physical Education and English classes. In the sophomore year it will take place in English classes. Juniors will have a presentation in History class. Additionally, they will research careers of interest in their junior English class.

Between the junior and senior years, students are required to complete 20 hours of service. During the senior year students write a reflection paper and give a final presentation. This will be a culmination of “who” the student is and “what” they have learned. Each step in this process is designed to assist them in developing a goal for their post high school educational plan, which becomes the “why” in this the Culminating Project.

Additional information is located on the Woodland High School webpage, under Culminating Project.

Complete a High School and Beyond Plan

The High School and Beyond Plan is a formal process designed to help students think about their future and select course work that will best prepare them for their post high school goals. Students create their High School and Beyond Plans in cooperation with School Counselors and Parents/Guardians. Students begin their plans in the 9th grade year and revise throughout high school to accommodate changing interests or goals.

Students should be encouraged to include the following elements in their plan:

- Their personal story – what experiences, interests and goals are shaping who they are now and who they want to become.
- Their learning style
- Their goals for high school – what their four years of high school look like, including classes, extracurricular activities, sports, a job, etc.
- Their goals for immediately after high school – a student's plan should include the classes needed in preparation for a 2- to 4-year college, vocational or technical school, certificate program or the workforce.

The High School and Beyond Plan is central to the graduation requirements. Pending legislative authorization and funding, The Washington State Board of Education has approved adding the following elements to the High School and Beyond Plan to make the requirements more consistent across districts and more relevant to students:

- a. Personal interests, abilities, and relationship to current career goals.
- b. Four-year plan for course-taking that is related to graduation requirements and the student's interests and goals, including consideration of dual credit opportunities within such a plan.
- c. Research on postsecondary training and education related to one's career goals, including comparative information on the benefits and costs of available choices.
- d. Budget for postsecondary education or training and life, based on potential education and training choices.
- e. Participation in a postsecondary site visit(s).
- f. Completion of an application for postsecondary education and training.
- g. Completion of a resume.
- h. Identify assessments that may assist in planning or are required to achieve educational/career goals.

The Washington State Board of Education established the High School and Beyond Plan as a graduation requirement.

College Entrance Requirements

FOUR YEAR COLLEGES:

A student who wishes to have the option to enter a 4 year college directly after high school must have at least the following classes on their high school transcript. Please check with the college of your choice for information on their specific requirements.

Students must take at least 3 required college bound classes (CADR) during each year of high school. A senior must take a math or a math-based science course

English:	4 credits
Science:	3 credits, 2 credits of a lab science (General Science and Biology) 1 credit of an Algebra-based lab science (Chemistry, AP Chemistry or Physics)
Math:	3 credits, at least through Algebra 2
Social Studies:	3 credits
Visual and Performing Arts:	1 credit (See specific colleges for restrictions on this requirement)
World Language:	2 credits of the same World Language, Native American Language, or American Sign Language is a CADR requirement for entrance into a four year college or University.

High School Athletes:

If a student aspires to participate in a Division I or Division II sport at the 4-year college level, he/she must register with the National Collegiate Athletic Association Eligibility Center. Please consult the NCAA website early in your high school career. www.eligibilitycenter.org

COMMUNITY COLLEGES:

A Woodland High School Diploma meets or exceeds most of the minimum entrance requirements for community colleges. However, as part of the application process, the student must take a placement test to assess his/her skill level in reading, writing, and mathematics. The student's score on the placement test determines the level of the courses the student may initially take. So the student should get specific entrance requirements about the programs in which s/he is interested. In some cases admission is competitive, so exceeding the program's entrance requirements is advised. Two years of a world language are generally not required for entrance to community college.

College Credit Options

1) ADVANCED PLACEMENT PROGRAM:

The AP Program is a national program administered through the College Board. It is a collaborative effort among high schools, colleges and universities to offer college-level courses to high school students. Through a national examination process, the AP Exams, a student is able to document knowledge of a subject, and earn college credit in that subject.

Woodland High School participates in the AP Program, offering nine AP classes. These classes are:

- AP Biology
- AP Calculus AB
- AP Chemistry
- AP English Literature
- AP English Language and Composition
- AP European History
- AP Studio Art
- AP U.S. Government and Politics
- AP U.S. History

These classes have been officially approved by the College Board as meeting the standards of the AP Program. They are rigorous classes which prepare students to voluntarily pay a test fee and take the AP Exams which occur in May each year. When a student earns a certain score on the test, he or she is eligible to receive college credit for that subject at the college or university of choice. The college determines the score required and how much credit is earned. AP Studio Art is not based on a written exam; instead students submit portfolios to the AP College Board for evaluation at the end of the school year.

2) RUNNING START:

Students in 11th and 12th grades may earn college credit through the Running Start Program taking classes at a local community college. Tuition for the college classes is funded by the state of Washington. These college credits simultaneously count toward high school graduation. See page 10 for further information on the program.

3) CASCADIA TECH:

Some Cascadia Tech programs offer community college credit. See Mitch Kochis with questions.

4) COLLEGE IN THE HIGH SCHOOL:

Woodland High School offers the students college credits by enrolling in AP US History, Pre-Calculus, AP Composition, AP Government, Physics and AP Calculus. Students can decide to enroll in the Woodland High School course and concurrently enroll for credit through LCC or Central Washington University. There may be fees associated with this program, but the student benefits by taking the course at the high school and not paying for transportation or books to earn the college credit.

Running Start

Running Start is a program allowing qualified 11th and 12th grade Woodland students to be enrolled in college classes and earn both college credit and high school credit at the same time. The students enrolled in Running Start must meet the following criteria: They must:

- Apply to the community college of their choice (Lower Columbia College or Clark College), meet the application deadline, take a placement test (COMPASS, if required by your chosen college/program) and be accepted by the college.
- Meet with the high school counselor and receive approval of those classes taken for high school credit.
 - Get validation from the high school counselor for any changes from the original, approved schedule.

In addition, the following requirements must be met:

1. Maximum combined enrollment will be limited to 1.2 FTE. One 5-hour college (level 100 or above) class per college quarter equals 1.0 high school credit. One 3-hour college class equals .6 high school credit.
2. Transportation, books and fees for the Running Start program are the responsibility of the student and parents. The State of Washington pays tuition for up to 15 credits per college quarter.
3. Running Start enrollment at community colleges is limited to Fall, Winter and Spring quarters.
4. Running Start students must complete a culminating project and pass state testing requirements to receive a Woodland High School diploma.
5. Students will be treated as college students while attending the community college, expected to adhere to the same college rules, expectations and procedures as all other college students. Students are responsible for knowing and following all rules, guidelines and deadlines of the Running Start program at the specific college they are attending.

REMEMBER

**YOU MUST HAVE JUNIOR OR SENIOR
CLASS STANDING**

**PASS THE COMPASS TEST, IF
REQUIRED BY YOUR CHOSEN
COLLEGE/PROGRAM**

**FOLLOW GUIDELINES FOR
FORECASTING/REGISTRATION**

**STUDENTS ARE RESPONSIBLE FOR
BOOKS, FEES AND TRANSPORTATION**

College in the High School

Woodland High School offers the students college credits by enrolling in AP US History, Pre-Calculus, AP Composition, AP Government, Physics and AP Calculus. Students can decide to enroll in the Woodland High School course and concurrently enroll for credit through LCC or Central Washington University. There may be fees associated with this program, but the student benefits by taking the course at the high school and not paying for transportation or books to earn the college credit.

English Courses

- English 101, English composition (5 credits)
- English 102, English Composition & Research (5 credits)

Math Courses

- Math 153, PreCalculus 1 (5 credits)
- Math 154, PreCalculus 2 (5 credits)
- Math 172, Calculus 1 (5 credits)
- Math 173, Calculus 2 (5 credits)

Physics Courses

- Physics 111 (5 credits)
- Physics 112 (5 credits)

Social Studies Courses

- Political Science 202, Intro to American government (5 credits)
- History 136, Survey of Early American History (5 credits)
- History 137, Survey of Modern American History (5 credits)

Cascadia Tech



**Cascadia Tech Academy
12200 N.E. 28th Street
Vancouver, WA 98682
(360) 604-1050**

Cascadia Tech Academy offers Career and Technical Education in 16 program areas. The student can earn college credit through many of the programs as well as industry certifications and licenses.

The courses are full- year classes offered in three-hour blocks to students in grades 11 and/or 12. All classes meet Monday through Friday: Session I from 7:45 – 10:15 a.m. and Session II from 11:15 – 1:45 p.m.

Students attending Cascadia Tech are bused from Woodland High School at no expense to the student. Woodland High School students meet the bus at the high school at 7:00 a.m. every day, including Mondays. The bus returns the students to WHS at 11:00 a.m. Requests for driving approval are given through the sending high school only. Some programs offer off-campus internships and students will be responsible for their own transportation to the internship site.

Because Cascadia Tech offers hands-on learning and lab experiences, it is mandatory that each student provide proof of health insurance or school accident insurance. If there is concern about insurance coverage, please contact the Cascadia Tech Academy office. Prior to admission, all students are expected to attend an orientation program at Cascadia Tech with their parent or guardian.

The development of professionalism and leadership skills is a hallmark of Cascadia Tech Academy. The core areas of communication and interpersonal skills, teamwork, problem solving, quality, goal setting, resource management, employability and community service and citizenship skills are all addressed in every program.

Because there are only a limited number of slots available, the student must apply for admission to Cascadia Tech Academy. Applications are available from counselor, Mitch Kochis, in the counseling office. The application includes recommendations from three teachers, an attendance printout showing excellent attendance, and a statement of goals written by the student. Programs offered are:

Administrative Office Professional
Applied Medical Sciences
Automotive Technology
Aviation Technology
Construction Technology
Cosmetology
Criminal Justice
Dental Assisting
Diesel Technology
Fashion Design
Fire Cadet Program
Hospitality and Tourism
Information Technology Systems, Service, and Support
Pre-Engineering Design Tech
Restaurant Management/Culinary Arts

Special Programs

Woodland High School Academic Scholars Program

The Woodland Academic Scholars Program is designed to reward those students who undertake the challenges of a rigorous academic program and achieve a high level of learning. We believe this program motivates students to challenge themselves while it underpins Woodland School District's commitment to excellence in education.

The Woodland Academic Scholars Program is open to any student pursuing a Woodland Diploma who is willing to pursue a demanding course of study. The student must achieve a cumulative grade point average of 3.50 or above at the end of the 7th semester in the prescribed course of study outlined below. An Advisory Board made up of an administrator, a counselor, and at least one teacher of an academic subject will review any individual policy interpretations.

The application process is introduced to the eighth grade class, prior to entering high school. To participate, we recommend that the student complete a four-year high school plan with his/her parent and counselor in the spring of 8th grade or fall of 9th grade. However, the student may complete this process as late as the beginning of senior year. A transfer student who meets the criteria is also eligible to participate as long as the transfer student has a transcript from a regionally accredited high school. A student may discontinue his/her pursuit of the Academic Scholars Program at any time.

To be eligible for the *Woodland Academic Scholars Program* the student must successfully complete the following:

- Four credits of English
- Four credits of college preparatory mathematics including Pre-Calculus*
- Four credits of college preparatory science including at least two advanced science classes (Chemistry, AP Biology, AP Chemistry, Physics, or Anatomy & Physiology)*
- Two credits of the same second language
- Three credits of social studies
- All additional requirements for a Woodland High School Diploma

*The student must take a quantitative course senior year which can be a math course or an algebra-based science course.

In conjunction with the above prescribed program, a student must complete at least seven credits in honors, advanced, or Advanced Placement courses selected from the following list. Other courses may be added to this list as they are added to the course offerings:

- Honors English 9
- Honors English 10
- Advanced Placement English 11
- Advanced Placement English 12
- Pre-Calculus
- Advanced Placement Calculus
- Honors Pre-AP Biology
- Advanced Placement Biology
- Advanced Placement Chemistry
- Physics
- Human Anatomy & Physiology
- Advanced Placement U.S. History
- Advanced Placement Government
- Advanced Placement European History
- Advanced Placement Studio Art

In addition to the courses listed above, a Running Start student may count college courses at 100-level or above which are approved for a transferable Associate Degree Program; such courses must be transferable to a four-year college or university as part of a Bachelor's Degree Program. A three-credit college course is equivalent to a one-semester high school course and a five-credit college course is equivalent to a one-year high school course.

Whether the student is full-time at Woodland High School or full or part-time in the Running Start Program, the student's program of study must be pre-approved by the Academic Scholars Committee.

All courses in the prescribed course of study must be graded, not Pass/Fail. An elective course which is not part of the Academic Scholars Program may be taken Pass/Fail as long as the student passes the class. The student may have no courses of any kind with a grade below a "C-." (A grade of D or F disqualifies a student.)

CAREER PATHWAYS

TAKE THESE HIGH SCHOOL COURSES	RECEIVE THESE COLLEGE CREDITS OR EXEMPTIONS AT LOWER COLUMBIA COLLEGE
WOODLAND	
Automotive Technology & **Diesel/Heavy Equipment Technology	Ag Power and Mechanics (2 semesters)
Computer Applications	Computer Applications
	AMTC 100 Essentials of Mechanics (5 credits) DHET 100 Essentials of Mechanics (5 credits) BTEC 104 Intro to Business Technology (5 credits) *BTEC 146 PowerPoint Fundamentals (2 credits) *BTEC 145 Intro to MS Word (5 credits) *CS 121 Intro to Spreadsheets (5 credits) *Students must pass the MOS Certification in order to receive college credits
Human Anatomy & Physiology	Human Anatomy & Physiology (2 semesters) B or better – receives 5 college credits
Early Childhood	Early Childhood I
	Biol&160-General Biology w/Lab ECED&100 Child Care Basics (3 credits) ECED&105 Intro to Early Childhood (5 credits) ECED&107 Health Safety & Nutrition (5 credits) ECED&120 Practicum (2 credits)
Welding Technology	Beginning Metal (1 semester) Advanced Metal Fabrication Technology (1 semester)
	Weld071 Intro to Oxy Acetylene (2 credits) Intro to Arc Welding (2 credits)

For more information: Contact your Career Pathways Teacher or Lower Columbia College at (360) 442-2610

Because of an agreement between Woodland High School and Clark College, if you register, earn a “B” grade in one of these classes, and meet all requirements, you will receive Clark College credit! This program is intended for those students wishing to complete a degree or certificate program at a WA State Community College. Transferring credit to a university is dependent on their evaluation criteria.

Be sure to talk to your teacher about registration if you’re in one of these classes and get a jump start on your college education today!

High School Courses and Teachers	Clark College Course	Credits Earned	Savings to YOU!
Anatomy & Physiology (Yr) (N. Warndahl)	HEOC 100- NON TRANSFER Anatomy & Physiology	4	\$426.32
Medical Science 1&2 (Yr) (N. Warndahl)	HECO 104	3	\$319.74
Medical Science 1 (Sem) (N. Warndahl)	HLTH 124	1	\$106.58
Medical Science 1&2 (Yr) AND Anatomy & Physiology 1&2 (Yr) (N. Warndahl)	BMED 110 & 111	6	\$639.48
Total Tech Prep Credits & Savings Available		14	\$1492.58

Information Related to Credits

1) CREDIT RECOVERY

Prior approval process: In order for a class taken outside of Woodland High School to count for credit at the high school, it must have prior approval. The student and parents should first meet with a counselor to help with class selection. To assure that the classes taken will count toward a Woodland High School diploma students must complete a *Credit Recovery/Alternative Program Proposal Form* and obtain all necessary signatures. There also are a few courses that can be taken online or via our academic success class through Woodland High School. Please see your counselor for more information.

2) RETAKING A CLASS TO IMPROVE GPA

Students who have failed and then repeat a core class at Woodland High School (ex. English 9) will only have the passing grade used in the calculation of the student's G.P.A. Please see your counselor for details.

3) WAIVING PE REQUIREMENTS

Students can have up to 1 ½ credits of the PE requirements waived by participating in a school sponsored athletic program and successfully passing the end of course assessment. Students who are successful will then be able to take other courses in lieu of their PE requirements. Stated another way, students will not be "earning credit" via this method, rather they will have the requirement to take PE classes waived. See additional information on page 20.

ENGLISH

English 9 1.0 credit Grade 9

This is a beginning high school English class that focuses on reading strategies, communication skills, grammar, vocabulary, writing skills, and literature analysis. Honors English credit can be earned as a part of this course. Students will receive additional expectations and requirements from their instructors in the fall.

English 10 1.0 credit Grade 10

This is an extension of the English 9 course concentrating on reading strategies, communication skills, grammar, vocabulary, writing skills, and literature analysis. Honors English credit can be earned as a part of this course. Students will receive additional expectations and requirements from their instructors in the fall.

English 11 1.0 credit Grade 11

This required class emphasizes writing skills needed for the required culminating project research paper, literary analysis of American Literature, grammar, and vocabulary.

Senior English .5 or 1.0 credit Grade 12

This required class prepares students for secondary education. This course will provide lessons in reading analysis, writing, and research.

**Applied English/Career Choices
.5 credit Grade 12**

Are you planning on entering the workforce after high school? If you would like to learn real world work skills such as writing a cover letter, job application, interview skills, professional report writing, completing taxes, then this is the class for you.

**AP English Literature & Composition
1.0 credit Grade 12**

Prerequisite: Pass AP Language and Composition with a B- or better, or Instructor Approval

This course follows the curricular requirements outlined by the College Board for the AP Literature and Composition Course. This is a college-level course where students focus on analyzing and responding to texts. This includes extensive reading, literary analysis, writing, and discussion; with an emphasis placed on fiction, poetry, and dramas from a variety of genres and time periods. The texts used are challenging and mature and include sometimes controversial and mature material. Great emphasis is placed on the construction of style analysis for poetry and fiction. Students will become familiar with several modes of writing. As well as critical theory and philosophy. Students are expected to take the AP Exam in May.

**AP Language & Composition/CWU English 102
1.0 credit Grade 11**

This course follows the curricular requirements outlined by the College Board for the AP Language and Composition Course. It focuses on building skills necessary for college-level reading and writing. This includes extensive reading, rhetorical analysis, writing and discussion; with an emphasis placed on the expository, analytical, and argumentative writing forms. Students will learn close-reading and critical thinking skills, analyze how writers communicate effectively and apply these skills to their own writing. The course moves at a rapid pace and will center on non-fiction works by American writers. Students may take the AP Exam in May to qualify for college credit. Alternatively, this class is also offered as a Cornerstone Course through Central Washington University. Students can earn credit for Eng 101 (5 credits) and Eng 102 (5 credits).

Advanced Drama .5 credit Grades-10-12

Prerequisite: Successful completion of Beg. Drama for grades 10-11. No prerequisite for seniors. Currently not approved by NCAA. This class will not be offered in the 2019-2020 school year.

Advanced Drama is a course designed for students with a serious interest in dramatic arts, dramatic literature, and playwriting. In this course students will use writing workshop methods and their understanding of dramatic elements to complete a 10-page script. They will study the plays of two American playwrights and one play by Shakespeare, completing oral and written responses as assigned. They will develop acting, oral presentation, and collaboration skills with a monologue and dramatic ensemble work. Participation in a performance for a live audience is a class requirement. Students taking this course with disabilities will be accommodated to access the stage during school performances. **Seniors may take this class to satisfy .5 Senior English credit or .5 fine arts credit.**

Creative Writing .5 Credit Grades 10- 12

Students explore and write in a variety of creative forms: journals, memoir, short story, and poetry. The class uses writing workshop methods which means that sharing drafts with peers is a regular feature of our class. By the end of the course, students create a portfolio of best works and submit one best work for publication to our school newspaper and/or an online literary magazine designed for high school writers. **Class may be taken as an elective or to fulfill one semester of senior English.**

Heroes, Myths, and Legends

.5 credit **Grade 11-12**

Currently not approved by NCAA.

This course will introduce students to the most fundamental types of traditional stories: myth, legend and epic, with special attention to sources, interpretation and analysis. Content will be drawn from numerous world traditions, especially European myths and legends.

FINE, VISUAL AND PERFORMING ARTS

All Art courses fulfill the Fine Arts requirement

Fine or Visual Art

AP Studio Art/Drawing Portfolio

1 credit **Grades 10-12**

Prerequisite: Beginning Drawing. Teacher approval required. Fee: \$20 This course will run in alternating years with Beg. Painting. It will not be offered in the 2019-20 school year.

AP Studio Art is designed for students who are seriously interested in further exploring the experience of art. The Drawing Portfolio is intended to address a very broad interpretation of drawing issues and media. Line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. This is a one-year course. AP Studio Art is not based on a written exam; instead students submit portfolios to the AP College Board for evaluation at the end of the school year.

AP Studio Art/Drawing Portfolio

Independent Study

.5 credit **Grades 11-12**

Prerequisite: AP Studio Art/Drawing Portfolio
Fee: \$20 This course will not be offered in the 2019-20 school year.

This class is design for students that have taken AP Studio Art once and are looking to complete and submit their portfolio for AP Credit. Individual coursework design will be based upon the needs of your portfolio in both the Breadth and Sustained Investigation sections. This is a one semester course. AP Studio Art college credit is not based on a written exam; instead students submit portfolios to the AP College Board for evaluation at the end of the school year. If you take this during the fall semester you will need to submit in the spring quarter.

Beginning Ceramics

.5 credits **Grades 9-12**

Requirements: \$25 Materials Fee

Students will explore the world of ceramic art while gaining knowledge on various hand building and wheel throwing techniques. Students will create both functional pottery and artistic sculptural projects during this semester class. Emphasis will be placed on developing both aesthetic and criticism skills while viewing both work from your peers and from master artists from around the world.

Beginning Drawing **.5 credit** **Grades 9-12**

Students will create drawings utilizing processes such as sketching, rendering, contour, gesture, and perspective drawing using a variety of drawing tools. Additionally, students reflect upon the outcome of these experiences, explore historical connections, write about the process, make presentations about their progress at regular intervals, and explore post-secondary and career options related to drawing. Art museums, galleries, studios and community resources are utilized.

Beginning Painting **.5 credit** **Grades 9-12**

Prerequisite: Beginning Drawing, with a final semester grade of "C-" or higher. Fee: \$10

This course will be run alternating years with AP Studio Art. It will be offered in the 2019-20 school year. Curriculum includes the study of acrylic and watercolor painting techniques. Additionally, students reflect upon the outcome of these experiences, explore historical connections, write about the process, make presentations about their progress at regular intervals, and explore post-secondary and career options related to painting. Art museums, galleries, studios and community resources are utilized.

Digital Arts **.5 credit** **Grades 9-12**

Requirements: \$20 Materials Fee and a Digital Camera (preferably one that has the ability to be adjusted manually). If you do not have access to a digital camera, cameras can be checked out from school.

Students explore basic digital photography through a variety of assignments that focus on the technical and compositional elements of photography. Students will gain expertise in shooting, editing and the presentation of photographs. Students will become accustomed to both Photoshop and other photo editing software. Each student will be encouraged to generate imaginative and creative ideas and develop skills that reveal a solid foundation in photography.

Graphic Arts

Publishing 1.0 credit Grades 9-12

Prerequisite: Teacher approval required.

Students in this class are responsible for the production of the WOCOWA yearbook and *The Beavertonian* newspaper. Students will be taught journalistic, technology, and professionalism skills. Journalistic skills include brainstorming, researching stories, interviewing, writing, editing, proofreading, layout, basic photography, marketing, and budgeting. Technology skills include desktop publishing and layout. Professionalism skills include communication, leadership skills, time management, project management, and problem-solving techniques. Students should be self-motivated, able to meet deadlines, and have excellent attendance. After-school time is necessary for this class. In addition, leadership skills will be developed through a variety of activities including the opportunity to participate in FBLA (Future Business Leaders of America), a student leadership organization. **(This full-year class can earn .5 art credit and .5 occupational education credit.)**

Web Page Design 2 .5 credit Grades 9-12

Prerequisite: Web Page Design 1 with a final grade of C or higher.

Students will learn industry-standard web publishing software, including Macromedia Dreamweaver, Fireworks, and Flash. Class will be project oriented with significant responsibilities in planning, building, and publishing web pages. Students will develop a "live" web site for a semester project. Students will have an opportunity to participate and practice leadership skills in FBLA activities. In addition, leadership skills will be developed through a variety of activities including the opportunity to participate in FBLA, a student leadership organization. **This class may be taken to satisfy the fine arts requirement or occupational requirement.**

Performing Arts

Advanced Drama .5 credit Grades-10-12

Prerequisite: Successful completion of Beg. Drama for grades 10-11. No prerequisite for seniors. Currently not approved by NCAA. Will not be offered in the 2019-2020 school year.

Advanced Drama is a course designed for students with a serious interest in dramatic arts, dramatic literature, and playwriting. In this course students will use writing workshop methods and their understanding of dramatic elements to complete a 10-page script. They will study the plays of two American playwrights and one play by Shakespeare, completing oral and written responses as assigned. They will develop acting, oral presentation, and collaboration skills with a monologue and dramatic ensemble work. Participation in a performance for a live audience is a class requirement. Students taking this course with disabilities will be accommodated to access the stage during school performances.

Seniors may take this class to satisfy .5 Senior English credit or .5 fine arts credit.

Beginning Drama/Theater .5 credit Grades 9-12

Prerequisite: Students may repeat Beginning Drama with the permission of the teacher.

This course is an introduction to the craft and theory of drama and performance. Students will learn basic skills in voice, movement, and acting. They will read and analyze classic and contemporary plays/scenes, participate in theater games, and deliver monologues. Students will work with classmates to create and perform dramatic works for a live audience. Students taking this course with disabilities will be accommodated to access the stage during school performances.

Vocal Music

Concert Choir .5 or 1.0 credit Grades 9-12

This class is designed for any and all vocalists. All singers are welcome, as well as those wanting to learn to sing. Basics of vocal production, ear training, and performing with a group are the focus of the class. Basic sight reading and music theory are also covered. Students taking this course with disabilities will be accommodated to access the stage during school performances.

Jazz Choir 1.0 credit Grades 9-12

Prerequisite: Limited enrollment, by audition only. Underclassmen (9-10) are required to be simultaneously enrolled in Concert Choir. Zero period class 7:15-8:20 a.m. Tuesday through Friday. Students must provide own transportation. \$25 Fee.

Jazz Choir is an auditioned, mixed ensemble that focuses on jazz and swing style literature from various selected eras of musical history. The primary focus of this class is on performance. Students will be required to attend all performances scheduled by the director including after school. Committing to the group is committing to making the performances a priority! Performance attire is required. Auditions will be held near the end of the school year, generally after the final choral concert. Students taking this course with disabilities will be accommodated to access the stage during school performances.

Instrumental Music

Beaver Band .5 or 1.0 credit Grades: 9-12

Prerequisite: Previous experience performing and reading musical and rhythmic notation. See director for more details.

This class is open to students with an instrumental background and focuses on the development of instrumental music skills, musical performance, and comprehension of music theory. The class will include rehearsal and performance of music within the various genres contained in both Classical and Pop forms. Students with disabilities or modified education will be accommodated accordingly to allow participation in this class.

Beginning Guitar 1.0 credit Grades 9-12
Prerequisite: Students provide their own guitar.
This class is for beginners only

This class focuses on basic guitar techniques (reading music, single melody lines, power chords, open chords, bar chords, scales, pick control and finger picking). Content also includes sight reading, note writing, and in class performance. Students taking this course with disabilities will be accommodated to access the stage during school performances.

Jazz Ensemble 1.0 credit Grades: 9-12
Prerequisite: Limited enrollment. Auditions will take place late in May of the previous academic year. Students enrolled in this class will be expected to commit to the ensemble for a full year. Students provide their own transportation. This is a zero period class 7:00-7:45 a.m. Tuesday through Friday. Student must be enrolled for the full year to earn the .5 credit. No credit will be earned at the end of Semester 1. Fee: \$25

This course focuses on a variety of jazz styles and may include swing, Dixieland, Funk, Latin, and Fusion. There is an emphasis on theory as it relates to jazz and improvisation and includes various opportunities for performance. Students with disabilities or modified education will be accommodated accordingly to allow participation in this class.

Percussion Ensemble 1.0 credit Grades 9-12
Students participating in percussion ensemble will learn to read rhythmic and musical notation, which will enable them to perform on various mallet and percussion instruments with precision. We will incorporate techniques for marching percussion, drum set, classical percussion, and unconventional/ "found" percussion in order to provide a deep and varied education within this area of performance. The percussion ensemble will perform at assemblies, athletic events, and concerts.

HEALTH & FITNESS

All students at Woodland High School will be required to take four semesters of health and fitness education. The physical education department believes that physical fitness is the major focus and goal of our program. A portion of each class period will be spent working to gain knowledge of and improve upon the five health-related components of fitness: Cardiovascular endurance, muscular endurance, muscular strength, flexibility, and body composition. All activity classes will continue to build on this information in an effort to improve fitness, reduce stress and develop recreational skills. A basic understanding of safety, rules and history of various activities will be required for all physical education classes. Weight equipment may be moved to accommodate students with disabilities.

Athletes in Action .5 credit Grades 9-12
Prerequisite: Approval by Coach or Athletic Director

This course is offered to athletes that are involved in an extracurricular spring sport. The class is only offered during 6th Period, 2nd semester. They will be provided credit for missed days, because of their sport. This class will focus on team building, sports conditioning (including cardio endurance, plyometrics, cross fit training) and in-season strength conditioning. This class is for individuals wishing to work hard.

Fitness 9 .5 credit Grade 9

An activity oriented class stressing basic fundamentals of conditioning and physical fitness. Instruction includes team sports, recreational and lifetime activities. Students learn the five components of fitness: muscle strength, muscle endurance, flexibility, cardiovascular endurance, and body composition. They will be tested with the Beaver Conditioning Power Rating which is similar to the President's Challenge Fitness Test to measure gains in these areas of fitness such as push-ups. Students will be encouraged to be their best and strive to improve their conditioning everyday to become a healthier individual.

Health .5 credit Grade 9

The intent of this health class is to help students make independent informed decisions concerning their physical, mental, and social well-being. Current health issues involving tobacco, alcohol, drug abuse, heart disease, eating disorders, stress management, teen pregnancy, HIV and other infectious diseases will be covered. Students will complete at least one state required Curriculum Based Assessment (CBA) and a Freshman Presentation over a health topic of their choice. Students will learn the basics of a speech outline and complete a presentation that will be 4 minutes in length. **Successful completion of both Medical Science 1 and 2 can count as .5 Health and .5 Science credit. Successful completion of Early Childhood Education can count as .5 Health and .5 CTE credit.**

Indoor Cycle Class – "Ride like the wind" .5 or 1.0 credit Grades 9-12

A high energy workout that is sure to be a great addition to your day. Whether you are a beginner or a skilled athlete, this class will provide a safe and effective training environment for all fitness levels. You will cruise flats, summit mountains, pass competitors and have fun cycling with a group. This class benefits your cardiovascular fitness, muscular strength, and muscular endurance. The days we are not riding, we will focus on resistance training, toning, flexibility, nutrition and stress reduction. Individual assessments will be taken, as well as a series of self-tests. **Join us and ride like the wind!**

Medical Science 1 .5 credit Grades 9-12

This is a lab science course. This class may be counted as a lab science course or for occupational education (CTE) credit.

Explore the exciting world of medical careers. Students interested in medicine and the human body will enjoy this course immensely. This hands-on course provides experience in the basic skills and knowledge required of many health occupations such as: physical therapist, registered nurse, athletic trainer, physician, emergency medical technician and other related professions. The course includes: medical career exploration, anatomy and physiology, legal issues, medical ethics, patient evaluation and care, human growth and development, medical terminology, and professionalism. Leadership and 21st century skill development will be incorporated throughout the class. Students who complete Medical Science 1 and 2 and Human Anatomy & Physiology 1 and 2 with a "B" or better may earn up to 6 Clark College credits. **Successful completion of both Medical Science 1 and 2 can count as .5 Health and .5 Science credit.**

Medical Science 2 .5 credit Grades 9-12

Prerequisites: Medical Science 1 This is a lab science course. This class may be counted as a lab science course or for occupational education (CTE) credit.

Fee: Cost of CPR/First Aid Card (optional)

This advanced course is designed for the student who wants to expand their knowledge and skills related to medical science and explore potential career paths in the medical field. Topics that will be covered include: human anatomy, First Aid/CPR for Health Provider Certification, physiology, patient evaluation, patient monitoring and interaction, nutrition, disease and illness, and employability skills. Students will be engaged in dissection, lab testing, microscope use, medical research, and in-depth study of the human body. Leadership and 21st century skill development will be incorporated throughout the class. Students who complete Medical Science 1 and 2 and Human Anatomy & Physiology 1 and 2 with a "B" or better may earn up to 6 Clark College credits. **Successful completion of both Medical Science 1 and 2 can count as .5 Health and .5 Science credit.**

Personal Fitness .5 or 1.0 credit Grades 9-12

Interested in improving your cardiovascular endurance and building strength? This class is geared to all fitness levels. The class format is a fresh fusion of all forms of fitness activities. It will include high intensity interval training, indoor cycling, weight room, body weight strength training, toning, flexibility, nutrition, stress reduction, team activities and more. Individual assessments will be taken, as well as a series of self-tests. **A guaranteed fabulous fitness experience!**

Sports Conditioning .5 or 1.0 credit Grades 9-12

This course incorporates a wide range of activities that students can use throughout their lives. The focus is to incorporate the five components of fitness (muscle strength, muscle endurance, cardiovascular endurance, flexibility, and body composition) into a daily routine which improves the overall fitness of the student. Students will be involved in the weight room twice a week, a core workout or cardio workout one day a week and be involved in sports activities that promote competition and good sportsmanship as well as fitness. Students will learn how to work together in a team and learn the values of working in a team setting which will carry over to real life situations.

Strength and Conditioning

.5 or 1.0 credit Grades 9-12

Students will choose between two strength programs. One is directed toward overall, lifetime fitness. The other is the core lift program used in Athletic Strength and Conditioning classes, directed toward fitness and athletic performance. Students will lift in the weight room four days a week and participate in cardiovascular workouts and games outside the weight room on their non lifting day. All lifting workouts will be recorded, in writing, on individual cards. Individual assessments will be taken, as well as a series of self-tests, commonly known as the Beaver Conditioning Power Rating for a physical education portfolio.

Women's Strength & Conditioning

.5 or 1.0 credit Grades 9-12

Experience the weight room in a non-intimidating atmosphere. Designed for women, you will learn the basics and healthy benefits of weight training. This class will show you how to lift weights properly and provide an understanding as to why adding strength training to your exercise routine will benefit you. The days we are not in the weight room, we will focus on cardiovascular fitness, toning, flexibility, nutrition and stress reduction. Individual assessments will be taken, as well as a series of self-tests.

PE Waiver No Credit Grades 9-12

Students who participate in a Woodland High School extra-curricular athletic program may qualify for a physical education waiver. In order to obtain the PE Waiver, you will need to fill out an application. You will also not be able to be a Teacher or Office Assistant, have an open period in your schedule, or have failed a previous high school physical education class. **Pick up an application from the Athletic Director.**

MATH

Algebra 1

1.0 credit **Grades 9-12**

Materials needed: Scientific Calculator, notebook

Topics Covered: Algebra/Number Theory, Linear Equations/Functions, Systems of Equations, Inequalities, Exponents/Radical Functions, Polynomials, and Quadratic Equations.

Algebra 2 **1.0 credit** **Grades 9-12**

Prerequisite: Geometry/Transitional Math &/or teacher approval

Materials needed: Scientific calculator, graph paper,

Topics covered: Linear Algebra, Linear Systems, Quadratic Functions/Equations, Polynomial Functions, Rational Equations/Exponents, Exponential/Logarithmic Functions.. **This is a 3rd year Math Entrance Requirement for 4 year colleges or universities.**

AP Calculus **1.0 credit** **Grades 9-12**

Prerequisite: Pre-Calculus and/or teacher approval.

Materials needed: Graphing Calculator

Semester 1: Introduction to the theory, techniques, and applications of differentiation of elementary functions.

Sem 2: Introduction to the interpretations, techniques, and applications of integration.

Students enrolled in this course will have the option to receive college credit from Central Washington University. It is possible that students will not have to pay for these credits and if that option is available and you are a senior, you will NOT be allowed to also take the early out or late start option next year. Students may also take and pass the AP Calculus exam to earn college credit for this course.

Applied Math **1.0 credit** **Grades 11-12**

Prerequisite: Successful completion of Algebra and Geometry or Seniors concurrently enrolled in Geometry or teacher approval.

Design and build projects that apply concepts learned in algebra and geometry, including how GPS works to map the earth. Learn about electrical wiring and manufacturing and create manned and unmanned aircraft. This course may be taken to satisfy the 3rd year of math state graduation requirements. This course does not meet 3rd year Math Entrance requirements for 4 year colleges and universities.

Financial Fitness **.5 or 1.0 credit** **Grades 10-12**

Prerequisite: Geometry and successful passage of State Math requirement.

Materials needed: Scientific calculator

Topics covered: Budgeting, Financial Institutions, the Stock Market (stocks/bonds/mutual funds), Consumer Rights, and Individual Tax Preparation. A business course giving the foundations of personal financial responsibility and independence. Leadership skills will be developed through a variety

of activities including the opportunity to participate in FBLA. **This course may be taken to satisfy the 3rd year of math state graduation requirements. This course does not meet 3rd year Math Entrance requirement for 4 year colleges and universities.**

Geometry **1.0 credit** **Grades 9-12**

Prerequisite: Algebra 1

Materials needed: Scientific calculator, compass, protractor, ruler and graph paper.

Topics Covered: Rigid Transformations, Parallel/Perpendicular Lines, Logic & Proof, Right Triangles, Similarity, Quadrilaterals, Coordinate Geometry, 3D Measurement, Circles, Probability.

Pre-Calculus **1.0 credit** **Grades 9-12**

Prerequisite: Algebra 2 and/or teacher approval.

Materials Needed: Graphing calculator.

Topics covered: Numerical, graphical, and algebraic approaches will be used to explore Algebra 2 concepts more in-depth along with an emphasis on trigonometry. Designed to prepare students for college-level mathematics. This is an intensive course where students will develop conceptual understanding as well as computational skills essential to the study of Calculus.

Students enrolled in this course will have the option to receive college credit from Central Washington University. It is possible that students will not have to pay for these credits and if that option is available and you are a senior, you will NOT be allowed to also take the early out or late start option next year.

Transitional Math

1.0 Math credit **Grades 10-12**

Prerequisite: Geometry

Materials Needed: Scientific calculator, notebook.

A remediation of previously learned content, along with the exploration of Algebra/Geometry topics at a more in-depth level. This course is designed to better prepare students for advancement to Algebra 2. **This course may be taken to satisfy the 3rd year of math state graduation requirements. This course does not meet 3rd year Math Entrance requirement for 4 year colleges and universities.**

**OCCUPATIONAL EDUCATION
CAREER AND TECHNICAL EDUCATION**

Agriculture/Manufacturing

**Advanced Metal Fabrication Technology
.5 or 1.0 credit Grades 9-12**

Prerequisite: Beginning Metal Fee: \$10

This is a continuation of beginning metal which will give the students the opportunity to develop skills desired for the workplace. Individual project construction is required. CAD will be included in the technology phase. Mill and Lathe work, advanced automotive, and various welding techniques may also be covered.

**Automotive Maintenance
.5 or 1.0 credit Grades 9-12
Fee: \$10**

In this class students will learn the ins and outs of the automobile. They will learn about buying a vehicle and expenses related to car ownership, how to check and replace fluids, check and repair steering, brakes, wheels and tires, engine, drivetrain, electrical system, ignition system, heating and cooling system, and fuel system. If you have or are going to have a car/truck then this is the class for you.

**Horticulture 1
.5 credit Grades 9-12
Fee: \$5**

Plants provide many practical and recreational benefits, whether it is the food we eat, the parks we enjoy, or the gardens we admire. Horticulture is geared toward students who want to learn about plants and their many uses. This is a "hands-on" class that will provide a strong foundation in growing plants, plant identification, plant propagation, soils, fertilizers, and landscape design. The student will also grow and sell the plants for our annual plant sale. Students will find themselves prepared for a variety of jobs.

**Horticulture 2
.5 credit Grades 10-12
Prerequisite: Beginning Horticultural Science
Fee: \$5**

This is a "hands-on" class for the student who wishes to continue their study of horticulture. Advanced topics include: landscape design, plant science, pest management, container and vegetable gardening and greenhouse crop production. Students will also grow and sell the plants for our annual plant sale. Students will find themselves prepared for a variety of careers, such as: garden centers, nurseries, greenhouse growers or higher education in the field of horticulture.

**Beginning Metal Fabrication Technology
.5 credit Grades 9-12
Fee: \$10**

Students will learn how to use the ARC, MIG, and TIG welders as well as oxyacetylene welding, soldering, and cutting, and Plasma cutting. Students will also learn how to use power and hand tools. Students are introduced to technology by the use of computers and CAD drawing. General shop safety and knowledge that can be used at home or on the job is part of this class.

**Floral Design 1 .5 credit Grades 9-12
Fee: \$10**

In this introductory class students will explore the concepts of art through retail floriculture. Students will design and create floral products such as corsages, boutonnieres, and holiday products to industry standard based on the principles and elements of design. Students will gain knowledge and skills in flower identification and classification, care and handling of fresh materials, and the procedures and tools used in the retail industry. The course will also include information on sales and service, career opportunities, leadership activities, computer skills and record keeping practices related to the floral industry.

**Floral Design 2 .5 credit Grades 9-12
Prerequisite: Floral Design 1
Fee: \$10**

Students will expand the art and floral design knowledge they obtained in Floral 1 to include more advanced skills. Students will be responsible for researching current industry trends, designing, and constructing weekly arrangements based on the principles and elements of art while utilizing a variety of styles and techniques. Students will complete the course with a portfolio of work that demonstrate entry level skills that can be used for potential employment opportunities. Class emphasis is placed on hands-on and professional skills including special event planning and specialty arrangements (wedding design, funerary, etc.). Leadership activities, sales and service aspects, and opportunities to work in the school Floral Shop are available.

**Floral Shop Management 1
.5 credit Grades 10-12
Prerequisite: Floral Design 2
Fee: \$10**

Students are responsible for the operation and management of the WHS Floral Shop. Emphasized skills include: customer service, taking and completing orders, money-handling, wholesale and retail cost evaluation, marketing and social media, advanced design, inventory, care and handling of flowers, and shop maintenance. Class intention is to ready students for real-world job placement; therefore, reliability, work ethic, self-discipline, leadership, and teamwork are expected and highlighted.

Floral Shop Management 2
.5 credit **Grades 10-12**
Prerequisite: Floral Shop Management 1
Fee: \$10

Floral Management 2 students will continue their responsibilities in the operation and management of the WHS Floral Shop as well as act as mentors in guiding and modeling proper professional and design skills to Floral 1 and 2 students. Students are taught how to take an active leadership role in the school Floral Shop practicing and reinforcing the customer service, industry, and design skills learned in Floral Management 1. Participation in available work-site learning opportunities is encouraged. Students will complete Floral Shop Management 2 with a professional-level Portfolio of Work, including a current resume, cover letter, as well as competent interview skills.

Maritime Trades .5 or 1.0 credit **Grades 9-12**
Fee: \$10

If you want to learn about boats, outboards, stern drives, in-boards, jet-drives, diesel engines, electrical systems, pneumatics and hydraulics, fabrication, and fiberglass and gel coat then this is the class for you. This class will use a laboratory (hands on) environment to gain knowledge and skills to work on and repair fiberglass and aluminum boats, marine engines, and drive systems. We will learn basic and periodic maintenance along with basic troubleshooting of engines and electrical systems.

Biomedical Sciences

AP Biology **1.0 credit** **Grades 11-12**
Prerequisite: "A" in regular Biology or a "B" or better in Honors Biology and completion or concurrent enrollment in Chemistry. Summer assignment is required. This course will run in alternating years with Human Anatomy and Physiology. It will be offered in the 2019-20 school year. This class may be counted as a lab science course or for occupational education (CTE) credit. Students will be able to earn lab science in the major college credit through Lower Columbia College upon successful completion of this class. Fees will apply.

Advanced Placement Biology is designed to be equivalent to a two semester college introductory biology course. The class is conducted at the college level and students are expected to work accordingly. AP Biology differs significantly from a traditional high school biology course due to text content, depth of material covered, lab work, and time and effort required to achieve mastery in subject area. This course is designed to be taken by students after successful completion of high school biology. Students will have the opportunity to take the AP Biology exam to earn college credit at the end of the year.

Human Anatomy and Physiology and Human Disease
1.0 credit **Grades 11-12**

Prerequisite: Students must have completed biology with an "A" or honors biology with a "B" or better. This course is run alternating years with AP Biology. It will not be offered in the 2019-20 school year. Credit will be offered through Tech Prep for this class through LCC and Clark College. This class may be counted as a lab science course or for occupational education (CTE) credit.

Anatomy and Physiology is the study of the structural complexity of the human body and its intricate functional mechanisms. The area of study will include organization of the body, cells and tissues, and systems to include integumentary, skeletal, muscular, nervous, endocrine, blood, circulatory, lymphatic and immune, respiratory, digestive, metabolism, urinary, and reproductive. Each unit will place particular emphasis on the human diseases affecting that system.

Medical Science 1 .5 credit **Grades 10-12**
This is a lab science course. This class may be counted as a lab science course or for occupational education (CTE) credit.

Explore the exciting world of medical careers. Students interested in medicine and the human body will enjoy this course immensely. This hands-on course provides experience in the basic skills and knowledge required of many health occupations such as: physical therapist, registered nurse, athletic trainer, physician, emergency medical technician and other related medical professions. The course includes: medical career exploration, anatomy and physiology, legal issues, medical ethics, patient evaluation and care, human growth and development, medical terminology, and professionalism. Leadership and 21st century skill development will be incorporated throughout the class. Students who complete Medical Science 1 and 2 and Human Anatomy & Physiology 1 and 2 with a "B" or better may earn up to 6 Clark College credits. **Successful completion of both Medical Science 1 and 2 can count as .5 Health and .5 Science credit.**

Medical Science 2 .5 credit **Grades 10-12**
Prerequisites: Medical Science 1 This is a lab science course. This class may be counted as a lab science course or for occupational education (CTE) credit.

Fee: Cost of CPR/First Aid Card (optional)
This advanced course is designed for the student who wants to expand their knowledge and skills related to medical science and explore potential career paths in the medical field. Topics that will be covered include: human anatomy, First Aid/CPR for Health Provider Certification, physiology, patient evaluation, patient monitoring and interaction, nutrition, disease and illness, and employability skills. Students will be engaged in dissection, lab testing, microscope use, medical research, and in-depth study of the human body. Leadership and

21st century skill development will be incorporated throughout the class. Students who complete Medical Science 1 and 2 and Human Anatomy & Physiology 1 and 2 with a "B" or better may earn up to 6 Clark College credits. **Successful completion of both Medical Science 1 and 2 can count as .5 Health and .5 Science credit.**

Business/Marketing Classes

Certificates of Completion & Proficiency

Those students who complete at least four business classes (2 credits) successfully ("C" or better) are entitled to receive a Certificate of Proficiency. The purpose of these certificates is to provide an official record of business classes taken and grades earned to prospective employers. Students may wish to include a certificate with their resume when applying for a job.

AP Computer Science 1.0 credit Grades 10-12

Prerequisite: C or better in Intro to Computer Science or a junior or senior with successful completion of Advanced Algebra. This course will not be offered in the 2019-20 school year.

In this course students will learn to do some basic programming using Java. The course will be taught using a co-teach model under the TEAMS partnership. The curriculum is based on and aligned with Professor Stuart Reges' course at the University of Washington, CSE 142. This course uses the textbook *Building Java Programs: A Back to Basics Approach*, by Stuart Reges and Marty Stepp. The course is aligned with the AP Computer Science A standards.

Career Choices .5 credit Grades 11-12

This course will give students the opportunity to develop skills that employers look for in a quality employee. In addition, students will spend time through job shadows, virtual internships getting real-world industry experience. This course will be a partnership between our school and Partners in Careers to connect our students with the necessary workforce skills to be successful – regardless of the career pathway they choose.

Computer Applications .5 or 1.0 credit Grades 9-12

A course for anyone wanting to learn more about Microsoft Office applications. Applications covered include: Microsoft Word (word processing), Microsoft Excel (spreadsheets), Microsoft PowerPoint (presentations), and Microsoft Access (databases). Earn Microsoft industry standard certification. Also earn college credits for the class and for each certification earned. In addition, leadership skills will be developed through a variety of activities including the opportunity to participate in FBLA, a student leadership organization. See page 13 for information on obtaining college credits.

Entrepreneurship

1.0 credit Grades 10-12

Prerequisite: Marketing

This class will take you through a step-by-step process of owning your own business. You will simulate business ownership, determine who your customers are, learn how to market your business, obtain financing, manage your employees, and more. You will be able to put together a business plan and will create a complete business plan by the end of the class. Students that earn a B or better can receive college credits. In addition, leadership skills will be developed through a variety of activities including the opportunity to participate in FBLA, a student leadership organization.

Financial Fitness .5 or 1.0 credit Grades 10-12

Prerequisite: Geometry and successful passage of State Math requirement.

Materials needed: Scientific calculator

Topics covered: Budgeting, Financial Institutions, the Stock Market (stocks/bonds/mutual funds), Consumer Rights, and Individual Tax Preparation. A business course giving the foundations of personal financial responsibility and independence. Leadership skills will be developed through a variety of activities including the opportunity to participate in FBLA. **This course may be taken to satisfy the 3rd year of math state graduation requirements. This course does not meet 3rd year Math Entrance requirement for 4 year colleges and universities.**

Intro to Computer Science .5 credit Grades 9-12

This is an introductory level computer science course in which students will explore a variety of computational thinking and programming concepts. Students will work through project-based content with each unit culminating in a comprehensive project. (i.e. Pong, Hangman, Space Invaders)

Marketing .5 or 1.0 credit Grades 9-12

This class focuses on the marketing aspects of business. You will learn about the various marketing functions, such as selling, promotion, pricing, and purchasing. Participation in class activities, such as role-plays and presentations will help you develop your marketing skills. Major projects include designing visual displays, market research, and an advertising campaign. Students will get hands-on experience by working in the student store. In addition, leadership skills will be developed through a variety of activities including the opportunity to participate in FBLA, a student leadership organization.

Office Skills and Communication

.5 or 1.0 credit **Grades 9-12**

Prerequisite: Students cannot miss more than 7 days of school the previous semester. Student needs a minimum cumulative GPA of 2.5 and have no discipline referrals or out of school suspensions. Students are placed in this class through an application process. Pick up application in the high school office. Needs to be turned in prior to deadline to turn in your forecast form so if student receives approval for this class they have time to get the forecast form signed.

Students learn and develop skills desired in a work/office setting. Students will learn communication skills through the use of effective language and style, both verbal and written, problem solving, interpersonal and team skills and the ability to understand and use computers, in-house telephone system, and fax machine. Students will be expected to conduct themselves in a professional manner while performing their office duties and maintain an order of confidentiality in the handling of all office information. Students will learn to use listening and observation skills to gain understanding in working with others; to communicate ideas clearly and effectively; to use communication strategies and skills to work effectively with others; to analyze and evaluate the effectiveness of formal and informal communication.

Publishing .5 or 1.0 credit Grades 9-12

Prerequisite: Teacher approval required.

Students in this class are responsible for the production of the WOCOWA yearbook and *The Beavertonian* newspaper. Students will be taught journalistic, technology, and professionalism skills. Journalistic skills include brainstorming, researching stories, interviewing, writing, editing, proofreading, layout, basic photography, marketing, and budgeting. Technology skills include desktop publishing and layout. Professionalism skills include communication, leadership skills, time management, project management, and problem-solving techniques. Students should be self-motivated, able to meet deadlines, and have excellent attendance. After-school time is necessary for this class. In addition, leadership skills will be developed through a variety of activities including the opportunity to participate in FBLA (Future Business Leaders of America), a student leadership organization. ***This class may be taken to partially satisfy the fine, visual or performing arts requirement.***

Retail Operations .5 or 1.0 credit Grades 10-12

Prerequisite: Successful completion ("C-" or better) of Marketing. Teacher approval required.

This course offers you the opportunity to learn the marketing and customer service skills needed in the fast paced world of retailing. You will operate the student store in order to have a hands-on understanding of concepts such as: marketing, economics, information management, risk management, distribution, inventory control, and buying and pricing. This experience will also increase your business skills and chances of

employment. In addition, leadership skills will be developed through a variety of activities including the opportunity to participate in FBLA, a student leadership organization.

Web Page Design 1

.5 credit **Grades 9-12**

This web design course teaches how to plan, organize, and create a web site from start to finish. Learn XHTML and CSS to create advanced web pages. Students will learn how to maintain a web site on the Internet. Image editing will also be covered. Students will learn how to make images web-ready. At the completion of this course, student will have created a well-designed, on-line web site. Students that earn a B or better will earn college credits. In addition, leadership skills will be developed through a variety of activities including the opportunity to participate in FBLA, a student leadership organization.

Web Page Design 2 .5 credit Grades 9-12

Prerequisite: Successful completion of Web Page Design 1 with a C or higher.

Students will learn industry-standard web publishing software, including Macromedia Dreamweaver, Fireworks, and Flash. Class will be project oriented with significant responsibilities in planning, building, and publishing web pages. Students will develop a "live" web site for a semester project. Students will have an opportunity to participate and practice leadership skills in FBLA activities. In addition, leadership skills will be developed through a variety of activities including the opportunity to participate in FBLA, a student leadership organization. ***This class may be taken to partially satisfy the fine, visual or performing arts requirement or the occupational requirement.***

Family and Consumer Sciences

Creative Chef 1.0 credit Grades 9-12

Class Fee: \$20

Do you like to cook? Would you like to prepare and serve meals? How about competing in cooking competitions? If so, this is the class for you! Explore career opportunities and training options in the culinary arts arena. Have fun preparing and serving formal dinners and buffet meals in the expanding culinary options for this class. Plan, prepare and create recipes based on taste, nutritional composition, and final presentation. Learn to decorate cakes and cater. Develop skills in product selection, food safety, and kitchen technology. Discover how science concepts are used to ensure successful results. Experience teamwork, leadership, and organizational effectiveness while learning formal etiquette and having fun. Students may enter at semester time with instructor approval. Students may repeat this course for more advanced learning. Students can be enrolled in Skills USA for their Leadership Component and will be eligible for cooking and leadership competitions.

Early Childhood Education

1.0 credit (.5 Health credit) Grades 9-12

Student can earn 15 college credits from Lower Columbia College with a "B" or better.

Do you enjoy working with children, thinking about a career in education?

Year-long class. Explore the stages of child development from conception to eight years of age. Enjoy practicums with children as you learn to identify, categorize and expand early learning through intelligent play. Nutritional needs and human sexuality are also covered. Requires a high level of team work, self-motivation and professionalism. Individuals with a history of inappropriate interactions with children are not eligible. If working at a licensed day care, the student may be required to complete a criminal history check and TB test. Students can be enrolled in Skills USA for their Leadership Component and will be eligible for early childhood teacher and leadership competitions. **(If you earn 1.0 credit in this class you can use it as .5 to meet your Health requirement and .5 Occupational credit.)**

Ethnic Cooking 1.0 Credit Grades 9-12
Class Fee \$20.

Are you a Foodie? Like to try foods from different countries? Want to wow that special someone by cooking them a meal?

This class will not be offered in the 2019-20 school year.

Learn about traditional foods of different countries. We will study and use herbs and spices that are unique to each region. The history of the foods and health benefits along with the preparation, presentation and etiquette of each will also be stressed. Thai, Italian, Japanese, East Indian, Mexican and German foods are just some of the areas we will study and enjoy. Emphasis will be placed on teamwork, leadership and culinary skills. Students may enter at semester time with instructor approval. Students can be enrolled in Skills USA for their Leadership Component and will be eligible for cooking and leadership competitions.

Independent Living 1.0 credit Grades 10-12
Fee: \$15.00 class fee and Food Handler's Card.

This class is run alternating years and will be offered in the 2019-20 school year.

Are you prepared to live on your own? This course will help you learn how to buy or rent a home, prepare meals, plan for your future, pay bills and be independent...come get ready to move out before you are 30!

Cascadia Tech Classes

For additional information on any of the following classes, see Page 10 or stop by the Counseling Office and pick up a brochure and application.

Administrative Office Professional
Applied Medical Sciences
Automotive Technology
Aviation Technology
Construction Technology
Cosmetology
Criminal Justice
Dental Assisting
Diesel Technology
Fashion Design
Fire Cadet Program
Hospitality and Tourism
Information Technology Systems, Service & Support
Pre-Engineering Design Tech
Restaurant Management/Culinary Arts

SCIENCE

AP Biology 1.0 credit Grades 11-12

Prerequisite: "A" in regular Biology or a "B" or better in Honors Pre-AP Biology and completion or concurrent enrollment in Chemistry. A summer assignment is required. This course will run in alternating years with Human Anatomy and Physiology. It will be offered in the 2019-20 school year. Teacher approval required. This class may be counted as a lab science course or for occupational education (CTE) credit. Students will be able to earn lab science in the major college credit through Lower Columbia College upon successful completion of this class. Fees will apply.

Advanced Placement Biology is designed to be equivalent to a two semester college introductory biology course. The class is conducted at the college level and students are expected to work accordingly. AP Biology differs significantly from a traditional high school biology course due to text content, depth of material covered, lab work, and time and effort required to achieve mastery in subject area. This course is designed to be taken by students after successful completion of high school biology. Students will have the opportunity to take the AP Biology exam to earn college credit at the end of the year.

AP Chemistry **1.0 credit** **Grades 11- 12**

Prerequisite: Teacher approval required. Fee: \$8

This is an Algebra based lab science course.

Advanced Placement Chemistry is designed to prepare the student to take the Advanced Placement Chemistry Exam in the spring. This is a senior honors class. The course will deal with all aspects of chemistry normally covered in a first year college setting. Scientific calculator and spiral notebook required.

Astronomy-Universe and Stars

.5 credit **Grades 9-12**

Prerequisite: Incoming freshmen need their current science teacher's signature. This is a lab science course.

Topics covered include the size of the universe, the history of Astronomy, how to identify constellations in the night sky, the moon and Earth system, seasons, tides, eclipses, and the life cycle of stars. Learn how to build your very own working telescope!

Astronomy-Planetary Studies

.5 credit **Grades 9-12**

Prerequisite: Incoming freshmen need their current science teacher's signature. This is a lab science course.

Topics covered include the formation of the solar system, planets and their moons, space travel, space exploration, the search for alien life, black-holes and time travel.

Horticulture 1

.5 credit **Grades 9-12**

Fee: \$5

Plants provide many practical and recreational benefits, whether it is the food we eat, the parks we enjoy, or the gardens we admire. Horticulture is geared toward students who want to learn about plants and their many uses. This is a "hands-on" class that will provide a strong foundation in growing plants, plant identification, plant propagation, soils, fertilizers, and landscape design. The student will also grow and sell the plants for our annual plant sale. Students will find themselves prepared for a variety of jobs.

Horticulture 2

.5 credit **Grades 10-12**

Prerequisite: Beginning Horticultural Science
Fee: \$5

This is a "hands-on" class for the student who wishes to continue their study of horticulture. Advanced topics include: landscape design, plant science, pest management, container and vegetable gardening and greenhouse crop production. Students will also grow and sell the plants for our annual plant sale. Students will find themselves prepared for a variety of careers, such as: garden centers, nurseries, greenhouse growers or higher education in the field of horticulture.

Biology **1.0 credit** **Grade 10**

This is a lab science course and is a required class for sophomores.

Biology is the study of life. This course presents the learner with basic knowledge, tools, and techniques of biology. The course will focus on simple biochemistry of life, cell parts and processes, genetics and DNA with reinforcing laboratory activities and special projects. Composition notebook required.

Chemistry **1.0 credit** **Grades 10-12**

Prerequisite: Teacher approval required. A or B grade in current math class. Fee: \$8 **This is an Algebra based lab science course.**

Chemistry is the study of the composition of substances, the ways in which their properties are related to their composition, and the interaction of these substances with one another to produce new materials. This class is designed to improve the problem-solving skills and critical thought processes of college-bound students. Non-programmable, non-graphing scientific calculator and spiral notebook required. **This is a required course for students planning to apply for admission to a 4-year Washington state public college or university.**

General Science **1.0 credit** **Grade 9**

This is a lab science course and is a required class for freshmen.

This course is designed to provide students with a common background in science concepts, tools and measurement. Students will develop critical thinking skills, writing, and organizational skills through an in depth conceptual approach to chemistry, physics, earth science, and astronomy. Student outcomes include a broad view of science and a firm grounding in scientific processes, concepts and applications. Successful students will be prepared for more advanced science topics.

Geology **1.0 credit** **Grades 10-12**

Prerequisite: Successful completion of General Science. This is a lab science course. This course will be run alternating years with Marine Science. Not be offered in 2019-20 school year.

Geology is the study of the earth. It is the study of such things as the transfer of energy in the earth's atmosphere; the evolution of land forms, patterns of change that cause weathering, and the interactions that occur among the water, atmosphere and land. The topics covered in first semester will be mineral and rock identification, plate tectonics, volcanoes, earthquakes, and geologic time. Second semester topics will be geologic formations, weathering and deposition, and climate and weather patterns.

Honors/Pre-AP Biology

1.0 credit **Grade 10**

Prerequisite: Teacher approval required.

This is a lab science course.

This course is designed to prepare students for AP Biology or to prepare students for further study in biological/medical sciences in college. Topics covered in this course will include: ecology, cell structure and function, genetics, biotechnology and ethics, evolution, taxonomy and classification, energy transfer, and plant and animal systems. This course extends and deepens the topics covered in general Biology and includes a strong emphasis on field and laboratory investigations and research projects in preparation for AP Biology.

Human Anatomy and Physiology

1.0 credit **Grades 11-12**

Prerequisite: Students must have completed Biology with an "A" or Honors Biology with a "B" or better. This course will be run alternating years with AP Biology. It will not be offered in the 2019-20 school year. This class may be counted as a lab science course or for occupational education (CTE) credit. See page 13 for information on obtaining college credits.

Anatomy and Physiology is the study of the structural complexity of the human body and its intricate functional mechanisms. The area of study will include organization of the body, cells and tissues, and systems to include integumentary, skeletal, muscular, nervous, endocrine, blood, circulatory, lymphatic and immune, respiratory, digestive, metabolism, urinary, and reproductive. Each unit will place particular emphasis on the human diseases affecting that system.

Marine Science .5 or 1.0 credit **Grades 10-12**

Prerequisite: Successful completion of General Science. This is a lab science course. This course is offered on alternating years with Geology. It will be offered in the 2019-20 school year.

Marine Science will deal with sea life and the physical factors affecting them. Students will study the ocean's geology, chemistry and water movements to understand how they affect the major marine habitats, our world's climate, weather, economy, and the marine organisms themselves. The class will also cover marine ecology and a survey of the plants and animals that live in our world's oceans. The class will involve hands-on activities to include setting up and maintaining several aquariums, and various labs which will also include dissections of various marine animals.

Medical Science 1 .5 credit **Grades 9-12**

This is a lab science course. This class may be counted as a lab science course or for occupational education (CTE) credit, but not both.

Explore the exciting world of medical careers. Students interested in medicine and the human body will enjoy this course immensely. This hands-on course provides experience in the basic skills and knowledge required of many health occupations

such as: physical therapist, registered nurse, athletic trainer, physician, emergency medical technician and other related medical professions. The course includes: medical career exploration, anatomy and physiology, legal issues, medical ethics, patient evaluation and care, human growth and development, medical terminology, and professionalism. Leadership and 21st century skill development will be incorporated throughout the class. Students who complete Medical Science 1 and 2 and Human Anatomy & Physiology 1 and 2 with a "B" or better may earn up to 6 Clark College credits. **Successful completion of both Medical Science 1 and 2 can count as .5 Health and .5 Science credit.**

Medical Science 2 .5 credit **Grades 9-12**

Prerequisites: Medical Science 1 This is a lab science course. ***This class may be counted as a lab science course or for occupational education (CTE) credit, but not both.***

Fee: Cost of CPR/First Aid Card (optional)

This advanced course is designed for the student who wants to expand their knowledge and skills related to medical science and explore potential career paths in the medical field. Topics that will be covered include: human anatomy, First Aid/CPR for Health Provider Certification, physiology, patient evaluation, patient monitoring and interaction, nutrition, disease and illness, and employability skills. Students will be engaged in dissection, lab testing, microscope use, medical research, and in-depth study of the human body. Leadership and 21st century skill development will be incorporated throughout the class. Students who complete Medical Science 1 and 2 and Human Anatomy & Physiology 1 and 2 with a "B" or better may earn up to 6 Clark College credits. **Successful completion of both Medical Science 1 and 2 can count as .5 Health and .5 Science credit.**

Physics 1.0 credit **Grades 11-12**

Prerequisite: Algebra 2 and Ms. Talvitie's signature required. This is an Algebra based lab science course. Students enrolled in this course will have the option to receive college credit from Central Washington University. It is possible that students will not have to pay for these credits and if that option is available and you are a senior, you will NOT be allowed to also take the early out or late start option next year.

Physics is the study of mathematical laws that describe the behavior and structure of matter, energy, and time. Topics covered in the first semester are motion, forces, and energy. Second semester focuses on rotational motion, electricity, magnetism, light and relativity. This class is specifically designed for college-bound students who have a strong interest in science. Non-programmable, non-graphing scientific calculator and spiral notebook required.

Zoology .5 credit Grades 9-12

This is a lab science course. Dissections are REQUIRED.

Students will learn to identify and understand the diversity and taxonomy of the various vertebrate and invertebrate phyla. We will focus on the comparative structure and function of the digestive, respiratory, circulatory and reproductive systems and how they relate to the human body systems. 3 ring notebook and spiral notebook required.

SOCIAL STUDIES

AP European History

.5 or 1.0 credit Grades 10-12

Prerequisite: Teacher signature required.

This course is designed as an elective History for college bound students. This full year course can be taken in lieu of U.S. History 1.

The study of European history since 1350 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Students will have the opportunity to take the Advanced Placement European History Exam offered through the College Board in May. Successful passing of this exam could earn the student college credits.

**AP U.S. Government & Politics – LCC Pols 202
1.0 credit Grade 12**

Successful completion of 1.0 credit in this course meets the U.S. Government and Modern World History requirement. Students will be able to earn 5 college credits through Lower Columbia College upon successful completion of this class. Fees will apply

This class covers the Constitution, U.S. government, political beliefs and behaviors, as well as Congress, the presidency, federal courts, public policy, civil rights and civil liberties. Students will have the opportunity to take the Advanced Placement U.S. Government & Politics Exam offered through the College Board in May. Successful passing of this exam could earn the student college credits.

AP U.S. History & LCC History 136-137

1.0 credit Grade 11

This course meets the US History 2 requirement. Students will be able to earn 10 college credits through Lower Columbia College upon successful completion of this class. Fees will apply.

This course acts as a survey of political, economic and social elements of the United States from foundation to present. Students will have the opportunity to take the Advanced Placement United States History Exam offered through the College Board in May. Successful passing of this exam could earn the student several college credits.

Modern World History .5 credit Grade 12

This class is a senior class requirement.

This class is a critical look at institutions, governments and organizations that dictate how the world runs today. The class looks back at how history has forged current events. We focus on the UN, European Union while following current events in Korea, the Middle East and other current "hot spots".

Psychology .5 credit Grades 9-12

This class introduces students to the pioneers of psychology. Both founding members and contemporary contributors will be examined. The major "schools of thought" will be explored and the influential people who work, research and teach using those philosophies. Instructional techniques and materials will include textbook, current trade magazines, visiting professionals, para-professionals and extensive student discussion groups. This is an elective course.

U.S. Government .5 credit Grade 12

This class is a senior class requirement.

This class will introduce students to the basic tenets of democracy and the American government. Special emphasis will be placed on investigating the origins and foundational documents of democracy; understanding the function of each of the three branches of government; recognizing how the election process works; distinguishing between civil rights and civil liberties; and becoming a critical consumer of political media. Students will learn through a variety of written tasks and hands-on simulations.

U.S. History 1

1.0 credit Grade 10

This course surveys the political, economic and social elements of the United States from 1607 to 1877. The class will examine how the United States has changed over time and how we have become the country we are today. Topics of focus will include: Colonization, The American Revolution, The Early Republic, The Era of Reform and Antebellum America, Westward Expansion and Development, The Civil War and Reconstruction.

U.S. History 2

1.0 credit Grade 11

This course surveys the political, economic and social elements of the United States from 1877 to present. The class will examine how the United States has changed over time and how we have become the country we are today. Topics of focus will include: The Era of Industrialization and Urbanization, Imperialism, Progressivism, World War I, The Roaring 20's, The Great Depression, World War II, The Cold War, America at Home 1950-1980, Vietnam and the Era of Conservatism.

Washington State History .5 credit Grades 9-12
This course is offered through a non- traditional online option.

This class will examine geographic features of the Pacific Northwest. Course material will also focus on the foundations of the Washington State government, as well as major events in the history of our state.

SPECIAL EDUCATION & ELL COURSES

Basic Life Skills I.E.P. 1.0 credit Grades 9-12
Prerequisite: Teacher approval. Student must have a current IEP.

This course focuses on basic independent living skills, community and career awareness, and functional academics. Social interactions are supported and encouraged throughout the course.

English Language Learner Advanced English .5 or 1.0 credit Grades 9-12
Prerequisite: Teacher approval.

This class is for English Language Learners. The primary focus is improving English language skills using an interdisciplinary approach. There is an emphasis on developing academic language for future success in content classes. This class meets a WHS English credit.

English Language Learner English .5 or 1.0 credit Grades 9-12
Prerequisite: Teacher approval.

This class is for English Language Learners. The primary focus is improving English language skills using an interdisciplinary approach. Students also use a computer program called Imagine Learning to help develop English skills. The emphasis is to develop interpersonal and content appropriate vocabulary. This class meets a WHS English credit.

English Language Learner Study Skills .5 or 1.0 credit Grades 9-12
Prerequisite: Teacher approval.

This class is designed to allow ELL students to receive additional time with completing assignments in any content area and receive additional support in those classes. This is an elective credit class.

English Language Learner US History .5 or 1.0 credit Grades 9-12
Prerequisite: Teacher approval.

A US history class designed for ELL students. This class focuses on building a historical foundation while enhancing students' English abilities in reading, writing, listening, and speaking. This class meets a WHS history credit.

Integrated Support .5 or 1.0 credit Grades 9-12
Prerequisite: Teacher approval. Student must have a current IEP.

Focus on acquisition and practice of skills necessary to survive in general education classrooms. Students will practice math skills through repetitions, drills, and manipulative. Other

study skills such as time management, organization and note-taking, summarizing, and writing for different prompts will be practiced. This class will prepare students for success in all classes.

Literacy Development 1 .5 or 1.0 credit Grade 9

Prerequisite: Teacher approval. Student must have a current IEP.

Focus on basic reading and writing skills through use of a literature, research, and presentations.

Literacy Development 2 .5 or 1.0 credit Grade 10

Prerequisite: Teacher approval. Student must have a current IEP.

Focus on reading and writing through use of grade level text, study skills, career research and presentations. This class will prepare students for a possible transition to a general education English class.

Literacy Development 3 .5 or 1.0 credit Grade 11

Prerequisite: Teacher approval. Student must have a current IEP.

Focus on reading and writing through use of grade level text, study skills, research papers, presentations and career exploration. This class will prepare students for a possible transition to a general education English class.

Literacy Development 4 .5 or 1.0 credit Grade 12

Prerequisite: Teacher approval. Student must have a current IEP.

Focus on reading and writing through use of grade level text, study skills, research papers, presentations and career exploration. This class will prepare students for graduation and life after high school.

Math Development 1 .5 or 1.0 credit Grades 9-12

Prerequisite: Teacher approval. Student must have a current IEP.

Focus on basic math skills, problem solving skills, everyday life math.

Math Development 2 .5 or 1.0 credit Grades 9-12

Prerequisite: Teacher approval. Student must have a current IEP.

Focus on basic math skills, fractions and decimals, and working on problem solving skills.

Math Development 3 .5 or 1.0 credit Grades 9-12

Prerequisite: Teacher approval. Student must have a current IEP.

Focus on areas of fractions, percent of numbers, geometry, pre-algebra and problem solving skills. This class will prepare students for a possible transition to a general education math class.

Math Development 4
.5 or 1.0 credit **Grades 9-12**
Prerequisite: Teacher approval. Student must have a current IEP.
Focus on budgeting skills and learning about everyday life math.

Structured Support
.5 or 1.0 credit **Grades 9-12**
Prerequisite: Teacher approval. Student must have a current IEP.
This class is for students who need supports with social communication skills and executive functioning. Organization, planning, and Social Thinking are central to this course.

Transition Exploration
.5 or 1.0 credit **Grades 9-12**
Prerequisite: Teacher approval. Student must have a current IEP.
Students will learn about and explore different types of job settings. They will also learn about resume writing, filling out job applications, and how to look for jobs in the newspaper and online.

ELECTIVE COURSES

World Language

Successful completion of two (2.0) credits of the same world language is a CADR admission requirement for most 4-year colleges or universities.

American Sign Language 1
1.0 credit **Grades 9-12**
ASL 1 covers an introduction of principles, methods, and techniques for communicating with Deaf people who sign. In addition, development of expressive and receptive sign skills, manual alphabet, numbers, and sign vocabulary will be a focus. Also, an overview of syntax, grammar, and culture related to ASL. Students will be exposed to and aware of Deaf cultures, focusing on language and beliefs.

American Sign Language 2
1.0 credit **Grades 10-12**
Prerequisites: ASL 1 with a grade of "C" or better.
ASL 2 course focuses on linguistics of ASL including non-manual behaviors and signing English idioms with conceptual accuracy. There is an emphasis on practical application of ASL skills, expanded vocabulary and cross-cultural communication. Advanced American Sign Language skills: including continued vocabulary, emphasis on conversational techniques in cross-cultural framework, continued work on conceptually accurate signing of English idioms and words with multiple meanings will be covered in Semester 2. There will also be a focus on translation and interpreting throughout the year.

American Sign Language 3
1.0 credit **Grades 11-12**
Prerequisites: ASL 1 and 2 with a grade of "C" or better.
Students will learn an advanced study of vocabulary, classifiers, use of space, and grammatical features of American Sign Language (ASL). This class includes evaluations of changes that occur in ASL as a living language. Students will use an advanced use of ASL in demonstrations, reports, presentations, and translations/interpreting.

Spanish 1 **1.0 credit** **Grades 9-12**
Students develop skills in listening, speaking, reading and writing in Spanish. Students begin speaking Spanish, using simple greetings and phrases. Students converse in present tense emphasizing accurate pronunciation. Students will be exposed to and aware of different cultures, focusing on customs, beliefs and foods.

Spanish 2 **1.0 credit** **Grades 10-12**
Prerequisite: Spanish 1 with a grade of C or better.
Students will continue developing skills in listening, speaking, reading and writing in Spanish on a more advanced level. They will focus more in-depth with the grammatical structures of Spanish. Students will also be exposed to and study the Spanish culture. Students will incorporate technology in class to enhance their learning.

Basic Electives

Art History/Appreciation .5 credit Grades 9-12
The class will be analyzing artistic styles and methods including sculpture, painting and music from a variety of cultures and time periods including Ancient Egypt, Greece, European Renaissance and the Impressionist Movement. Emphasis will be placed on cultural, historical and political influences.

College Prep 101 .5 credit Grade 12
Fee: Students are expected to pay for application fees to at least two post secondary institutions to which they apply (unless the student qualifies for fee waivers).
This course is designed specifically for students interested in continuing on to college after high school. The course is taught by WHS counselors who will guide students through the college application, financial aid, and scholarship process. In addition, students will gain practice in preparing for their senior presentation and college/job interviews. Students need to fill out an application confirming their intention to attend college after high school. **If interested in this class, please speak with a WHS counselor.**

Dismissal No Credit Grade 12 only

Late Arrival 1st period, Early Out 6th period, or dismissal any period in between is an option for those seniors who have 18.5 credits at the end of junior year and are on track to graduate.. A student may have dismissal second semester of senior year only if s/he has 21.5 at the end of first semester of the senior year. The student must complete an application and parent approval is required. Students that have Dismissal period 2,3,4 or 5 will not be allowed to leave campus.

Leadership .5 or 1.0 credit Grades 9-12

Prerequisite: Teacher approval required.

This course is designed primarily for club and class officers, although other students are welcome. The class focuses on communication skills, group processes, managerial skills, self-awareness, and human relation skills. Students help in providing services for school, community and other programs. Class members are also expected to become positive role models at Woodland High School.

Peer Tutor .5 or 1.0 credit Grades 11-12

Prerequisite: Successful completion of 2 years of high school math and have earned 12 high school credits. Student must be in good academic standing and have excellent attendance.

Peer tutors will work one on one or in small groups with struggling students. Tutors may also work in a variety of classrooms to assist students. Tutors will keep a daily journal and do a research project. Tutors will need to have good attendance as well as good people skills along with a high level of maturity and social skills, as they will be role models.

Teacher Aide .5 or 1.0 credit Grades 11-12

Teacher approval required.

Teacher aides are permitted only under specific regulations. There are no off-campus aide positions. Excellent attendance is a must. A student may miss no more than 7 days of school the previous semester. Students will only be allowed to take 1 aide credit towards graduation requirements.

The following is a list of classes for the 2019-20 school year that have a prerequisite, require an application, or a signature:

Horticulture
Advanced Metal
Algebra 2
American Sign Language 2
American Sign Language 3
AP Biology
AP Calculus
AP Chemistry
AP English Literature
AP European History
Applied Math
Astronomy
Athletes in Action
Beaver Band
Beginning Guitar
Beginning Painting
Chemistry
College Prep 101
Dismissal
English Language Learner Courses
Entrepreneurship
Financial Fitness

Floral Design 2
Floral Shop Management 1 & 2
Geometry
Honors Pre-AP Biology
Jazz Choir
Jazz Ensemble
Leadership
Marine Science
Medical Science 2
Office Skills and Communication
PE Waiver
Peer Tutor
Physics
Pre-Calculus
Publishing
Retail Operations
Spanish 2
Special Education Courses
Teacher Aide
Transitional Math
Web Page Design 2