

Warrenton-Hammond School District No. 30

WARRENTON HIGH SCHOOL



CURRICULUM GUIDE

2018-19

1700 S Main Ave, Warrenton, OR 97146 Phone (503) 861-3317 FAX (503) 861-2997

Revised 6/29/18

Table of Contents

| | |
|---|----|
| Message from the Principal | 2 |
| College Entrance Requirements at Oregon University System (OUS) Schools | 3 |
| College Prep Courses at Warrenton High School | 3 |
| Current Minimum Requirements for Admission to Oregon Universities | 3 |
| Academic Record Graduation Requirements | 4 |
| Graduation Checklist | 6 |
| Early Graduation Requirements | 7 |
| WSD Education Plan | 8 |
| Warrenton High School Guide to Registration | 10 |
| Computer Science Course Description | 11 |
| Fine Arts Course Descriptions | 11 |
| Health and Physical Education Course Descriptions | 12 |
| Language Arts Course Descriptions | 12 |
| Mathematics Course Descriptions | 14 |
| Science Course Descriptions | 15 |
| Social Sciences Course Descriptions | 16 |
| MERTS Course Descriptions | 17 |
| Alternative Credits | 18 |
| Health Occupations | 18 |
| Independent Service Project | 18 |
| Warrenton On-line School | 18 |
| Simultaneous Enrollment | 18 |
| Student Aide | 19 |
| Work Experience | 19 |
| Upward Bound | 19 |
| Educational Talent Search | 19 |
| Teacher Cadet | 19 |
| English as a Second Language | 19 |
| NCAA Eligibility Center Information (Athletic Eligibility for College) | 20 |

WARRENTON-HAMMOND SCHOOL DISTRICT NO. 30

WARRENTON HIGH SCHOOL

MESSAGE FROM THE PRINCIPAL

This handbook is designed to assist you in selecting a four-year course of study, relating your studies to graduation requirements and career choices. **It is important to read the entire handbook.**

Included in this handbook is a list of high school graduation and college entrance requirements, an index of courses available and general information. Students and parents should plan what courses will be taken for each of the four years. Members of the school staff will work individually or in small groups with each student throughout his or her high school year.

Course offerings for the next school year are determined by the information gathered during the forecasting process each spring. On the basis of that information, teacher assignments will be made and the student schedules will be created. **The computer scheduling makes the information on the forecast sheet very important, because that is the only opportunity for the students to indicate what classes he/she wants to take.** Parents can also view/adjust course selections during the spring forecasting time using their ParentVue account.

Warrenton operates on a seven-period day. All students are required to take seven classes each semester. Any exception will be by administrative approval. Students are encouraged to participate in school activities, such as sports, music, student government, and clubs. In addition, freshman, sophomore, junior, and senior class activities are valuable learning experiences.

Rod Heyen
Principal

It is the policy of the Warrenton-Hammond School District No. 30 Board of Education and School District that there will be no discrimination or harassment on the grounds of race, color, sex, marital status, religion, national origin, age or disability in any educational programs, activities or employment. Persons having questions about equal opportunity or nondiscrimination should contact the superintendent at Warrenton-Hammond District, Phone (503) 861-2281 or TDD 1-800-735-2900.

For questions concerning;
Section 504, call the coordinator at (503) 861-3317
Title IX, call the coordinator at (503) 861-2281

COLLEGE ADMISSION REQUIREMENTS AT (OUS) OREGON

UNIVERSITY SYSTEM SCHOOLS

| Requirement | Community College | 4-Year Public University | 4-Year Independent Private University |
|-----------------------------------|--|--|--|
| GED or High School Diploma | X | X | X |
| Minimum GPA in HS | 2.5 GPA | 3.00 GPA | 3 GPA/Varies on Institution |
| High School Courses | | C or Above in all core classes | A's & B's in rigorous courses* |
| ENGLISH | 4 credits | 4 credits | 4 credits |
| MATH | 3 credits Algebra1- 2 and above | 3 credits Algebra 2 and above | 4 credits Algebra 2 and above |
| SCIENCE | 3 credits + 2 Labs | 3 credits: At least one year each of two different sciences (Biology, Chemistry, Physics, etc.) | 3 credits: At least one year each of two different sciences (Biology, Chemistry, Physics, etc.) |
| SOCIAL SCIENCE | 3 credits | 3 credits | 3+ credits |
| SECONED LANGUAGE | Would like you to have 2 years at HS level | 2 credits of the same Language | 3 + credits |
| SAT OR ACT | Highly suggested the SAT or ACT were taken in your Junior or Senior year of high school. | Only scores sent electronically from College Board (SAT) and/or ACT will be considered official and used for admission purposes. | Only scores sent electronically from College Board (SAT) and/or ACT will be considered official and used for admission purposes. |
| PERSONAL ESSAY | | Required in application | Required in application |
| LETTERS OF RECOMMENDATION | | Strongly suggested | Strongly suggested |

Although not required, colleges also look for involvement in school and community activities such as sports, clubs, student government, volunteering, and/or part-time employment.

College Prep Courses at Warrenton High School

| | |
|------------------|--|
| Language Arts | English I, English II, English III, English IV, College Writing (H) |
| Mathematics | Algebra 1, Geometry, Algebra 2 (Algebra 2 is the minimum math requirement for 4-year college admission), Algebra 2 (H), Pre-Calculus (H), Calculus (H) |
| Science | Physical Science, Biology, Chemistry (H), Fisheries, Geology, Physics (H), Anatomy & Physiology (H), Zoology, STEM |
| Social Studies | Global Studies, U.S. History, one-half credit of Government, and one-half credit of Economics |
| Foreign Language | Spanish I, Spanish II, College Spanish (H) |

ACT & SAT

In order to be admitted to a 4-year college or university, students must take the SAT and/or the ACT. The best preparation for these tests is a rigorous curriculum and extensive reading in and out of school. Students are advised to familiarize themselves with tests and use the practice materials on paper and on-line provided for that purpose. All sophomores take the PSAT and many college-bound students take the test again their junior year (fall). Juniors are advised to take either the SAT or ACT in the spring and, possibly again in the fall of their senior year.

ACCUPLACER

The Accuplacer test is a placement test required for admissions into Clatsop Community College. Many other community colleges use Accuplacer scores for placement as well. Students may be asked to take the Accuplacer test for placement in CCC classes offered on campus.

All seniors at WHS will have the opportunity to take the Accuplacer Test. As part of our CCC Bridges Program, all seniors will complete the application for admissions to Clatsop Community College.

CHOOSING COLLEGES

Selecting which college to attend is an individual process..

Warrenton High School offers support options to assist with this process, such as:

- **OUS Tours:** Once a year, WHS hosts the OUS Tour. The tour includes group sessions with any/all of the Oregon Public University School System Schools and Clatsop Community College. All juniors and seniors are invited to attend.
- **College Representative Meetings:** Public and private colleges send representatives to WHS to meet with any interested students throughout the year. Students need to sign up, in advance to attend these meetings.
- **Individual College/Career Counseling:** Any student can access one-on-one help with college applications, planning, and scholarships. Students need to sign up with the counselor to schedule a session.
- **Junior and Senior Parent College Information Nights:** These meetings are scheduled in the fall and provide information about the steps involved in preparations to attend college.

| ACADEMIC RECORD | | |
|--------------------------------|----------------------|-------------------------|
| GRADUATION REQUIREMENTS | | |
| CODE | AREA NAME | CREDITS REQUIRED |
| BI | BIOLOGY | 1.00 |
| EC | ECONOMICS | 0.50 |
| EL | ELECTIVES | 7.00 |
| FA | FINE/INDUSTRIAL ARTS | 3.00 |
| GS | GLOBAL STUDIES | 1.00 |
| GV | GOVERNMENT | 0.50 |
| HL | HEALTH | 1.00 |
| LA | LANGUAGE ARTS | 4.00 |
| MA | MATH | 3.00 |
| PE | PHYSICAL EDUCATION | 1.00 |
| PS | PHYSICAL SCIENCE | 1.00 |
| SC | LAB SCIENCE | 1.00 |
| US | US HISTORY | 1.00 |

GRADUATION REQUIREMENTS

Earned 25 credits from grades 9-12.

Met the minimum requirements for attendance.

Met the minimum Oregon Essential Skills Requirements: Reading, Writing, and Math

Completed the following subjects:

1.0 credit.....Biology

0.5 credit.....Economics (one semester course)

7 credits.....Electives (Any class taken in a subject area beyond the number of credits required for graduation. Also includes any class listed as an elective in class descriptions)

3.0 credit.....Fine/Industrial Arts - Band, Choir, Art, Drama, Stage Design, Spanish I, Spanish II, College Spanish (H), Graphic Design, Welding, Automotive

1.0 credit.....Global Studies

0.5 credit.....Government (one semester course)

1.0 credit.....Health

4.0 credits.....Language Arts - English 1A/1B, English I, English II, English III, English IV, or College Writing (H).

3.0 credits.....Math - Algebra 1A, Algebra 1B, Algebra 1, Geometry, Applied Algebra, Algebra 2, Algebra 2(H), Pre-Calculus (H), or Calculus (H)

1.0 credit.....Physical Education - P.E. I

1.0 credit.....Physical Science

1.0 credit.....Lab Science - Chemistry, Geology, Fisheries, Physics, or Zoology or Anatomy, Physiology (H) & STEM, Physical Science

1.0 credit.....U.S. History

25.0 CREDITS TOTAL

Graduation Checklist

Name _____

Graduation Year _____

| | | Class | Freshman | Sophomore | Junior | Senior |
|-------------------|--|------------------|-----------------|------------------|---------------|---------------|
| 9th Grade | | English I/Eng IA | | | | |
| | | Physical Science | | | | |
| | | Fine/Ind Arts 1 | | | | |
| | | PE | | | | |
| | | Math | | | | |
| 10th Grade | | English II/Eng I | | | | |
| | | Biology | | | | |
| | | Global Studies | | | | |
| | | Health | | | | |
| | | Math | | | | |
| 11th Grade | | Eng III/Eng II | | | | |
| | | US History | | | | |
| | | Science Elective | | | | |
| | | Math | | | | |
| 12th Grade | | Eng IV/Eng III | | | | |
| | | Govt/Econ | | | | |
| | | Fine/Ind Arts 2 | | | | |
| | | Fine/Ind Arts 3 | | | | |
| | | Elective 1 | | | | |
| | | Elective 2 | | | | |
| | | Elective 3 | | | | |
| | | Elective 4 | | | | |
| | | Elective 5 | | | | |
| | | Elective 6 | | | | |
| | | Elective 7 | | | | |

EARLY GRADUATION REQUIREMENTS

Early graduation means the completion of all high school requirements for graduation in less than four years. Students will be responsible to meet the credit requirements of the class in which they started high school.

In most cases students should take four years to complete the high school graduation requirements. Premature transition to post high school experience may require career skills, or academic maturity beyond that which students ordinarily possess at the end of grade eleven. Enrichment experiences available within the high school during the senior year and off-campus experiences may complement school course work, fulfill graduation requirements and enhance the students' growth in the areas of vocational choice and community service. However, for a very limited number of students, early graduation may be desirable.

Procedure for making application for early graduation:

1. Parents/students desiring to graduate at the end of six or seven semesters shall contact the administration or counselor in the spring term before the year they wish to graduate.
2. Parents/students shall arrange a conference with parents and counselor or principal to determine feasibility and appropriateness of early graduation.
3. If the parents and student wish to pursue this plan, they must submit a petition to the counseling office.
4. The counselor will review the petition and forward it to the principal along with the following: a transcript, an evaluation of credits along with the proposed completion plan, a graduation plan, and the counselor's recommendation and any other relevant documents.
5. The principal will review information submitted by the counselor.
6. Upon return of signed petition, the principal shall prepare a recommendation.
7. Appeal Procedure – If at any point in the above procedure a request is denied, an appeal may be made to the person at the next level of responsibility as specified in this standard practice. Appeals will be made to the Superintendent of the Warrenton-Hammond School District.

Warrenton SD Education Plan

Name _____ Grade _____

Class of 20____ Date (today): _____

WSD Education Plan TODAY

- Review prior Education Plans, if available _____
- Review Graduation Requirements _____
- Review Transcripts _____
- Complete NEW Education Plan _____

NEW ED. PLAN

A. Who I am:

Things I really enjoy doing and want to do more of.

Classes that I like or would like and hope to take more of.

Personal Interests:

Academic Strengths:

| | |
|--|--|
| | |
|--|--|



B. Career Interests:

What education* beyond high school will I need for these careers?

(*education can mean a lot of different things)



Career Interest #1: _____

What kind of degree, certificate, training, or education:

Number of years to complete:

Location of classes/training:

Career Interest #2: _____

What kind of degree, certificate, training, or education:

Number of years to complete:

Location of classes/training:

C. Career Goals and Dreams

6 years from now.....

Write what you want your life to look like.

D. Activities

List current* classes, jobs, or hobbies that match with your personal, academic, or career interest areas.

*current = last summer, this year, this coming summer

i.e. chemistry ("C" or better)

i.e. art (portfolio)

| | |
|---|---|
| ~ | ~ |
| ~ | ~ |

E. TO DO:

What other steps do I plan to take to help me meet my career interest/goals?

i.e. college visits, volunteering, job shadow, job, hobbies, lessons, camps, clubs, study habits

Refer to "WHAT TO DO NOW" handout for ideas

Warrenton High School Guide to Registration

Note: Seniors must be enrolled in seven classes per year and/or be enrolled in four classes with college courses or work experience simultaneously during senior year to graduate.

Pre-registration/Forecasting:

Accurate planning and placement in the spring, should eliminate the need for any schedule changes in the fall. Only necessary or administrative changes will be made. Each student is expected to forecast/select courses for the following year from an individually planned program.

The Key is Planning:

The responsibility for course planning rests primarily with the students and their parents. School personnel assist in program planning. When making your course selections, goals, abilities, and interests should be kept in mind.

Academic Standing:

Six credits are required to achieve sophomore standing, **twelve** credits are required to achieve junior standing, **eighteen** credits are required to achieve senior standing, and **25 credits are required to meet graduation requirements.** Warrenton High School offers seven periods per year, which allows a student to accumulate seven credits per year. All students must take a full seven period schedule per year, exceptions may occur by administrative approval. Seniors must be enrolled in seven classes per year and/or be enrolled in four classes with college courses or work experience simultaneously during senior year to graduate.

Semester Pass / No Pass Grade Forms:

A student may only take one class each semester on a Pass / No Pass basis. (electives only). All semester 1 P/NP requests must be made by the last school day of November. Semester 2 requests must be made by the last school day in March before spring break. Semester P/NP forms are at the office.

Activities, Organizations, Clubs:

The academic program at Warrenton High School is balanced by extra-curricular activities in which our students are encouraged to participate. School spirit, friendship, and responsibility are some of the things these activities promote. Students involved in activities outside the classroom often develop lifelong career and hobby interests.

COURSES

Explanation of Terms:

- Prerequisite :** A previous course that must have been taken or a condition that must be met in order for the student to take a course.
- Instructor Approval:** Some courses require instructor approval for permission to take the course. These are usually special courses.
- Recommendation:** Proper placement of the student for their success and well-being and the well being of others is of importance here. Math, English and science placements may involve teacher recommendation. Honors courses also require teacher recommendation.

Required Course: A course in which full credit must be earned in order to meet graduation requirements.

COMPUTER SCIENCE

Graphic Design 1A/1B (05162) (Required) (Grades 9-12)

Students will be exposed to the industry standard technologies and principles that compose basic principles of design work. These elements will include principles of design and composition, basic layout structure, basic color theory, digital photography, industrial design through 3d rendering, logo design, Adobe Photoshop and poster design. All projects involve creative problem solving, aesthetics and criticism. Graphic Design is a very universal set of skills that will translate to many career options in commercial art and design.

Graphic Design 2A/2B (05162) (Required) (Grades 9-12)

Students will reinforce the work that was started in Graphic Design 1, and to focus on design and lettering more in depth. These elements will include typography, brand identity, Swiss grid systems, advanced and experimental layouts, color photography, advanced Adobe Photoshop and Illustrator, advanced 3D rendering and advanced industrial design.

Graphic Design 3A/3B (05162) (Required) (Grades 9-12)

Advanced Graphic Design: The advanced capstone course will include an entrepreneurial aspect of being an independent designer. Students will be asked to perform design services throughout the school and community. Projects include billboard design, magazine illustration, T-shirt design and printing, website design, brand identity for local businesses, creation of promotional materials, creating signage, use of the laser cutters, CNC, and 3D printers for design projects and work experience/ internships in the community.

Publishing (11104) (Elective) (Grades 9 -12) (1 credit)

Instructor approval required. (May be repeated)

Publication class is different from every other course in that it is a real business. In class, students compose, construct, and edit all elements of a computerized text layout, graphic art and digital photography. Students work on clerical operations, advertisements, and conduct student, teacher and coach interviews. Students will gain real world skills in time management, organizational skills team work, and design principles. And we will do all this while remaining within a budget! Students will often work in teams, but will also be expected to complete individual assignments. Some out of class time will be required.

Computer Coding (10152) (Comp. Science/Elective) (Grades 9-12) (1 credit)

This is an entry-level, year-long course designed to learn about computer programming. The class will learn the basics in computer coding in multiple languages including JavaScript, HTML/CSS, PHP, Python, Ruby, and API. It is designed for those who want to use computers as problem-solving tools. The class will focus on design considerations, coding procedures, debugging and testing. Students will have the opportunity to develop apps, websites, and games.

Gaming (10248) (Elective) (Grades 9-12) (1 credit)

In this class we will look at and study all kinds of gaming. This includes card games, role-playing games, board games, and video games (console and computer). Through these studies, students will be required to be creative, communicate, use and apply mathematics, work in teams, participate, and run competitions as well as understand the careers that are available in gaming fields.

FINE ARTS

Art I (05155) (Elective) (Grades 9-12) (1 credit)

This course serves as an introduction to the visual arts. Traditional media such as drawing and painting will be explored, but there will also be an introduction to art through technology. Some projects throughout the year will be interdisciplinary and will be taught in conjunction with the school's STEM lab. The exploration of materials, processes, creative thought, and the history of art will be consistent topics in this course.

Band (05101) (Elective) (Grades 9-12) (1 credit)

Emphasis is on the rehearsal and performance of a wide variety of wind music. The course will include a study of music appreciation, and the fundamentals of tone production. (May be repeated with instructor's approval)

Choir (05110) (Elective) (Grades 9-12) (1 credit)

This class is open to any interested student. Emphasis is on rehearsal and performance of a wide variety of vocal music. The course will also include a study of music appreciation, and the fundamentals of vocal tone production. As new students become ready, they will be placed in the performance ensemble. (May be repeated)

Drama (05055) (Elective) (Grades 9-12) (1 credit)

This course is designed for students interested in stage acting. Students will learn the building blocks for theater characterization and performance. The culminating event for drama is the semester production performed by students on the WHS stage. (May be repeated)

Stage/Set Design (05056) (Elective) (Grades 9-12) (1 credit)

Students will learn the compositional elements for theater design. Activities include practical design and construction for theater props, costumes, sound, lights, and sets. Students in this course are also responsible for design and construction of the semester WHS production. (May be repeated)

Spanish I (06101) (Elective) (Grades 9-12) (1 credit)

Spanish I is an elective foreign language course designed to introduce students to the Spanish language and culture. The course will provide the student with a foundation of basic vocabulary, grammar instruction, and beginning oral communication in the target language. **(Required for admission to an Oregon University System School)**

Spanish II (06102) (Elective) (Grades 9-12) (1 credit)

Spanish II will continue to build upon Spanish I. The course is designed to expand vocabulary, grammar and syntax, and communication skills. The focus of the course is twofold: to increase the applicability and knowledge of the Spanish language and to increase understanding of the Latino culture. **(Required for admission to an Oregon University System School)**

College Spanish 101-103 (H) (06103) (Elective) (Grades 10-12) (1 credit)/(12 college credits)

Spanish III/Spanish 101, 102, 103 is for advanced students who have demonstrated proficiency of Spanish I and Spanish II skills. This course is communication and writing intensive with applications of Spanish I and II instruction and will follow the college curriculum for Spanish 101, 102, 103. This course meets the foreign

language requirement. **Instructor approval required. There is a fee required to earn college credit for this course.**

HEALTH AND PHYSICAL EDUCATION

P.E. I (08001) (Required) (Grade 9) (1 credit)

This course is designed to teach the basic fundamentals of recreation, team and lifetime sports. There will also be an emphasis on physical conditioning toward lifetime goals. The course will provide the opportunity to develop fitness and motor skills, which are linked to mental and emotional fitness in life. This class is a prerequisite for advanced Physical Education.

Health (08051) (Required) (Grade 10) (1 credit)

This health course focuses mainly on the three characteristics of health including emotional, social and physical health. This course will also provide students with skills, strategies, and competencies with decision making now and in the future.

Weight Lifting (08009) (Elective) (Grades 9-12) (1 credit)

The emphasis will be placed upon building muscular strength and the development of the cardiovascular system through the use of weights and aerobic exercise. Students will work through planned circuit training, power lifting units, and chart progress. (May be repeated)

Advanced P.E. (08001AD) (Elective) (Grades 10-12) (1 credit)

The emphasis here will be placed on recreation and lifetime sports. Students will learn to formulate lifestyles that will reflect an understanding and regular practice of positive fitness behaviors. This course may meet the state requirements in physical education with departmental approval. Prerequisite is successful completion of P.E. I. (May be repeated)

LANGUAGE ARTS

English (1A/1B) - (01051) (By recommendation) (Grade 9) (1 credit)

This class will use small class size to address individual needs of the students. Students are expected to read orally on a daily basis as well as write and/or discuss their opinions.

English I (01001) (Required) (Grade 9) (1 credit)

This course will require students to read a variety of short stories, novels, and plays focusing on comprehension and analysis. The writing focus will be on the development of persuasive styles. Grammar will be taught as it applies to writing and speaking. Public speaking will be a part of this course.

English II (01002) (Required) (Grade 10) (1 credit)

English II is a required course focused on the creation, interpretation, and appreciation of language and literature. Students will read, summarize, analyze, and interpret a variety of literary and informational texts: as well as develop organized, well-reasoned, supported, and focused essays. Writing craft and process, language usage and conventions, reading strategies, and speaking and listening skills will be covered in order to support effective communication and meaning making. This course will teach

students to think critically and analytically as well as foster the skills necessary for independent, life long learning.

English III - (01003) (Required) (Grade 11) (1 credit)

This course requires students to study literature and film both analytically and introspectively. Novels to be read include *The Catcher in the Rye* and *One Flew Over the Cuckoo's Nest*. At least one play will be read. The study of reading and writing will focus on vocabulary development, relevant note taking for literature analysis, creative writing, editing and proofreading skills, and identifying and developing personal study habits throughout the course. Students will also complete The Warrior Project – a community volunteer project that incorporates personal knowledge and formal writing that will result in an oral presentation of the student's experience.

English IV - (01004) (Required) (Grade 12) (1 credit)

This course will require students to study literature, drama, film, non-fiction, public speaking, and writing as required for the Oregon Common Curriculum Standards. Novels to be read include *The Things They Carried* and *A Thousand Splendid Suns*. The play *Hamlet* will be read, watched, and analyzed and the non-fiction book *Behind the Beautiful Forevers* will be read and used as the basis for public speaking. Writing emphasis will be on research-based papers utilizing MLA format. Other writing styles will be reviewed for preparation for college and career-related applications, with an emphasis on personal editing/proofreading.

Independent Literature (01053) (Elective) (Grades 9 - 12) (.5 credit)

Independent Literature is an elective course designed for students to enjoy, interpret, and evaluate literature of their choosing among a community of readers. Students will read and recommend a variety of texts as well as connect literature with their own lives, other texts, and the world. Students are expected to engage with reading materials and processes through a variety of formats including: independent and group book studies, author, genre, and theme studies, reader response journals, read alouds, book talks, and twice quarterly book projects.

College Writing 121/122 (H) (Elective) (Grades 11- 12) (.5 credit per semester) (6 college credits)

This is a dual credit course through Clatsop Community College. Students successfully completing this course may earn up to six college credits. Students develop skills in writing exposition, description, narration, and persuasion. Selected readings illustrate excellence in style and demonstrate types of writing being practiced. Emphasizes correction of common errors and vocabulary improvement. May count as a required English class with principal's approval. Instructor approval is required. **There is a fee required to earn college credit for this course.**

Creative Writing (Elective) (Grades 10- 12) (.5 credit per semester)

This course will provide students with the opportunity to express their creativity in the written form. Specific curriculum will be decided by the students at the beginning of the year to best fit their interests as writers. Possible subtopics include short stories, flash-fiction, slam poetry, fan fiction, and poetry. The course will culminate with a semester-long short story that has undergone several drafts and transformations of ideas. The focus of this course will be less on writing conventions and more on being able to express and expand on creative ideas. Students will have opportunities to work in writer's circles to share ideas and critique each others' work.

MATHEMATICS

Algebra 1A (02053) (Required) (Grade 9-10) (1 credit)

This course is the first year of a two-year study in Algebra and related topics. Topics include simplifying expressions, properties of real numbers, solving linear equations, graphing linear equation and functions, writing linear equations, and solving and graphing linear inequalities. Real world applications are also presented within the course content and a problem solving approach is emphasized.

Algebra 1B (02054) (Required) (Grades 9-12) (1 credit)

This course is the second year of a two-year study in Algebra related topics. Topics include systems of linear equations and inequalities, exponents and exponential functions, quadratic equations and functions, polynomial and factoring, rational expressions and equations, and radicals. Real world applications are also presented within the course content and a problem solving approach is emphasized.

Algebra 1 (02052) (Required) (Grades 9-12) (1 credit)

This course is the foundation for high school mathematics courses. It is the bridge from concrete to the abstract study of mathematics. Topics include simplifying expressions, evaluating and solving equations and inequalities, graphing linear and quadratic equations and relations, probability, multiple events, and central tendencies. Real world applications are also presented within the course content and a problem solving approach is emphasized. **(Required for admission to Oregon University System School)**

Geometry (02072) (Required) (Grades 9-12) (1 credit)

This course integrates geometric and algebraic concepts. Students learn inductive and deductive reasoning, with emphasis on logic and critical thinking. Included is a study of one, two, and three dimensional shapes, ratios, proportions, and an introduction to trigonometry. Algebra 1 must be taken prior to enrollment in this class. **(Required for admission to Oregon University System School)**

Applied Algebra (02153) (Required) (Grades 11-12) (1 credit)

Students will learn how to skillfully manipulate and simplify algebraic expressions, solve and graph linear equations and inequalities, become more adept at problem solving, and understand how to apply these algebraic concepts to new situations. They will also be introduced to quadratic and exponential functions.

Algebra 2 (02056) (Required) (Grades 9-12) (1 credit)

Students learn to graph quadratic equations, how to use the quadratic equation, and how to solve functions. Students learn how to use logarithms, and solve complex numbers, as well as solve matrices. Algebra 2 will help students in the mathematics sections of the college entrance exams. This course helps improve mathematical skills involved with basic skills needed for college. **(Required for admission to Oregon University System School)**

Algebra 2 (H)/Math 111 (02056) (Required) (Grades 9-12) (1 credit)/(4 college credits)

Students learn to graph quadratic equations, how to use the quadratic equation, and how to solve functions. Students learn how to use logarithms, solve complex numbers, as well as solve matrices. Algebra 2 will help students in the mathematics sections of the college entrance exams. This course helps improve mathematical skills involved with basic skills needed for college. This class will also

cover all the topics covered in Math 111 at Clatsop Community College. **(Required for admission to Oregon University System School). There is a fee required to earn college credit for this course.**

Pre-Calculus (H)/Math 112, 116 (02110) (Elective) (Grades 11-12) (1 credit)/(8 college credits)

Students learn to solve and to graph trigonometric and circular functions along with transformations of these functions. Topics include analytic geometry, probability, combinations, statistics, and limits. **There is a fee required to earn college credit for this course.**

Calculus (H)/Math 251, 252 (02121) (Elective) (Grade 12) (1 credit)/(9 college credits)

Students will learn differentiation with an emphasis on concept applications to the real world. Exploring graphical, numerical and analytic approaches. Students will utilize concept of integration and master anti-derivative, integration by substitution and parts. Students will read, understand and discuss applied differential calculus concepts. **There is a fee required to earn college credit for this course.**

SCIENCE

Physical Science (03159) (Required) (Grade 9) (1credit)

Through hands-on laboratories and activities, students will gain basic and useful knowledge of matter, chemistry, motion, light, optics, sound, electricity and magnetism. Students will learn to use scientific inquiry to solve everyday problems while developing basic skills and knowledge for any science course. Skills of measuring, collecting, presenting and analyzing data will be addressed.

Biology (03051) (Required) (Grade 10) (1 credit)

This course is designed to give students an introduction to all aspects of science in the context of living things. The focus is on major biological themes including cell biology, genetics, evolution, and ecology. Through the study of these topics, the chemical and physical aspects of nature as they relate to biology are taught.

Chemistry (H)/Chem 104 (03101) (Elective) (Grades 10-12) (1 credit)(4 college credits)

This is a laboratory-based class designed to cover the main concepts of inorganic chemistry. These include ionic and covalent bonding, behavior of gases, electrochemistry, and acids and bases. The focus is also on the scientific method of doing research through designing and conducting numerous experiments. Must have completed/or be currently enrolled in Algebra II.

Geology (03002) (Elective) (Grades 10-12) (1 credit)

Geology is an earth science class that prepares students for studies in the Earth Sciences. Students will come out of Geology with a good foundation in geologic theory and processes. Geology takes a systematic look at all forces that shape and reshape the earth by using examples of actual geological structures whenever possible. Subjects include volcanism, earthquakes, erosion, astronomy, and geologic time.

Fisheries Ecology 1A/1B (185041) (Elective) (Grades 9-12) (1 credit)

Fisheries Ecology is a two part course designed around the life cycle of a salmon. The first part looks at the salmon life cycle and morphology. The second part looks at salmon habitats. The course emphasizes a hands-on approach by working with actual Chinook, Coho, and Steelhead in an on-campus hatchery. Students are responsible for daily care of the fish as well as any class work that is assigned.

The class is involved in real world research and students participate with scientists as they prepare and gather data. **Instructor's approval required.**

Fisheries Ecology 2A/2B (185042) (Elective) (Grades 9-12) (1 credit)

Fisheries Ecology is a two part course designed around the life cycle of a salmon. The first part looks at the salmon life cycle and morphology. The second part looks at salmon habitats. The course emphasizes a hands-on approach by working with actual Chinook, Coho, and Steelhead in an on-campus hatchery. Students are responsible for daily care of the fish as well as any class work that is assigned. The class is involved in real world research and students participate with scientists as they prepare and gather data. **Instructor's approval required.**

Fisheries Ecology 3A/3B (18504M) (Elective) (Grades 9-12) (1 credit)

Fisheries Ecology Management class is designed to put students in the leadership roll in the running a Fish Hatchery. Students are taught in Fisheries Ecology 1 and 2 how to run a fish hatchery and the idea behind the Leadership class is to give the student the chance to put that training into practice. Students are in charge of collecting data on fish, water quality and feeding. They are also in charge of maintenance and upkeep of all facilities. The class puts the students in a real environment where they learn all aspects of running a fish hatchery.

Physics (H) (03151) (Elective) (Grades 11-12) (1 credit)

This is a laboratory-based class, which investigates physical phenomenon. The focus is on electricity and magnetism, light and radiation, and forces and motion. There is also a focus on the scientific method of doing research through designing and conducting numerous experiments. Projects such as building generators and mortars are also included. Must have completed/or be currently enrolled in Algebra 2.

Zoology (03061) (Elective) (Grades 10-12) (1 credit)

This is an advanced biological science that prepares students who are college bound for studies in life sciences. Zoology takes a systematic look at the animal kingdom, by using examples of actual fauna from all the different phylum. Labs are especially important and the techniques highly stressed. Dissection of animals is part of the hands on experience, as well as dealing with living representatives whenever possible. This course may be taken concurrently with geology. Must have completed Biology to enroll in this class.

Anatomy & Physiology (H)/Biology 121 (03053) (Elective) (Grades 10-12) (1 credit)/(4 college credits)

This is an advanced biological science that is geared towards students who are interested in the medical field. The class examines the structure and function of the human body including all characteristics, tissue, organs, and body systems. The class covers the following systems: integumentary, musculoskeletal, nervous system, and special senses. Dissections of organs are part of the hands-on experience of the class. Students must have completed Biology to enroll in this class. **There is a fee required to earn college credit for this course.**

STEM 1A/1B (03212) (Science Elective/Elective) (Grades 9-12) (1 credit)

The STEM 1 course is designed to approach problems and issues as we would in our work and in our lives in general. The four subject areas will be applied as needed to gather information and data and used

to draw conclusions and, hopefully, find answers to complex problems and issues. Students will begin to develop skills in CAD and apply those skills to projects.

Students will have an opportunity to work with 3D Printers, CNC Routers, Vinyl Cutters, and Laser Cutters to create both physical and virtual manipulatives while studying pre-engineering, engineering, and advanced manufacturing topics. The focus of the class will be project-based inquiry learning which develops a student's ability to adapt to modern day work force skills.

STEM 2A/2B (03212) (Science Elective/Elective) (Grades 9-12) (1 credit)

Introduction to manufacturing: This class introduces students to the various methods used to process and transform materials, including using CAD skills to create products for the advanced manufacturing class to produce. Students will learn how to use a CNC router, Laser engraver, Vinyl Graphics cutter, and 3D printers.

STEM 3A/3B (03212) (Science Elective/Elective) (Grades 9-12) (1 credit)

Advanced Manufacturing will be producing products for consumer projects. This course may also include an overview of management techniques in planning, organizing, and controlling various segments of manufacturing.

SOCIAL SCIENCES

Global Studies (04051) (Required) (Grade 10) (1 credit)

Global Studies is a course designed to help students understand the major political, economic and social developments from the European Renaissance to WWI. Students will study major movements/events such as: the Renaissance, Exploration, French Revolution, Industrialism, and Imperialism in Asia, Africa, and the Americas. Students will develop skills to analyze, evaluate and make connections between these events and gain an appreciation for the various cultures we study.

U.S. History (04101) (Required) (Grade 10 or 11) (1 credit)

U.S. History is a course designed to help students understand the major political, economic and social developments of the 20th Century. Students will study major events such as: Industrialism, Progressivism, WWI, Prohibition, the Great Depression, WWII, Cold War, Civil Rights Movement and counter-culture. Students will develop skills to analyze, evaluate and make connections between these events and others in U.S. History. The focus of the class is to help students understand how these events shaped their world today.

Economics (04201) (Required) (Grade 12) (.5 credit)

This course includes: basic economic concepts, types of economics and theories, the market system, types of markets, supply and demand, circular flow, the role of government in the economy government spending, taxes, income distribution and international trade.

Government (04151) (Required) (Grade 12) (.50 credit)

This class provides students with key knowledge of function, origin and problems of government. Emphasis will be on national and state government although local government will be addressed.

History through Cinema (04101HIC) (Elective) (Grades 11-12) (1 credit)

Students will learn about U.S. and World History through the greatest movies ever made. This will allow students to assess historical knowledge visually, which is the format that they are most comfortable in. Also, the students will learn how people view history at different times through the movies they made. Ex. “The Alamo” 1955 is a very different movie than “The Alamo” 2001; by comparing them students can see how people’s view of history has changed over the years. These classes create fantastic scaffolding for the history department as it provides students with prior knowledge and visuals to tie to the lectures and readings they do in their Social Studies classes. For students that take these electives after the corresponding history class, it will serve as a strong reinforcement of their prior knowledge.

MERTS

Welding – Materials Processing (WLD 100) (Elective) (Grades 10-12) (Semester) (1 credit)

Students gain knowledge of the principles, equipment and skills necessary to identify and process varied materials utilized in the metal fabrication industry. This is a competency-based program. Course curriculum follows the AWS specifications for qualification and certification of QC Entry Level Welder. Prerequisite: Prerequisite: IT 140.

Automotive (AUTO 101) (Elective) (Grades 10-12) (Semester) (1 credit)

Advanced Students learn how to operate general shop equipment and tools; identify and respond to safety hazards; gather automotive service information effectively; and perform basic entry level tasks and repairs. Prerequisite: IT 140.

Maritime Science – Charter Boat Deckhand (Elective) (Grades 11, 12) (Semester) (1 credit)

Students develop an understanding of terminology and back deck practices including most aspects of commercial angling. Participants will also learn how to deal successfully with the public; help promote and preserve the resource and the industry by actions both on and off the job; help maintain the vessel and equipment in good working order; create a safe and pleasurable experience for the client encouraging repeat business; as well as basic seamanship skills and work ethic. **Prerequisite: instructor approval and student must pass drug screen prior to receiving certificate.**

Maritime Occupations (MAS 100) (Elective) (Grades 11-12) (Semester) (1 credit)

This course is for students who are interested in maritime occupations such as towing commercial fishing, passenger vessels, or research. Students demonstrate and apply skills in safe seamanship onboard the training vessel Forerunner while learning about the Columbia River Estuary and its user groups. Students will learn how to apply to the U.S. Coast Guard for an Ordinary Seaman Merchant Mariner’s Document.

OTHER LEARNING EXPERIENCES FOR STUDENTS

ALTERNATIVE CREDITS

Prior approval is required for all alternative credit. (e.g. special non-credited programs).

HEALTH OCCUPATIONS I/II (14001/14002) (Elective) (Grade 11-12) (1 credit)

Health Occupations is a program designed for those who are interested in a health-related career (nursing, physician, lab technician, veterinary medicine, etc.). The class focuses on the concepts of health with the opportunity to participate in two job shadow experiences, field trips, and serve 6-8 hours of community service. The class will include instruction regarding hygiene, blood pressure, stethoscopes, protective clothing, basic math applications and other related projects. **Class is held off campus two days per week. Own transportation is required.**

INDEPENDENT SERVICE PROJECT

Students may earn credit for independent service projects. The proposal must meet service standards and a review of the principal.

WARRENTON ON-LINE SCHOOL

Warrenton n-Line school offers students a full-time/part-time tuition free alternative to “traditional” high school. It follows the traditional Oregon public school calendar with fall and spring semesters. There is a fee to participate in the Warrenton On-Line School. Contact the guidance counselor for more information.

SIMULTANEOUS ENROLLMENT

Students may take classes at Clatsop Community College. The criteria for entry into this program are:

1. All simultaneous enrollments must be pre-arranged through the high school guidance office.
2. Students must complete a simultaneous enrollment form with the high school principal or counselor.
3. Students register for courses through the counselor’s office.
4. In many cases, Warrenton High School may pay the tuition with the agreement that the student or family will be required to reimburse the school if a grade of “C” or better is not earned.
5. Following successful completion with a grade of “C” or higher, the student may submit college grade/course to be added to high school transcript. Only pre-approved courses, e.g., courses higher than the high school sequence, are eligible for reimbursement. Other expenses are not eligible for reimbursement.
6. Transportation, books, and fees, must be provided by student/family.
7. Grades earned at the college can be applied to both high school and college transcripts. A letter-grade from a college grade report must be transferred as displayed on the official college grade report and college transcript. A course cannot be taken for a grade at a college, and transferred to WHS as Pass/No Credit.
8. Course content and length are considered in converting college credit to high school credit. Generally, a one-term credit college course (3 quarter credits or more) will transfer to WHS at .50 credit; however, all final decisions and approval are made by the high school principal.
9. Credit from any accredited college or university may be transferred to WHS with administrative approval. Pre-approval prior to enrollment is strongly recommended, particularly if the course is intended to fulfill a core course requirement.
10. Be aware that failure to drop a college course by the college deadline will result in an “F” on both a high school and college transcript. You may also lose a portion of your tuition, which is not reimbursable by the district.

STUDENT AIDE (Pass/No Pass Credit)

There are three types of aides: teacher aides, office aides, and library aides. No more than **one** aide period may be taken in a single semester. All requests are with administrative approval only. Freshmen and sophomores are not eligible to be student aides.

WORK EXPERIENCE (22151WE) (Pass / No Pass Credit)

Juniors and seniors at Warrenton High School have the opportunity to take advantage of a Student Work Experience Program. Students placed in work situations will fulfill learning objectives based on professionalism, job competencies/skill development, career exploration, and/or interpersonal skills on the job. Credit will be granted when students complete the required hours, seminar and seminar topics, and the work site learning objectives. Students will meet periodically through the semester to discuss

work goals. **Work experience is open to juniors and seniors that are working jobs during the school year.** Non-paid and/or paid work experience 65 hrs. = .5 credit; 130 hrs. = 1 credit. Work Experience may not be earned working with one's own family business or relative's business. Students interested in this program should talk with the work experience teacher. (Students may earn up to a maximum of total 3 credits through work experience)

Internship (22151WI) (Pass / No Pass Credit)

Juniors and seniors may earn one credit if they are selected through the summer internship program with Clatsop Works or a CTE approved internship.

UPWARD BOUND

Upward Bound is a federal TRIO program that provides fundamental college preparatory support to qualifying high school students. For information on eligibility, benefits of the program, or the application process, contact the counselor at Warrenton High School. High school credit is available for qualifying Upward Bound Summer Academy courses.

For more information:

<http://www2.ed.gov/about/offices/list/ope/trio/index.html>

EDUCATIONAL TALENT SEARCH

Talent Search, also known as Educational Talent Search, is a federal TRIO program that identifies and assists individuals who have the potential to succeed in higher education. The program provides academic, career, and financial counseling to participants as they prepare for college (grades 7-12). For information on eligibility, benefits of the program, or to apply contact the counselor at Warrenton High School.

For more information:

<http://www2.ed.gov/about/offices/list/ope/trio/index.html>

TEACHER CADETS

Teacher cadets assist in the elementary school classrooms at Warrenton Grade School for up to a two-hour block of time each day. Teacher cadets must maintain a C average.

ENGLISH AS A SECOND LANGUAGE (ESL)

English as a Second Language (ESL) courses are designed for the rapid mastery of the English language, focusing on reading, writing, speaking and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills; and then moving on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to "regular" English courses. ESL classes may also include an orientation to the customs and culture of the diversified population in the United States.

NCAA Eligibility Center

(Determines eligibility to compete in college athletics)

The Guide for the College-Bound Student-Athlete can be found at

The Eligibility Center certifies the academic and amateur credentials of all students who want to play sports at an NCAA Division I or II institution as freshmen. In order to practice, play, and receive an athletic scholarship, students need to meet certain academic benchmarks. An additional certification process exists to make sure the student is still an amateur, which is necessary in order for the student to compete.

College-bound student-athletes first entering an NCAA Division I college or university on or after August 1, 2016, will need to meet new academic rules in order to receive athletic aid (scholarship), practice or compete during their first year.

Division I – Full Qualifier

Full Qualifier: A college-bound student-athlete may receive athletic aid (scholarship), practice and compete in the first year of enrollment at the Division I college or university.

- Complete 16 core courses: Ten of the 16 core courses must be completed before the seventh semester and seven of the ten core courses must be in English, math, or science. These courses become “locked-in” at the start of the seventh semester and cannot be retaken for grade improvement.
- Minimum core-course GPA of 2.300.
- Meet the sliding scale requirement of GPA and ACT/SAT score.*
- Graduate from high school.

* to view the sliding scale, please go to: http://fs.ncaa.org/Docs/eligibility_center/Quick_Reference_Sheet.pdf

Division I – Academic Redshirt

Academic Redshirt (this classification goes into effect for student-athletes first entering an NCAA Division I college or university on or after August 1, 2016.): A college-bound student-athlete may receive athletics aid (scholarship) in the first year of enrollment and may practice in the first regular academic term (semester or quarter) but may NOT compete in the first year of enrollment. After the first term is complete, the college-bound student-athlete must be academically successful at his/her college or university to continue to practice for the rest of the year.

- Completed 16 core courses.
- Minimum Core-Course GPA of 2.000.
- Meet the sliding scale requirement of GPA and ACT/SAT score.*
- Graduate from high school.

Division I Core-Course Breakdown (Courses must appear on your list of approved core courses)

- 4 years of English
- 3 years of math (Algebra I or higher)
- 2 years of natural or physical science (1 year of lab if offered by high school)
- 1 year of additional English, math, or natural physical sciences
- 2 years of social science
- 4 years of extra core courses from any category above, or a foreign language, non-doctrinal/comparative religion/philosophy

Division II

- Graduate from high school with a minimum 2.00 GPA
- Complete a minimum of 16 core courses present a minimum 2.000 core-course grade point average (GPA)
- Present a minimum 820 SAT score (critical reading and math only) or 68 sum ACT score qualifying test score on either the ACT or SAT

Division II Core-Course Breakdown (Courses must appear on your list of approved core courses)

- 3 years of English
- 2 years of math (Algebra I or higher)
- 2 years of natural or physical science (1 year of lab if offered by high school)
- 3 additional years of English, math, or natural or physical sciences
- 2 years of social science
- 4 years of extra core courses from any category above, or a foreign language, nondoctrinal/comparative religion/philosophy

Division III

Division III does not use the NCAA Eligibility Center. Contract your Division III college regarding its policies on financial aid, practice and competition.