

# **AMITY HIGH SCHOOL**

## **2017 - 18 Course Guide**



**[www.amity.k12.or.us](http://www.amity.k12.or.us)**

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# Introduction

The purpose of this course description guide is to assist students and families in selecting the most appropriate courses during Amity High School academic program planning. Students and families are encouraged to use this guide to develop an education plan before beginning high school. All credit is awarded based on completion of minimum course requirements and seat-time requirements as established by the State of Oregon diploma requirements.

Listed courses are **projected** to be offered during the school year, if sufficient student interest exists and that necessary resources and staffing are available. Once scheduled, students will be expected to make a commitment to succeed in their classes. Students will have a one week window to discuss any wishes to change schedules.

Amity High School operates a seven-period schedule, four days a week, from 7:50am to 3:25pm.

## Diploma Requirements, Classes 2017-2019

Subject	Credit Requirements
English	4
Math (3 years of Algebra 1 or higher)	3
Science (Physical Science and Biology Required)	3
Social Sciences (Global Studies and US History Required)	3
Fine Arts (including Foreign Lang)	3
Physical Education (PE A & B Required)	1
Health Education (General and Family Health Required)	1
Electives	6
Senior Project	Transcripted
Essential Skills State Testing	Transcripted
Career Related Learning Experiences	Transcripted
<b>Total Credits</b>	<b>24</b>

### Career Related Learning Experiences

All students who graduate from an Oregon Public High School must meet the following career related learning requirements:

1. Develop an education plan
2. Demonstrate an extended application (Senior Project)
3. Participate in Career Related Learning and Experiences (CRLE's)

### Essential Skills = State Testing

All students who graduate from an Oregon Public High School must meet the following essential skills testing standards – skills deemed critical for future success:

***For the graduating class of 2018: Writing, Reading, and Math***

# Academic Program

A **Course Syllabus** will be distributed in every class at the beginning of the year, or term, describing the course content, grade system and expectations.

**Athletics and activities** are an important part of the total education plan for students. All students are encouraged to become involved in co-curricular activities that support their education plan. The Athletic Handbook describes academic and behavior standards required for participation and lists the athletic and activity programs offered.

**Good attendance** is critical for success in high school. It is the parent's responsibility to ensure that students miss school only for essential reasons and to monitor their student's progress in school. The Parent-Student Handbook describes policies and procedures to follow when a student must be absent from school.

**Courses are graded** as follows:

A = Exceptional performance

B = Above average performance

C = Average performance

D = Completed minimum requirements

F = Failure to complete minimum requirements

P = Pass

NP = No Pass (no credit is awarded and effects co-curricular participation)

**Pass/No Pass grades** are used for Teaching Aide, cadet & work experience classes; otherwise they require prior administrative approval.

**Official grades and credits** are reported at the end of each semester and become part of the student's permanent transcript. Parents and students are advised to use the internet viewer to keep up with current grades and attendance. The parent internet viewer can be found on the district home website.

**Academic Credit** is earned through completing minimum course requirements. Course credit is awarded in semester blocks only (0.5 credit per semester), provided the student earns a grade of 60% or better. See counselor for proficiency credit opportunities.

The **Honor Roll** is published two times a year and is based on the grades earned for each semester. Students must receive a minimum grade average of 3.5 for the semester and be enrolled in a minimum of five classes.

The **Grade Point Average (GPA)** is determined by adding all grade points earned and dividing by the number of graded credits. Each grade is worth:

GPA is computed at the end of each semester grading period. The cumulative grade point average is determined from the average of all grades earned in high school. Although GPA is an important factor in the college admissions process, the quality and rigor of a student's academic program is strongly considered. Some advanced courses carry an additional weight in GPA computation.

WP/AP/most College Credit Now Classes = 5 points A = 4 points B = 3 points C = 2 points D = 1 point F = 0 points
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### **Weighted Courses for 2017-18:**

- Anatomy & Physiology
- AP Literature
- AP US Modern History
- Calculus
- College Writing
- Independent Science Research
- Pre-Calculus

A **Transcript** is the official permanent academic record of a student's achievement in high school. It documents attendance, grade point average, class rank, grades, and academic awards, along with credits for all courses completed at AHS or transferred from another high school. Colleges and most scholarship programs require a transcript. All official school documents, including transcripts, will be sent by regular mail. Students who prefer certified, return-receipt service for transcripts and other school documents must prepay \$8 per mailing to cover processing and postage.

### **Diplomas - ASD Board Procedure**

All students in good standing who have successfully completed the requirements for a high school standard diploma, a modified diploma, extended diploma or a certificate of attendance may participate in graduation.

Students finishing their high school requirements at an alternative school site are not able to walk at Amity HS graduation day.

### **AHS Honors Diploma**

The Honors Diploma is an advanced academic benchmark students can obtain as they complete rigorous courses with high grades throughout their 4 years at Amity High School. This type of diploma is typically appreciated by both public and private four-year colleges.

Students must plan for advanced courses of study in a variety of subjects including English, Math, Science, Arts and Social Studies.

Minimum Expectations:

1. Student must have at least a 3.5 cumulative GPA, and no grade lower than a C in the common core classes.
2. Student must meet or exceed all State Testing Assessments including Math, Reading and Writing.
3. Evidence of two or more advanced courses of study in multiple subject areas in which the student obtained an A or B.
4. Assuming each qualifying course is offered by AHS, students must complete at least one qualifying course (see below) per academic year as possible.

#### **Qualifying AHS Honors Diploma courses:**

- Advanced in English Classes
- Anatomy and Physiology
- AP Literature
- AP US History
- Chemistry
- College Writing
- Independent Science Research Projects
- Physics
- Pre-Calculus & Calculus

# College Preparation

## **College Credit Now (CCN) Courses**

AHS has a partnership agreement with Chemeketa Community College for students to earn college credit for selected courses offered on our campus. Students will pay a \$25 fee for the entire academic year to complete any college courses available to them. We also have teachers certified through Willamette Promise to offer college credit transcribed through Western Oregon University.

## **College Credit Now Courses for 2017-18:**

- Anatomy & Physiology
- Calculus
- College Writing 121/122
- Horticulture
- Pre-Calculus
- Welding

## **Willamette Promise Course for 2017-18**

- College Writing 115
- Spanish

## **Oregon University System Admission (OUS)**

Oregon University System requires that students complete math through Algebra 2 and two credits in the same foreign language. Students must earn a C- grade or better in all college prep classes and meet GPA and SAT/ACT score requirements for admission to OUS schools. Visit [www.ous.edu](http://www.ous.edu) Enrollment Services to learn more about the Oregon University System schools and specific requirements. Chemeketa Community College offers free tuition for students achieving a 3.5 or higher GPA – see counselor for more details.

## **NCAA Division 1 and Division 2 Initial Eligibility Requirements**

Students who wish to play collegiate sports in NCAA Division 1 and Division 2, need to satisfy a number of requirements including minimum GPA, minimum SAT scores, and the completion of core courses in English, Math, Science, Social Studies, and additional academic areas. For complete information, students need to see the counselor and Athletic Director. NCAA Clearinghouse applications are available online at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).

## **Advanced Placement (AP) Courses**

AHS encourages every student to plan to take at least one AP course during high school. Every student in the AP course takes an AP test at the end of the year. If the student completes the test with a high enough score, they're awarded college credit. AP course offering will vary each year depending on student load, staffing and budgeting restrictions.

## **Advanced Placement (AP) Courses for 2017-18:**

- AP Literature
- AP U.S. Modern History

## **Early Graduation**

Students who wish to accelerate their academic program and graduate one year prior to their senior year must complete an early graduation plan by May of their sophomore year (a minimum GPA of 2.75 is required). All early graduation plans must be approved by both the counselor and principal.

## **Talented & Gifted Program**

TAG students should contact the Counselor to explore the options available to meet student rate and level of learning based on individual needs and interests.

## **Off-Site Release**

Juniors and seniors who are on track for graduation may, with parent permission, apply for the privilege of being off-site for up to 2 periods of their school schedule. Any student who has an Off-Site release is required to leave the campus during that time. The only exception will be a pre-arranged note from a staff member stating when and where they would like to meet the student.

# **Class Selection Process**

## **Step 1: Forecasting**

In early spring of each year, the counselor visits classrooms to provide students information that will guide them in class selection for the following school year. Students are asked to select classes for both semesters and indicate alternate choices for each semester.

## **Step 2: Choosing classes**

Students consult with classroom teachers, parents, and the counselor in making choices and planning educational programs. The counselor must review and approve all requests. Some classes require meeting specific grade, test score criteria, or class prerequisites.

## **Step 3: Alternate Class Selection**

It is not likely that each student will get his/her first choice in all classes. It is very important that students select alternate choices with as much thought and care as any other choice.

## **Step 4: Scheduling**

AHS administration makes many important decisions based on the forecast information from students (number of class sections, staffing, book needs, etc.) Because of this, students are expected to take the classes they request during forecasting.

## **Step 5: Changing Classes – Deadlines and Criteria**

AHS conducts class changes at registration in late August, and prior to semester 2. Changes are limited.

**Add/Drops:** Class drops or changes made after registration must be made within the FIRST week of school to avoid losing credit and/or receiving an F.

## Typical Four Year Education Plan

<b>Freshman</b>	<b>Sophomore</b>	<b>Junior</b>	<b>Senior</b>
Math	Math	Math	Math or Elective
Physical Science	Biology	Science Elective	Science Elective
P.E. (A) & Health	Elective	P.E. (B) & Family Health	Elective
English 1, English 2 or Creative Writing	English 2, Creative Writing or an Advanced Course	English 3, AP Lit or College Writing	English 4
Elective	Global Studies	US History	Government & Economics
Foreign Language / Elective	Foreign Language / Elective	Foreign Language / Elective	Foreign Language / Elective
Elective	Elective	Elective	Elective

# Course Descriptions

## ENGLISH

### English Flowchart: 2016-17

	<u>College Prep Pathway</u>	<u>Community College Pathway</u>	<u>Non-College Pathway</u>
<b>Grade 9</b>	English 2	English 1	English 1
<b>Grade 10</b>	English 3/Creative Wr.	English 2/Creative Wr.	English 2
<b>Grade 11</b>	College Writing or AP Literature	English 3, Creative Wr. Coll. Writing/ or AP Lit	English 3
<b>Grade 12</b>	English 4 and College Writing /or AP Literature	English 4 and College Writing/ or AP Literature	English 4

*College Writing is a College Credit Now Course for Writing 121 & 122*

*AP Literature is College Credit with a passing score. Each university will let you know if college credit is given for a score of a 3, 4 or 5.*

### ENGLISH 1

Grades: 9

Length of Course: Year

Prereq: None

English 1 focuses primarily on improving writing skills through relevant practice and assignments.

This course is composed of the study of:

- Writing: The Writing Process including multiple edited and revised drafts, Figurative Language, The Six Writing Traits, Five Paragraph Essays, Writing Workshop, Creative Writing, Poetry Composition, Publishing, Journal Writing
- Literature: Selected short stories, nonfiction articles, poems, novels, including *Romeo and Juliet*, *The Odyssey* and *Of Mice and Men*.
- Conventions and Vocabulary: SAT vocabulary lists, basics of grammar, punctuation, proper sentence structure, spelling, parts of speech and capitalization.
- Speech: Writing, rehearsing, and presenting formally and informally.

### ENGLISH 2

Grades: 10

Length of Course: Year

Prereq: English 1

In this course you will study literature in its various forms or genres and come to discover what constitutes quality literature. You will explore the different types of nonfiction as you examine both personal narrative and the essay. You will investigate the structure and elements of the short story, the novel, and drama. You will learn about poetry, including the various types, structures, and metrical forms of verse. In conjunction with your study of literature, you will have the opportunity to write analytically about literature as you compose essays that reflect your growing understanding of literary works. You will also create original works of fiction, nonfiction, and poetry. You will increase your vocabulary and use it to strengthen your written and oral communication, as well as work on mastering spelling, grammar, and usage. Finally, you will achieve success working both independently and in small groups.

## **CREATIVE WRITING**

Grades: 10 - 11

Length of Course: Year

Prereq: English 1

Course Description: Creative Writing is a year-long course designed for students interested in writing for publication. It will expose students to a variety of writing genres and require them to understand, analyze, imitate and then produce pieces of writing which conform to these genres. The writing process will be emphasized, as will teacher, peer and self-critique. The students will write, revise, critique, cull and publish their own creative works.

## **ENGLISH 3**

Grades: 11

Length of Course: Year

Prereq: English 2

In this course you will study literature in its various forms or genres and come to discover what constitutes quality literature. You will explore the different types of nonfiction as you examine both personal narrative and the essay. Students will learn about poetry, including the various types, structures, and metrical forms of verse. In conjunction with your study of literature, you will have the opportunity to write analytically about literature as you compose essays that reflect your growing understanding of literary works. You will also create original works of fiction, nonfiction, and poetry. You will achieve success working both independently and in small groups. Furthermore, this course will further develop skills that will promote higher SAT/ACT scores through vocabulary building, literature analysis, and advanced writing techniques. Beginning in November students will learn how to research and write a lengthy research paper. Students will then compete in a classroom debate using the information and conclusions that they arrived at in their essays. Students will also attend a Career Job Fair during the school year. They will create a resume and learn job interviewing skills.

## **COLLEGE WRITING (WR 121 & WR 122) - COLLEGE CREDIT AVAILABLE**

Grades: 11, 12

Length of Course: Year

Prereq: Listed Below

Credit: Elective or English Credit

College Credit Writing classes are coordinated through the Mid-Willamette Education Consortium in conjunction with Chemeketa Community College. This class is offered to students to allow them an opportunity to get a head start on their college education by taking their required writing classes while still in high school. Course descriptions are as follows:

- WR 121 English Composition-Exposition: this four credit class emphasizes clear, detailed informative writing, clear thinking, and active reading through argumentative writing.
- WR 122 English Composition – Logic and Style: a four credit class that focuses on the writing of logical, effective prose, awareness of stylistic elements, and critical reading; research and documentation is heavily emphasized.

The requirements for enrollment in this class are the following:

- Recommendation by an English teacher
- Satisfactory language arts grades
- Passage of the Chemeketa writing placement test (a score of 89 or better is required)
- Submission of registration forms and the class fee (\$25)

## **AP LITERATURE**

Grades: 11, 12

Length of Course: Year

Prereq: Teacher Recommendation

Credit: Elective or English Credit

This course will follow the curricular requirements outlined by the College Board. AP English Literature and Composition Course Description focuses on building skills necessary for college-level reading and writing. The texts include works from a variety of time periods and genres, and the writing assignments include in-class essays as well as formal process essays with several opportunities for revision. This is considered a college-level course, which means that students will be asked to read and analyze challenging, provocative, dense, and sometimes controversial material. Students will also be expected to come to class prepared to challenge themselves and others with interesting discussion points.

The course design is based on the premise that the AP English Literature exam measures those skills that students need in order to be successful in college. Students will work together and explore a variety of reading and writing strategies proven effective in preparing for success on the Advanced Placement English Literature exam. The course will focus on improving skill sets related to confidence and facility with language; skill in critical reading, writing, and thinking; and success in academic endeavors. All **students are encouraged to take the exam in May**. This course includes using approaches that develop skills to study and write about poetry, drama, fiction and non-fiction. This course will build on the vocabulary of rhetorical techniques you acquired last year as well as introduce additional terms of literary analysis for poetry and fiction. We will concern ourselves with the construction of style analysis covered in the AP English Literature Examination, and with several other modes of writing. Discussion of the AP examination will include test materials and student exemplars from previous examinations. We will explore the multiple-choice section to develop close reading skills and literary terms and techniques. We will also look specifically at strategies to identify tone, and how to apply critical theory to the texts we study.

## **ENGLISH 4**

Grades: 12

Length of Course: Year

English 4 is a literature course, focusing primarily on classic heroic qualities found in literature. The subject matter in this course will deal with literature reflecting global cultures. Critical analysis of plot, character, and theme will be regularly explored in the process of developing critical reading skills. The content will focus on current events and issues, as well as literature. As a writing class, writing skills will be developed in numerous areas and styles. Students will need to demonstrate mastery in essay writing, research writing, and creative writing. Public speaking will be reinforced and practiced in a number of different activities, leading up to a test of mastery in May. Seniors will also spend time planning their future. Completion of the Senior Project will also be a major focus of this class, beginning with a research paper in the fall and culminating with speeches in the spring. This project is a graduation requirement for all seniors.

# Math

## Math Flowchart: 2017-18

	<u>College Prep Pathway</u>	<u>Community College Pathway</u>	<u>Non-College Pathway</u>
<b>Grade 9</b>	Algebra I/Geometry	Basic Algebra/Algebra I	Basic Algebra
<b>Grade 10</b>	Geometry/Algebra II	Informal Geometry/Geometry	Informal Geometry
<b>Grade 11</b>	Algebra II/Pre-Calculus	Integrated Math/ Algebra II	Integrated Math
<b>Grade 12</b>	Pre-Calculus/Calculus	Financial Algebra/Pre-Calculus	Financial Algebra

### ***Pre-Calculus and Calculus are College Credit Now Courses***

The classes listed furthestmost to the left, on the above flow chart, are high school entry point classes. Students will typically follow the prescribed courses following the entry point. However, if students show they have the ability, then they can be placed in higher level classes. Students will be placed in the highest level class where they are able to show success.

### **ALGEBRA 1**

Grades: 9 - 12

Length of Course: Year

Prereq: Pre-Algebra

Credit: 1.0 Math

Content of this course includes the study of properties and operations of the real number system, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring polynomials, solving simple quadratic equations, operations with exponents and simple exponential functions, and evaluating algebraic expressions. Assessment is based on student performance on tests, quizzes, tasks, and homework. Students are required to have a calculator for use in this class.

### **BASIC ALGEBRA**

Grades: 9 - 12

Length of Course: Year

Prereq: Pre-Algebra

Credit: 1.0 Math

The content will be the same as that taught in Algebra 1, yet at a different pace with an enriched presentation. The extra time will allow for in-depth considerations of topics which students usually struggle with, like linear equations and graphing, systems of equations and quadratic functions. Additional content may include topics in statistics and/or project based units. This class is not designed to lead to Algebra 2.

### **GEOMETRY**

Grades: 9 - 12

Length of Course: Year

Prereq: Completed Algebra 1 with a C or higher

Credit: 1.0 Math

Content in this course will include properties of plane and solid figures, deductive methods of reasoning and use of logic, geometry as an axiomatic system inducing the study of postulates, theorems, and formal proofs, rules of congruence, similarity, parallelism, perpendicularity, rules of angle measurement in triangles, including trigonometry, coordinate geometry, and transformational geometry, probability and

statistics. Assessment is based on student performance on tests, quizzes, tasks, and homework. Students should plan to spend at least 30 minutes on math homework every day.

### **INFORMAL GEOMETRY**

Grades: 9 - 12

Length of Course: Year

Prereq: Completed Algebra 1 or Algebra B

Credit: 1.0 Math

Informal Geometry provides an introduction to basic geometric topics including language, classification and properties of polygons, congruence, similarity, parallel lines, area and volume, right triangle trigonometry and coordinate geometry. This course uses an informal approach, which is not dependent on formal geometric proof. Assessment is based on student performance on tests, quizzes, tasks, and homework. Students should plan to spend at least 30 minutes on math homework every day.

### **ALGEBRA 2**

Grades: 9 - 12

Length of Course: Year

Prereq: Completed Geometry with a C or higher

Credit: 1.0 Math

Content of this course includes linear functions and inequalities, quadratic functions and inequalities, exponential functions, logarithmic functions, rational functions, irrational functions, matrices, and conics. Assessment is based on student performance on tests, quizzes, tasks, and homework. Students should plan to spend at least 30 minutes of homework every day. Students are required to have a scientific calculator for use in this class.

### **PRE-CALCULUS**

Grades: 9 - 12

Length of Course: Year

Prereq: Completed Algebra 2 with a C or higher

Credit: 1.0 Math or 1.0 Elective AND College Credit Available

This college level class prepares students to take Calculus upon completion. Relations and functions are investigated graphically, numerically and symbolically. Exponential, logarithmic, polynomial, power, rational functions, trigonometry, vectors, polar coordinates, parametric, equations and complex numbers are some of the topics explored. Students should plan to spend at least 30 minutes of homework every day. Students are required to have a TI graphing calculator for this class.

### **CALCULUS**

Grades: 9 - 12

Length of Course: Year

Prereq: Completed Pre-Calc with a B or higher

Credit: 1.0 Math or 1.0 Elective AND College Credit Available

This course is designed for those students who have demonstrated mastery of algebra, axiomatic geometry, and analytic geometry. Topics include functions, limits, differential calculus, and integral calculus. Students will be able to comprehend, apply and interpret these concepts graphically, numerically, and algebraically. A considerable amount of homework is required (at least one hour per night). Assessment is based on tests, quizzes, homework and participation. Students are required to have a TI graphing calculator for this class.

**PRE-ALGEBRA**

Grades: 9 - 12

Length of Course: Year

Prereq: Teacher recommendation only

Credit: 1.0 Elective

Designed especially for students not quite ready for Algebra 1, this course provides the necessary essentials to prepare individuals for success in Algebra and beyond.

**FINANCIAL ALGEBRA**

Grades: 9 - 12

Length of Course: Semester

Prereq:

Credit: 0.5 Math

This course delves in to the practical applications of algebra in both business and personal finances. Have you considered a career in the finance sector? If so, this would be a terrific class to have on your completed transcript.

**INTEGRATED MATH**

Grades: 11 - 12

Length of Course: Year

Prereq: Informal Geometry or Geometry

Credit: 1.0 Math or 1.0 Elective

This on-line course is supervised by a math teacher. The class is designed for students needing to improve their math skills or achieve their 3<sup>rd</sup> credit of math.

# Science

Students are required to complete 3 credits of rigorous, inquiry-based, science classes in order to graduate high school.

4 and 2-year colleges strongly recommend that students take biology, chemistry and physics. These courses may be required for college admission.

## Physical Science

*Required for all 9<sup>th</sup> grade students*

## Biology

*Required for all 10<sup>th</sup> grade students*

### Honors/Advanced Electives

Anatomy & Physiology  
Chemistry  
Physics  
Independent Science Research

### Electives

Animal Production Science  
Astronomy  
Forensic Science  
Forestry  
Horticulture A and B  
Oceanography  
Veterinary Science

## PHYSICAL SCIENCE

Grade level: 9 - 12

Length: Year

Prerequisite: None

Credit: 1.0 Science

This course has been designed to be both fun and challenging, providing students with a deeper understanding of their physical universe while empowering them to make predictions about the future based on known patterns and observations. Through lab work, investigations, demonstrations, activities, lecture, and discussion, students will learn about how matter and energy interact (physics), and properties of matter and changes it undergoes (chemistry). Much of the course work will be done in class, although students should expect at home practice as well as some long-term projects.

## BIOLOGY

Grade Level: 10-12

Length: Year

Prerequisite: None

Credit: 1.0 Science

This is a standard introductory biology course. Topics will include cell biology, transport across membranes, energy processes of living things, reproduction, genetics, natural selection, development, classification and systems of living things, and ecology. Homework: 1-2 hrs/wk.

***Physical Science and Biology are required courses of study.***

The following courses may be credited to the third-year science credit requirement.

**ANATOMY & PHYSIOLOGY**

Grade level: 11 - 12

Length: Year

Prerequisite: Completion of Biology and other science courses with grades of C or better

Credit: 1.0 Science or 1.0 Elective AND 6 college science credits (optional)

Anatomy and Physiology introduces the normal structure and function of the human body from the chemical level to the organ-systems level. The course is fast-paced and information-rich but is appropriate for anyone interested in life science and/or a future career in the healthcare field. Includes lecture, activities, demonstration, student projects, and laboratory practice (including dissection). Student may obtain up to 6 college biology credits through Chemeketa Community College for a small registration fee of \$25.

**ANIMAL PRODUCTION SCIENCE offered in even numbered years**

Grades: 9 - 12

Length of Course: Semester

Prereq: None

Credit: 0.5 Science or 0.5 Elective

This course will provide students with the opportunity to explore the many aspects of the livestock industry. Animal Science develops basic knowledge and skills pertaining to livestock identification, selection, nutrition, reproduction and genetics, health management, and marketing of one or more species of farm animals. The latest biotechnological application will be included. During this course, students will study breeds of dairy cattle, beef cattle, equine, sheep, swine, and goats. Student will look at animal breeding and reproduction, housing facilities, proper management practices, and feeding and nutrition.

**ASTRONOMY**

Grade level: 10 - 12

Length: Year

Prerequisite: Completion of Physical Science or Biology with grades of C or better

Credit: 1.0 Science or 1.0 Elective

*Of all the sciences cultivated by mankind, Astronomy is acknowledged to be, and undoubtedly is, the most sublime, the most interesting, and the most useful- James Ferguson.* Topics covered include, but are not limited to: Astronomical Time Periods and Celestial Navigation; Rotational Motion and Universal Gravitation; Properties of Light and Matter; Telescopes and Technology; Special and General Relativity; Properties and Patterns of Stars; White Dwarfs, Neutron Stars, Black Holes and Gamma Ray Bursts; Dark Matter, Dark Energy and the Fate of the Universe; The Big Bang and the Beginning of Time

**CHEMISTRY offered 2018 - 2019**

Grade Level: 11-12

Length: Year

Prerequisite: C or higher in physical science

Credit: 1.0 Science or 1.0 Elective AND 4 College Credits Available

Chemistry is an experimental science that is called the central science, as chemical principles underpin both the physical environment in which we live and all biological systems. Chemistry is a prerequisite for many other courses in higher education, such as medicine, biological science and environmental science. Introductory topics will include, but are not limited to, states of matter, atomic theory, bonding, periodicity, stoichiometry, solution chemistry, and acids and bases.

### **FORENSIC SCIENCE offered 2018 - 2019**

Grade level: 11 - 12

Length: Year

Prerequisite: Passing Biology

Credit: 1.0 Science or 1.0 Elective

Do you love a good mystery? If you do, this class will help you solve those mysteries by presenting the techniques used to investigate crimes. Hands-on labs and topics include: history of forensic science, fingerprinting, hair and fiber identification, forensic anthropology, blood and its use in crime detection, toxicology studies, DNA fingerprinting, and crime scene procedures. Emphasis will be placed on solving case studies using problem solving, group work and logical thinking. Homework: 2-3 hrs/wk.

### **FORESTRY offered in odd numbered years**

Grades: 9 - 12

Length of Course: Semester

Prereq: None

Credit: 0.5 Science or 0.5 Elective

Want to learn about careers in the natural resources field? Survey topics in forestry; including forest ecology, and forest management. Students will explore concepts in soil, water quality, fisheries, and land management. Students will learn about the economic and environmental benefits of Oregon's Forests. Students will be using a variety of forest management tools to collect and analyze forest data to determine the best use of the resource.

### **HORTICULTURE A**

Grades: 9- 12

Length of Course: Year

Prereq: None

Credit: 1.0 Science or 1.0 Elective

This course is designed to help students develop a foundation for learning in the field of horticulture. Units covered in the first semester include plant cells, plant parts, genetics, plant growth and reproduction, along with various propagation techniques. These concepts are learned in a lab setting. During the second semester students apply their knowledge of plants in variety of activities and labs that provide hands on learning and the application of industry standards as they relate to the floral and green house industry. Students gain skills in growing, designing, and marketing a variety of greenhouse crops. Growing plants in our production greenhouse is a large part of the class. The class works as a collaborative team to manage a production greenhouse. Other topics covered include basic principles of soils, media and plant nutrition, insects and greenhouse crop diseases.

### **OCEANOGRAPHY offered 2017 -2018**

Grade Level: 11-12

Length: Year

Prerequisite: Passing Biology

Credit: 1.0 Science or 1.0 Elective

This course is a study of all areas of science as they pertain to the marine environment. Topics covered include the history of ocean discovery and research, Sea Floor spreading and the geology of the ocean, motions of ocean waters due to physics, the chemical makeup of ocean water, the biology of the ocean and its organisms as well as marine ecology.

Homework: 2-3 hrs/wk.

### **PHYSICS offered 2017 - 2018**

Grade level: 10 - 12

Length: Year

Prerequisite: C or higher in physical science or biology

Credit: 1.0 Science or 1.0 Elective

Physics is all around us! This is a “hands on” course that uses labs and demos to reinforce key ideas with nightly homework assigned for practice. Topics covered will center on mechanics (force and motion), but also woven throughout will be themes of the history of science (how science evolved), the nature of science (how science behaves), scientific inquiry (how to do science), and engineering design (how science is used to build technology).

### **VETERINARY SCIENCE offered in even numbered years**

Grades: 9 - 12

Length of Course: Semester

Prereq: None

Credit: 0.5 Science or 0.5 Elective

This semester class will include study of anatomy and physiology of small and large animals; proper health maintenance, sanitation and the symptoms, treatments and prevention of common diseases. Course work will include animal physical examinations, small animal handling techniques and the control of parasites and diseases. The student will gain practical experience in veterinary medicine by conducting hands on activities with livestock and will have the opportunity to investigate the field of veterinary medicine. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician.

### **INDEPENDENT SCIENCE RESEARCH**

Grade level: 9 -12

Length: Year

Prerequisite: Mature, independent work ethic, and grades of a B or higher in past courses.

Credit: 1.0 Science or 1.0 Elective AND College Credit Available PSU

There is a competitive science project circuit in Oregon which offers scholarship prizes to top winners. In the first semester, qualified and motivated students will complete an independent science research project by choosing a research topic, designing an experiment, collecting data, analyzing results, and writing a journal-style report on their research. Then, students will present their research at local, state and national science fairs and symposia during the months of February – April. Students will learn advanced research methodology, technical writing, public speaking, computer-based data collection and analysis, photo documentation and exhibit display design, Journal writing, and use of on-line and database resources.

## **Social Sciences**

### **GLOBAL STUDIES**

Grades: 10

Length of Course: Year

Credit: 1.0 Global Studies

Global Studies is the study of the relationship between people and the land. It focuses on two themes: how people use the earth and how the earth influences the way people live. Through this study the student will begin to realize the physical limitations of the natural environment as well as the human possibilities of controlling and modifying it.

## **U.S. HISTORY**

Grades: 11

Length of Course: Year

Credit: 1.0 US History

U.S. History focuses on the people and events of America's past to gain a greater understanding of present day social, economic, and political conditions. Its scope extends from Reconstruction through contemporary issues and includes predictions for the future based on previous events. Central to the course is the study of the growth and development of the United States within a democratic content.

## **AP U.S. HISTORY**

Grades: 12 only

Length of Course: Year

Prereq: 80% or higher in US History, or 90% on US History final.

Credit: 1.0 Elective

US History covers approximately 400 years of our nations past and present. The first semester begins with English colonization of North America, working through to United States industrialization. The second semester centers on the 20th Century, continuing with the development of America as a world power and concluding with a study of current events and issues in American society. Emphasis is placed on reasons for historical events and the results of these events. Homework is extensive. Preparation for the AP Exam in which students who pass can receive college credit is also a focus of the course.

## **AMERICAN GOVERNMENT**

Grades: 12

Length of Course: Semester

Credit: 0.5 Government

American Government is a semester-long course required for graduation. This class is an overview of the creation, foundation, development, and execution of the American Government. It covers the structure and function of the American system of government, the roles and responsibilities of citizen participation in the political process, and the relationship of the individual to the law and legal system.

## **ECONOMICS**

Grades: 12

Length of Course: Semester

Credit: 0.5 Economics

This course will provide students with an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. Students will be introduced to the major characteristics of the mixed market economic system in the U.S. and how basic economic questions are answered. We will also explore the area of personal finance as students prepare to graduate and take on greater financial responsibilities, decisions, and challenges.

# **Physical Education**

## **PHYSICAL EDUCATION A & B**

Grades: 9, 11 (May also be taken 10, 12 if desired)

Length of Course: Semester

Credit: 0.5 Physical Education

This activities course involves the basic rules, techniques, variations, and types of physical activities and sports. Units will include, but not be limited to: arena/flag football, volleyball, soccer, pickleball, basketball, hockey, bowling, ultimate frisbee, badminton, dance, softball, yoga, basic weight lifting and track & field.

Emphasis at the beginning of units will be focused on technique, rules, and tactics of the game. Later emphasis will be placed on understanding of the games and cooperation and teamwork of participants. This course will give students an opportunity to participate in a variety of lifelong activities and is also designed to establish or enhance the student's physical fitness level. PE A is a prerequisite for PE B, Personal Fitness, and Weight Training.

### **PERSONAL FITNESS**

Grades: 10 – 12

Length of Course: Semester

Prereq: PE (A) or Racquet Sports

Credit: 0.5 Elective

The purpose of this course is to provide students with opportunities to develop an optimal level of physical fitness while acquiring knowledge of physical fitness concepts and understanding the significance of lifestyle on one's health and fitness. This course is aimed to help the student who desires to learn skills to improve their personal fitness and wellness levels in combination with sound nutritional and exercise habits for a lifetime.

### **WEIGHT TRAINING**

Grades: 10 - 12

Length of Course: Year

Prereq: PE (A), Racquet Sports, or Personal Fitness

Credit: 1.0 Elective

This fitness course involves the basic guidelines, techniques, variations, and types of lifts and workouts. Units will include, but not be limited to: circuit training, different types of lifting sets (super, pyramid, drop, and straight), endurance, strength, power, speed, agility, cardiovascular, and plyometric training, sport specific training, and individual workout plans. Emphasis at the beginning of units will be focused on technique, guidelines, schedules, and variations of the lifts. Later emphasis will be placed on students understanding of the workouts and ability to create and maintain an individual plan. This course is an upper level course and will give students an opportunity to participate in a variety of healthy fitness activities. At the end of semester one, a C letter grade is required to remain in the class for the second semester.

### **RACQUET SPORTS**

Grades: 9 – 12

Length of Course: Semester

Prereq: None

Credit: 0.5 Physical Education

The purpose of this course is to teach the fundamentals techniques, rules, strategies, and tactics of a variety of racquet sports including but not limited to: badminton, pickle ball, tennis, lacrosse, and other racquet sports.

## **Health**

### **HEALTH**

Grades: 9

Length of Course: Semester

Credit: 0.5 Health

General Health is a personal health and wellness course designed to help you learn to choose physically healthful behaviors that will enhance your entire life. The goal of the course is the transfer of learning into living...that provides experiences with the skills you will need to make healthful behaviors a comfortable part of your daily life. The course content includes diet, food and nutrition; physical fitness

and exercise; stress management; tobacco, alcohol and other psychoactive drugs; relationships, decision making, parenting and parenting projects.

## **FAMILY HEALTH**

Grades: 11

Length of Course: Semester

Prereq: 0.5 Health

Family Health is a personal health and wellness course designed to help you learn to choose physically, mentally, emotionally and socially healthful behaviors that will enhance your entire life. This course is designed to study in depth specific areas that relate to the health of the family and specific members of that family and the dynamics at work between them. You can expect a variety of lessons from vocabulary, discussions, group projects, class presentations, role-playing, guest speakers, quizzes and tests. Opportunities to pursue individual interests related to the unit of study will be provided. The course content includes: emotional health; mental disorders; dating violence; the human life cycle from prenatal development aging, death and dying; infectious diseases, and family dynamics in families of substance abuse.

## **Languages/ Fine Arts**

### **AMERICAN SIGN LANGUAGE 1**

Grades: 9 – 12

Length of Course: Year

Prereq: None

Credit: 1.0 Fine Art or 1.0 Elective

This course is designed to introduce students to American Sign Language and the culture of deaf Americans. The visual communications skills of reception (listening) and expression (speaking) will be taught and practiced by using finger spelling (alphabet), basic vocabulary and simple ASL sentence structure. Students will be introduced to the deaf community through a series of lectures and guests in the classroom.

### **AMERICAN SIGN LANGUAGE 2**

Grades: 10 – 12

Length of Course: Year

Prereq: ASL 1

Credit: 1.0 Fine Art or 1.0 Elective

This course is designed to further develop ASL skills for smoother and more complex sign language communication. More attention to facial expression and body language is a key element that is emphasized through visual action and in-depth description. Vocabulary is increased and grammatical structure is continued as well as continuing to become more expressive. A deeper understanding of deaf culture and its influence on language and history are studied. Students will get the opportunity to interact with deaf individuals in and out of the classroom.

### **SPANISH 1**

Grades: 9 – 12

Length of Course: Year

Prereq: None

Credit: 1.0 Fine Art or 1.0 Elective

Introduction to the Spanish language and cultures through listening, speaking, reading, writing and videos/DVDs. The class requires guided conversational practice. Interpretive techniques through context are frequently used. This academic-based course focuses on gaining basic vocabulary and introduces the present and present progressive tenses. Students begin to communicate using basic ideas and vocabulary

common to familiar situations and everyday situations. Gaining vocabulary takes time and memorization. Students should plan on 15-20 minutes of homework or studying nightly. Some projects or assignments may require more time and/or research outside of class time.

## **SPANISH 2**

Grades: 9 - 12

Length of Course: Year

Prereq: Completed Spanish 1 with a C or higher

Credit: 1.0 Fine Art or 1.0 Elective

Building on the knowledge gained in Spanish 1, the students will continue to increase their knowledge of Hispanic cultures and Spanish language skills through listening, speaking, reading, writing and videos/DVDs, and use of interpretive techniques through context. Guided conversational practice method is used for instruction. This academic-based course focuses on mastering the present tense and becoming familiar with the past, future, and conditional tenses as well as the subjunctive mode. Students communicate using some original sentences and questions, relying on memorized/rehearsed material, to obtain and provide information. Some projects and assignments could require completion and/or research outside of class time. Students should plan on 15-25 minutes of studying or homework nightly.

## **INDEPENDENT STUDY SPANISH**

Grades: 9 - 12

Length of Course: Year

Prereq: Spanish Speaker

Credit: 1.0 Fine Art or 1.0 Elective

Students in this class will use their Spanish speaking skills to learn advanced Spanish communication, interpret for non-confidential conversations and tutor students learning Spanish.

# **Fine Arts/ Electives**

## **MEDIA ART 1**

Grades: 9 - 12

Length of Course: Year

Prereq: None

Credit: 1.0 Fine Art or 1.0 Elective

Students in Drawing 1 will Draw! Draw! Draw! Students will learn about the Art Elements and Principals of Design through pencil drawings. The course will develop a student skills in drawing and art interpretation. The first semester will be comprised of black and white media projects while student' familiarize themselves with color and new mediums (i.e. mixed media) during the second semester. This class has a \$5 fee for materials.

## **MEDIA ARTS 2**

Grades: 10 - 12

Length of Course: Year

Prereq: Successfully completed Drawing 1

Credit: 1.0 Fine Art or 1.0 Elective

Students in Drawing 2 will further develop technical drawing and problem solving skills while incorporating their current understanding of the Art Elements and Principals of Design. Not encouraged for students who have not taken Drawing 1. The course will challenge students' skill level and concept execution with projects that are larger in size and increased complexity. This class has a \$5 fee for

## **CERAMICS 1**

Grades: 9-12

Length of Course: Year

Prereq: None

Credit: 0.5 Fine Art or 0.5 Elective

Students will learn about the world of ceramics through hand building. Students will build boxes, clay creatures, mugs, and bowls with their hands! Students will become immersed in the terminology of ceramics and pottery. This class has a \$15 fee for materials.

## **CERAMICS 2**

Grades: 10 - 12

Length of Course: Year

Prereq: Ceramics 1

Credit: 0.5 Fine Arts or 0.5 Elective

Students will be expanding their ceramic skills by learning how to throw on the pottery wheel. Students will also strengthen their hand building skills by making ceramic pieces lighter, taller, and wider. Students will also become trained in understanding the kilns and participate in advanced firing methods. Class fee \$15.

## **ASSEMBLAGE/SCULPTURE CLASS**

Grades: 9 - 12

Length of Course: Year

Prereq: None

Credit: 0.5 Fine Art or 0.5 Elective

Students in this class will learn how to conceptualize and construct projects that can stand on their own two feet! Assemblage! Installations! Sculptors! Students will learn how the Art Elements and Principals of Design can be used in a 3-Dimensional artwork.

## **CONCERT BAND**

Grades: 9 - 12

Length of Course: Year (may be repeated for credit)

Prereq: 2 years' experience

Credits: 1.0 Fine Art or 1.0 Elective

Concert Band is open to all students with two or more years' experience on a band instrument. The Band plays Pep Band tunes at home football and basketball games, and may travel to State play-off games (this does not prevent students from playing these sports). In the winter, the band concentrates on beautiful and lively concert music to play at the many competitive festivals we travel to in the area. Qualifying bands continue on to the State Band Competition. The band also performs at all school assemblies, May Day, graduation, and other district functions. In addition, students will hone their solo capabilities through in-class mini-concerts, and competing at the District III Solo/Ensemble contest.

## **CULINARY ARTS**

Grades: 10 - 12

Length of Course: Semester

Prereq: None

Credit: 0.5 Fine Arts or 0.5 Elective

Fees: Could exceed \$20 – this is an expensive course to offer and the budget may not allow the additional expense. This course includes consumer education, nutrition and preparation of specific foods. Students learn to compare foods for quality, plan and prepare dishes, select and use equipment and understand principles of nutrition and cookery. Skills learned apply to vocational as well as personal use.

## **WELDING 1**

Grades: 10 – 12

Length of Course: Semester

Class Size Limit: 15

Credit: 0.5 Fine Art or 0.5 Elective

Fee: \$10

This class will allow you to learn many metal fabrication techniques. During this semester class you will have the opportunity to learn various types of welding, including ARC, (SMAW) Wire Feed (GMAW) and Oxy-Acetylene welding and cutting. (OAW). Besides welding, you will learn to cut metal using a variety of machines and processes – including a plasma cutter. This is a hands-on class that requires students to produce and practice welding to build the skill needed to fabricate and design a metal project.

## **ADVANCED WELDING**

Grades: 10-12

Length of Course: Semester

Class Size Limit: 15

Prereq: Welding 1

Credit: 0.5 Fine Art or 0.5 Elective

Fee: \$10

This class will allow students to use the skills that they learned in Welding I to design and construct metal project(s). Students will be using a multitude of metal shop and welding skills as they build their projects. Students will need to create a working drawing, a bill of materials for each project, and follow all safety procedures during the manufacturing process. Students will be required to submit a portfolio upon completion of the course that records their progress and skills obtained through the experience.

## **INTRODUCTION TO AGRICULTURE**

Grades: 9 – 12

Length of Course: Year

Prereq: None

Credit: 1.0 Fine Art or 1.0 Elective

Students will learn about global agriculture plants and animals. Respect and care for our natural environment is a key issue in all units. Safety in the work place is taught and demanded. Students will gain experience in agricultural sales, soil management and conservation (with hands on labs), beginning metal shop (including personal project construction) and use computer ability to build portfolios of personal skills and work experiences.

## **AGRICULTURE MECHANICS**

Grades: 10-12

Length of Course: Year

Class Size Limit: 25

Credit: 1.0 Fine Art or 1.0 Elective

This course focuses on the knowledge, hands-on skills, and work place skills applicable to construction in the agricultural industry. Major units of instruction include: personal safety, hand tools, power tools, blue print reading, surveying, construction skills in carpentry, plumbing, electricity, concrete, drywall and painting. Careers such as agricultural engineers, carpenter, plumber, electrician, concrete and safety specialists, and other related occupations will be examined. Improving workplace and computer skills will be a focus.

### **ADVANCED AGRICULTURE 1, 2, 3**

Grades: 10 – 12

Length of Course: Year

Prereq: Introduction to Agriculture

Credit: 1.0 Fine Art or 1.0 Elective

This course will build on the components learned in Introduction to Agriculture, and additional evaluation and research of most of the introductory topics learned in the first year. Students will make presentations and demonstrate parliamentary procedure to control common meeting situations. Students will be required to complete written applications of their choice as proof of their communication ability. Soil Science, Crop Science, Animal Science, Land Surveying, Competitive Speaking, Parliamentary Procedure, Ag Sales and marketing, officer training and committee participation will be available through membership in FFA. Students will develop record keeping skills through the use of AET Tracker software.

### **HORTICULTURE B**

Grades: 10-12

Length of Course: Year

Prereq: None

Credit: 1.0 Fine Art or 1.0 Elective

This course is designed to help students develop a foundation for learning in the landscape design industry. This course focuses on learning the fundamentals of landscape design drawing that are necessary to graphically communicate design ideas. Students will begin the course by designing landscapes using hand drawings and drafting techniques. The second semester students will be using computer technology and Pro Landscape Design Software to perfect their design skills. Students will learn how to effectively bid out a landscape design using financial software as well as irrigation design.

### **WOODS 1**

Grades: 9 - 12

Length of Course: Year (may be taken only first semester, but may not be taken only second semester)

Prereq: None

Credit: 1.0 Fine Art or 1.0 Elective

Fee: \$10

Woods 1 is an introduction to the shop. Students will learn about the properties of wood and its uses. Students will learn safe use of all the machines in the shop including the band saw, power sanders, drill press, sliding compound miter saw, planer, jointer and table saw. While learning the safe operation of tools, students will build several required projects, a push block for use in the shop, a birdhouse, a cutting board and a box. Students will also design and make a project on the C.N.C. Machine using 2D and 3D modeling software. Students will also have the opportunity to learn how to turn wood on the lathe making spindles and bowls. Time for elective projects is given to enhance or learn new skills. Assessment is based on safety test scores, participation and required projects and elective projects.

### **WOODS 2**

Grades: 10 - 12

Length of Course: Year

Prereq: Woods 1

Credit: 1.0 Fine Art or 1.0 Elective

Fee: \$10

Woods 2 is an advanced class, building on the skills of Woods 1. Students in Woods 2 work on more complex projects based on design and construction. Students will learn joinery including Mortise and

Tenon, Dovetail and drawer construction. Students will build a small bedside table, a stool and a chair. Assessment is based on daily participation and accomplishment of challenges.

### **WOODS 3 & 4**

Grades: 11, 12

Length of Course: Year

Prereq: Woods 2

Credit: 1.0 Fine Art or 1.0 Elective

Fee: \$10

Woods 3 and 4 are “furniture classes”. Students will choose a large furniture project and work on it throughout the year. There will be an emphasis in entering student competitions. Advanced joinery and finishing techniques will be taught. Labs will cover Dovetails, Mortise and Tenon, and other joinery techniques.

### **IMAGINE, DESIGN and BUILD - No Boys Allowed!**

Grades: 9 - 12

Length of Course: Year

Credit: 1.0 Fine Art or 1.0 Elective

Fee: \$10

“Imagine, Design and Build- No Boys Allowed” is a Woods 1 class. The projects for this class are the same as Woods 1 but extra time is given to help make students comfortable around the machines and with equipment. This class is offered to help girls with any intimidation they might feel with boys around in a shop setting. Students are free to be creative- designing and building how they want and what they want after the introductory shop safety. Students will still learn Computer Aided Drafting and Design and create projects on the schools 3D modeling machines: 3D printer and C.N.C. machine.

### **MANUFACTURING**

Grades: 10 - 12

Length of Course: Year

Prereq: Woods 1

Credit: 1.0 Fine Art or 1.0 Elective

Fee: \$10

Students in the manufacturing class will produce, market, and sell a wood based item in a student run business. A business plan will be written by the class- investors will be sought, and the product will be delivered on time. Students will learn entrepreneurial skills along with gaining knowledge of small business.

### **FILM PRODUCTION**

Grades: 10 – 12

Length of Course: Year

Credit: 1.0 Fine Art or 1.0 Elective

This elective course will focus on introducing students to the world of film production through the design, creation, and editing of video. Students in this class will learn the details of planning a production schedule, in addition to exploring the hands on skills required for effective filming and editing. Knowledge of technology and film terminology will be a core component of the class. Background knowledge of technology is a pre-requisite. Students will be responsible for the creation of a series of films commissioned by the school throughout the year. This class is also responsible for the live broadcast program. It is also building a business department to develop video projects for local businesses. After school hours will be required for this class (35-50 hours within the school year).

## **YEARBOOK**

Grades: 9 – 12

Length of Course: Year

Prereq: None

Credit: 1.0 Fine Art or 1.0 Elective

Yearbook is a production class in which students design and produce the school's yearbook. Students work in all phases of production: writing, designing, advertising, graphics, layout, photography, and distribution. Students are evaluated on their ability to meet deadlines, quality and quantity of work produced, and ability to work with others. Students must be dedicated, mature, and attend class regularly. This class will help students interested in careers in journalism and communications.

## **TECHNOLOGY**

Grades: 9 – 12

Length of Course: Year

Prereq: Teacher approval only

Credit: 1.0 Fine Art or 1.0 Elective

The technology class explores the functioning of the computers in Amity High School. Students will be prepared to repair, replace, reboot and recycle computers.

## **INTRODUCTION TO COMPUTER SCIENCE**

Grades: 9 – 12

Length of Course: Year

Prereq: Geometry

Credit: 1.0 Fine Art or 1.0 Elective

This class will give the students an opportunity to learn beginning programming and 2D game design. The course is part of the TEALS program that is backed by Microsoft. One of Amity HS's teachers will be teamed up with industry professionals to facilitate the class. Computer Science is a wide open career field in need of hundreds of thousands of people to fill the high paying positions.

## **Other Electives**

### **CADET TEACHER**

Grades: 10 - 12

Length of Course: Year (may be repeated for credit)

Prereq: Cadet Teacher signature and Counselor Approval

Credit: 1.0 Elective

Grading: Pass or Fail

Students have an opportunity to work with teachers and students at any of the three schools. Duties vary but may include helping a teacher prepare for classes, duplicating materials, grading, bulletin boards, filing, or actual one-on-one help with other students. There will be a limited number of workstations available and students are not guaranteed placement. Requirements include: 2.0 GPA, good attendance, and approval of the counselor.

## **COOPERATIVE WORK EXPERIENCE**

Grades: 11, 12

Length of Course: Year (may be repeated for credit)

Prereq: Counselor Approval

Credit: 1.0 Elective

Amity High School students may participate in a structured work program in which they are provided opportunities to develop basic job skills, positive attitudes, and work habits through meaningful work experience related to their career interests.

### Requirements:

1. Must be a Junior or Senior in good standing for graduation
2. Strong attendance record - (90% attendance or principal's and coordinator's approval.)
3. Job must be at pre-approved work site & application completed/returned to the counselor.
4. Job must coordinate daily with school schedule.
5. GPA of 2.0 or higher. (Less than 2.0 GPA only on principal and coordinator's approval.)
6. The school does not supply transportation.
7. Student cannot work for or be supervised by parent.
8. Scheduling needs to be done by the end of the first week of school and prior to 2<sup>nd</sup> semester.

**CWE is a pass/no pass course.** Participation in extra-curricular activities does not change the basic requirements for earning credit. Students who are unable or unwilling to meet these requirements should not enroll in this program.

## **SUPERVISED AGRICULTURAL EXPERIENCE (SAE)**

Grades: 9 – 12

Length: Semester

Prereq: Instructor's consent

Credit: 0.5 Elective

This course is designed to provide students with an opportunity to earn credit for agriculture-related work experience. Students are required to work closely with the instructor to maintain work and financial records, set up supervisory visits, and complete a final portfolio. Students must submit a completed Agriculture Education Tracker (AET) record book in order to earn the credit. Students must complete a minimum of 80 hours of work experience over the course of the semester. The credit can be earned for summer experiences as well.

## **FIRE SCIENCE offered in odd numbered years**

Grades: 9 -12

Length of course: Semester

Prereq: None

Credit: 0.5 Elective

Does protecting life, property and natural resources from wildfires sound like a rewarding career to you? How about using planned, controlled fire as a natural management tool to restore rare prairie plant communities on which many animals, including endangered species, depend? This course addresses the foundational skills universal to all wild-land fire fighters and career options available in the fire service. The course focuses on the effects of Wildland Fire Policy, current fire suppression strategies and tactics; weather, topography, fuel models and how each interacts to effect fire behavior. Additional topics include the Wildland fire environment as it relates to situational awareness and personal safety. This class is an overview of modern Wildland firefighting with an emphasis on understanding and applying fire line safety. Students enrolled in the class have an opportunity to attend fire school for additional training opportunities.

## **LEADERSHIP**

Grades: 9 – 12

Length of Course: Year (may be repeated for credit)

Prereq: None

Credit: 1.0 Elective

Class size: 20 students max

Leadership students will develop leadership, teamwork, problem solving, and organizational skills. Assemblies, community service, staff appreciation, homecoming, student activities, public relations, and leadership training, are just a few of the class activities. Leadership students will focus more on student-directed activities allowing students to create, execute, and evaluate their own ideas. Students will need to dedicate at least 30 hours outside the classroom to school/community service activities each quarter. Students must demonstrate commitment, personal responsibility, and focus to be successful in Leadership.

## **LATE ARRIVAL OR EARLY RELEASE**

Grades: 11 - 12

Credit: None

Seniors may have two periods total of a late arrival or early release if they are on track to graduate. Students opting for this choice are not to be in the school building during the period they are released. If the student needs to work in the library occasionally during that release period, he/she needs a note from the teacher requiring the work.

## **LIBRARY AIDE**

Grades: 10 – 12 Recommended

Prereq: Librarian Signature Required

Credit: 1.0 Elective

Graded Pass or No Pass

This course provides work experiences in the library. These include organizing and disbursing materials, operation of copy machine and assisting others with copy jobs, computerized card catalog, shelving books, keeping up library cleanliness, and assisting students in the use of all library resources. Evaluation is done by the student's performance in all library procedures.

## **OFFICE AIDE**

Grades: 10 – 12 Recommended

Prereq: Office Manager Signature Required

Credit: 1.0 Elective

Graded Pass or No Pass

Both of these courses provide practical work experiences of common duties found in offices, including: filing, answering the phone, organizing and disbursing materials, designing bulletin boards, keeping records, etc. These workstations are limited, and students must have administrative approval and includes an interview by the secretaries.

## **STUDY HALL**

Grades: 9 - 12

Credit: 1.0 Elective

Graded Pass or No Pass

The class is designed for students who truly need time to finish their assignments. We recognize the number of students who participate year around in activities. This is an opportunity to complete work during school hours. The atmosphere will be very strict for this class. Only serious students should forecast for this class. Otherwise, students will be removed immediately for being disruptive.

**TEACHER AIDE**

Grades: 10 – 12 Recommended

Prereq: Teacher Signature Required

Credit: 1.0 Elective

Graded Pass or No Pass

This assignment could include a variety of tasks including grading papers, duplicating materials, bulletin boards, filing, helping other students, etc., depending on the teacher's needs. Evaluation is on a pass/no pass basis. Students must have approval from the teacher to be able to register as an aide. (Teachers show approval by initialing student's forecast sheet.)