



# Auburn School District #408

## HIGH SCHOOL COURSE CATALOG

### 2016-2017



#### **AUBURN HIGH SCHOOL**

711 East Main Street • Auburn, WA 98002  
p: 253-931-4880 • f: 253-931-4701



#### **AUBURN MOUNTAINVIEW HIGH SCHOOL**

28900 124th Avenue SE • Auburn, WA 98092  
p: 253-804-4539 • f: 253-876-2507



#### **AUBURN RIVERSIDE HIGH SCHOOL**

501 Oravetz Road • Auburn, WA 98092  
p: 253-804-5154 • f: 253-804-5168



#### **WEST AUBURN HIGH SCHOOL**

401 West Main Street • Auburn, WA 98001  
p: 253-931-4990 • f: 253-931-4707



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## THE MISSION STATEMENT OF THE AUBURN SCHOOL DISTRICT

**“In a safe environment, all students will achieve high standards of learning in order to become ethically responsible decision-makers and life-long learners.”**

**Legal Notice:** The Auburn School District No. 408 complies with all federal rules and regulations and does not discriminate on the basis of race, color, national origin, gender, or disability, and does not tolerate sexual harassment. This holds true for all students who are interested in participating in educational programs and/or extra-curricular school activities. Any reports of alleged sexual harassment or concerns about compliance and/or grievance procedures should be directed to the school district’s title IX RCW 28A640 officer and Section 504 and ADA coordinator, Tim Cummings,, 915 4<sup>th</sup> Street Northeast, Auburn, Washington 98002. (253) 931-4932.

**Nondiscrimination for Financial Assistance Statement:** All applications for financial assistance programs, i.e., student loans, work compensation, grants, scholarships, special funds, subsidies, prizes, etc., will be considered by the Auburn School District without regard to race, color, national origin, gender, or disability.

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January 2016

Parents & Students:

The information in this course catalog is accurate as of the date and time of printing. Please note that not all courses are offered at each high school due to limitations of space, facilities, and teaching staff. Whether or not a course is offered may depend on these factors as well as on the number of students who sign up for the course.

In some instances, the Auburn School District has a program that is housed at one high school and is open to students from the other high schools. Examples of these programs include Automotive and Machinist Training and Welding. These programs are housed at Auburn High School and are open to all Auburn School District high school students. (Some prerequisites and restrictions may apply.) More information can be found in the individual course descriptions or check with your counselor for how to enroll in these programs.

Students and parents should reference directly specific information related to high school graduation and college entrance requirements. Graduation requirements may vary depending on the graduating class. Some links that might be helpful include:

<b>State Graduation Information</b>	Office of Superintendent of Public Instruction	<a href="http://www.k12.wa.us/GraduationRequirements/default.aspx">http://www.k12.wa.us/GraduationRequirements/default.aspx</a>
<b>College Entrance Requirements for Baccalaureate Institutions</b>	Washington Student Achievement Council (WSAC)	<a href="http://www.wsac.wa.gov/college-admissions">http://www.wsac.wa.gov/college-admissions</a>
<b>College Entrance Requirements for Athletes</b>	National Collegiate Athletic Association (NCAA)	<a href="http://web1.ncaa.org/eligibilitycenter/common/">http://web1.ncaa.org/eligibilitycenter/common/</a>
<b>College Information for Athletes</b>	National Association of Intercollegiate Athletics	<a href="http://www.playnaia.org">www.playnaia.org</a>

Please consult with your school’s counseling staff for more information about course offerings and the locations of courses. In addition, the counseling staff at your high school is available to answer questions about high school as well as assist with any post-high school questions you might have.

## **HIGH SCHOOL CONTACT INFORMATION**

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### **Auburn Senior High School**

Phone numbers:

Main Office	253 931-4880
Attendance Office	253 931-4886
Career/College Center	253 931-4929
Counseling Center	253 931-4719
Athletics/Activities	253 931-4888
Registrar	253 931-4876

Web site: [www.auburn.wednet.edu/ahs](http://www.auburn.wednet.edu/ahs)

### **Auburn Mountainview Senior High School**

Phone numbers:

Main Office	253 804-4539
Attendance Office	253 804-5197
Career/College Center	253 804-5195
Counseling Center	253 804-4548
Athletics/Activities	253 804-4546
Registrar	253 804-5194

Web site: [www.auburn.wednet.edu/amhs](http://www.auburn.wednet.edu/amhs)

### **Auburn Riverside Senior High School**

Phone numbers:

Main Office	253 804-5154
Attendance	253 804-5165
Counseling	253 804-5161
Career Center	253 804-5161
Athletics/Activities	253 804-5159
Registrar	253 804-5161

Web site: [www.auburn.wednet.edu/arhs](http://www.auburn.wednet.edu/arhs)

### **West Auburn Senior High School**

Phone numbers:

Main Office	253 931-4990
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Web site: [www.auburn.wednet.edu/wahs](http://www.auburn.wednet.edu/wahs)

## **Staff E-mail Addresses**

Use the first initial of first name, the last name, and @auburn.wednet.edu  
(Example: John Doe = jdoe@auburn.wednet.edu)

## **WELCOME TO AUBURN HIGH SCHOOL**

*Welcome to Auburn High School! These four years will go by quickly, so it is important to take time in preparing each step toward graduation. Selecting courses of study is an important responsibility. The classes you choose to take will prepare you for the continuation of your education in a four-year college or university, community college, vocational school, military service, or work after graduation. Your choices should be made with your future goals in mind. It is important that you consult with your parents, counselors and teachers in determining the proper courses to take to get you where you want to go.*

*This course catalog is designed to be a helpful resource as you plan your future. The instructions are clear, but you need to take the time to read them. Outlined in this document, you will find requirements for graduation, which classes count for university entrance, which classes fit into your chosen pathway, and much more. Familiarizing yourself with the process of registration and the credit requirements will make the process smooth and understandable.*

*Your counselor is skilled and experienced at advising and registering students for future classes. Please do not hesitate to ask questions or set up an appointment to get further guidance. He or she will be happy to assist you in every step of the process.*

*Auburn High is a terrific place to learn and has prepared thousands of graduates for successful experiences in college and in their careers. Careful planning and good communication are keys to your future. Have a great high school experience!*

Sincerely,



Richard Zimmerman, Principal



### **AUBURN HIGH SCHOOL**

Principal Richard Zimmerman

#### Assistant Principals

(A-E) ..... DeAnna Kilga  
(F-L) ..... Stacy Jordison  
(M-R) ..... Roger Lee  
(S-Z) ..... Lori Grimm

#### Counselors

(A-E) ..... Michaela Herrera  
(F-L) ..... Judy Lutton  
(M-R) ..... Boone Borden  
(S-Z) ..... Leslie Kiilsgaard  
(Tues, Wed AM) ..... Heidi Erdmann  
Career/College ..... Jon Morrow

Dean of Students ..... Doug Burt

Registrar ..... Arlista Holman

#### Activities/Athletics

Director ..... Bob Jones

Business Manager ..... Debbie Sumner

**WELCOME TO  
AUBURN MOUNTAINVIEW HIGH SCHOOL**

*I want to welcome each one of you to Auburn Mountainview High School. This catalog provides course descriptions that are designed to help you make important decisions about your education at AMHS. Each spring you should update and refer to your plan as you register for classes to take next school year. You will receive your personal class schedule at Lion Pride Day in late August. Developing a four-year program of study and selecting appropriate courses require careful consideration. Ask your parent/guardian, advisor, school counselor, and teachers to help you plan a high school education that best meets your immediate and future goals.*

*Within this book you will find information on graduation requirements, college admissions, and vocational technical training to consider as you develop a four-year plan that prepares you for graduation as well as continued education and training after high school. The course descriptions will guide you in selecting classes most appropriate to your plan, interests, and abilities.*

*For incoming ninth graders, this is the only catalog you will receive (keep it in a safe place). The course catalog is also available anytime online for you to look at.*

*We are excited about offering you numerous possibilities, and join you in your educational journey.*

Sincerely,



Terri Herren, Principal



**AUBURN MOUNTAINVIEW  
HIGH SCHOOL**

Principal ..... Terri Herren

Assistant Principals

(A-G) ..... Steve DuBay

(H-O) ..... Monte Eckelman

(P-Z)..... Andrea McHenry

Counselors

(A-E).....Karen Ainsworth

(F-K).....Kevin Nishimoto

(L-Rh).....Deb Landis

(Ri-Z).....Melissa Lemanski

Career/College .....Stephanie Glenisky

Dean of Students .....Thomas Ostrander

Registrar ..... Deborah Johnson

Activities Director.....Jana Thomas

Athletic Director.....Chris Carr

Business Manager .....Jaapje Kukors



**WELCOME TO  
AUBURN RIVERSIDE HIGH SCHOOL**

*The decisions you make about your course selections are extremely important. With many of your classes predetermined, the number of courses you can personally choose are limited. Your four year course selection pattern should match your future goals and interests. Your high school classes need to be a major piece of your educational foundation. Whether you are considering college, a trade school, or entering the work force after graduation, selecting appropriate courses that meet your needs is absolutely essential. I strongly urge students and parents to work together in developing their high school course strategy. Our counselors are excellent resources and will assist you through the registration process.*

*We hope that this course booklet will be a ‘user friendly’ document that will assist you with making quality decisions. If you have any questions about the process or course descriptions, please feel free to give us a call or make an appointment.*

Sincerely,



David L. Halford, Principal



**AUBURN RIVERSIDE  
HIGH SCHOOL**

Principal ..... David Halford

Assistant Principals

..... Shawna Leonard  
..... Frank Ramirez  
..... Nola Wilson

Counselors

(A - F) ..... Sam Hartt  
(G - L) ..... Veronika Holloman  
(M - Ro) ..... Daniel Polley  
(Rp - Z) ..... Karen Brown  
Career/College ..... Steve Mead

Dean of Students ..... Jon Aarstad  
Registrar ..... Ashlea Muxen  
Activities Director ..... Meri Benedict  
Athletics Director ..... Doug Aubert

Business Manager ..... Becky Thibodeau

**WELCOME TO  
WEST AUBURN SENIOR HIGH SCHOOL**

*West Auburn is unique in the Auburn School District as the alternative high school. West Auburn provides a variety of educational options/programs for students who may have been unsuccessful in past school experiences. These programs include a traditional comprehensive Day School; Learning Center, a computer based program which functions as a school within a school; Virginia Cross Native Education Center on the Muckleshoot Reservation; and Virtual, an online learning educational programs using APEX.*

*The decisions you make about your course selections at all Auburn schools are extremely important. Your high school classes need to be a major piece of your educational foundation and plans for high school graduation and beyond. Whether you are considering college, a trade school, or entering the work force after graduation, selecting appropriate courses that meet your needs is essential. Our advisors serve as an ongoing resource following the referral and registration process.*

*We hope that this course booklet will be a useful document that will assist you with making quality decisions. Please note that West Auburn does have limited course offerings from this catalog as an alternative to the comprehensive high schools. If you have any questions about the referral process or programs at West Auburn, please talk with your student's comprehensive high school counselor and feel free to give us a call to make an appointment.*

Sincerely,



Lenny Holloman, Principal



**WEST AUBURN SENIOR  
HIGH SCHOOL**

Principal ..... Lenny Holloman

Counselor ..... Francine Sullivan

Office Manager ..... Lila Jenkins

Registrar ..... Staci Ferrin

Administrative Assistant  
Attendance..... Christine Clark-Gustafson

# REGISTRATION & SCHEDULING

## INFORMATION TO STUDENTS & PARENTS

- The high schools in the Auburn School District offer a broad selection of required and elective classes providing a well-balanced educational experience. This catalog is designed to help students and parents plan a program that will meet the educational needs of each student.
- Pre-registration for classes is held each spring. Counselors come to classrooms to present the course offerings to each grade. The courses that students choose at that time are the basis for the final selection of courses to be offered. Careful thought given to class choices is essential during pre-registration to ensure appropriate course offerings and sections the following year. ***Students who fail to pre-register on time risk having to register for classes after new students have been processed.***
- This catalog will assist students, parents, teachers, and counselors in planning the academic program of all students. Included are course descriptions, minimum graduation requirements, and other pertinent information. Departments are listed separately and course descriptions include the content, grade level(s), and prerequisites.
- Course selection is a cooperative venture and should be considered in consultation with parents, teachers, and counselors. Correct class selection is essential to the success of the student's total program. It is very important that students select subjects in which they will find success and challenge. The student should assume the major responsibility of making the choice. Counselors, administrators, and teachers are available to assist.

## THINGS TO REMEMBER...

1. Enrollment in less than a full schedule will need approval from an administrator for 9<sup>th</sup> 10<sup>th</sup> and 11<sup>th</sup> grade students.
2. Students may not register for more than one P.E. class each semester.
3. Students may not register for more than one aide position per semester.
4. Zero period and seventh period offerings are outside the normal school day. Any classes offered during these times will be noted in the course description. Students need to provide their own transportation for "0" hour and "7" period classes.

## HOW TO START...

1. Determine what you need in terms of high school graduation based on your graduation year and post-high school goals.
2. Read the course descriptions. Pay close attention to prerequisites. Complete your four-year high school plan using the course recommendations listed for your ***Program of Study*** choice.
3. Use the ***"4-year Plan"/Registration Sheet—Student Copy*** to discuss your choices with your parents and teachers.
4. Transfer the information from the ***"4-year Plan"/Registration Sheet to the on-line registration.***
  - a. Always include the course code next to the course title. (see examples) Codes are found in the catalog next to the course title.
  - b. Make sure you fill in all 12 boxes for your grade level next year and future grades.
  - c. Make sure you fill in all of the alternates. **Seniors:** Please pick at least two English Alternates.
  - d. Get teachers signatures for required courses to the right of the course title/course code box.
  - e. Make sure you sign the form and print your name legibly.

Be sure to secure your parent's signature on the Course Selection Sheet as well as teacher signatures.

## SCHEDULE CORRECTION PROCEDURE

All schedule changes will only be considered for the following reasons:

- Graduation deficiency.
- Incomplete schedule.
- Lacking necessary prerequisite/misplacement (teacher/counselor initiated).
- Change in master schedule.
- Data input error or other computer errors.

All student-initiated schedule changes should be resolved prior to the beginning of the semester.

The goal of the counseling department is to have all schedule corrections completed by the **10th day of the semester**. Credit for high school courses is determined by academic performance, participation, and attendance. Missing the first ten instructional periods in a semester realistically will not allow for student success. ***Therefore, students who drop a class after the tenth day of the semester will receive a failing (F) grade for the semester. Schedule changes after the tenth day are rare and would require extenuating circumstances.***

# HIGH SCHOOL GRADUATION REQUIREMENTS

## Credit Graduation Requirements

Due to academic maturation and for the proper scope and sequence of classes, a student should attend, as a full-time student, a minimum of eight semesters beginning with grade nine. Each of the four grades is made up of two semesters. A full-time student is defined as one enrolled in a minimum of five courses per day. One-half credit is earned for each semester course successfully completed.

A student must successfully complete all the required courses for graduation. Specific course requirements are:

### CLASS OF 2017

English/Language Arts	4	credits	
Mathematics	3	credits	*A
Science	2	credits	*B
Social Studies	2½	credits	*C
Arts	1	credit	*D
Health/Fitness	2	credits	*E
Occupational Education	1	credit	*F
Total Required Credits	15½	credits	
Electives Needed for Graduation	<u>7</u>	credits	
TOTAL	22½	credits	

### CLASSES OF 2018-2020

English/Language Arts	4	credits	
Mathematics	3	credits	*A
Science	2	credits	*B
Social Studies	3	credits	*C
Arts	1	credit	*D
Health/Fitness	2	credits	*E
Occupational Education	1	credit	*F
Total Required Credits	16	credits	
Electives Needed for Graduation	<u>6½</u>	credits	
TOTAL	22½	credits	

Approved alternate courses may count for credits in the above-listed course requirements. See the *Courses Listed with Credits Met* table for more information.

\*A. Students in the Class of 2015 and beyond must complete mathematics courses in the following progressive sequence: Algebra 1, Geometry, and Advanced Algebra. In certain circumstances, an alternative math course could be used for the third credit of math in lieu of Advanced Algebra. Parents must request a meeting in which the student, parent/guardian, school counselor discuss the students' High School and Beyond Plan and the math requirements for post-secondary and career

choices. An approved consent form must be on file prior to taking the course.

See the *Courses Listed with Credits Met* table for alternatives courses for the third credit of mathematics.

- \*B. One of the science credits must be satisfied in a laboratory science. Approved courses may count towards science credit. See the *Courses Listed with Credits Met* table for a list of approved courses.
- \*C. Social studies subject area requirements include Washington State History and Government, United States History and Government, Civics, and Geography. Approved courses may count towards social studies credit. See the *Courses Listed with Credits Met* table for a list of approved courses. -
- \*D. The 1.0 credit requirement for Arts must include coursework in a fine, visual or performing art. This requirement cannot be replaced by coursework in another subject area.
- \*E. **Beginning with the students entering 9<sup>th</sup> grade in 2012 and beyond**, Students must complete a minimum of one-half credit in health. The remaining 1.5 credit must be in physical education. Students shall be excused from physical education pursuant to RCW 28A.230.050. Such excused students must satisfy physical education credit through approved courses. See the *Courses Listed by Credit Met* table for a list of approved courses.
- \*F. "Occupational Education" means credits resulting from a series of learning experiences designed to assist the student to acquire and demonstrate competency of skills under student learning goal four and which skills are required for success in current and emerging occupations. At minimum, these competencies shall align with the definition of an exploratory course in Career and Technical Education, as defined in WAC 180-51-061.

# HIGH SCHOOL GRADUATION REQUIREMENTS

## Non-Credit Graduation Requirements

In addition to required local and state credits, to be eligible to graduate in Washington, high school students must complete a High School and Beyond Plan, pass specific state examinations, and successfully complete a culminating project/portfolio.

### Washington State Examinations

The following requirements for Washington State Examinations are accurate as of the date of printing. For updated information on assessment requirements, go to [www.k12.wa.us](http://www.k12.wa.us).

Tests Required for Graduation		
Class of	Subject	Test
2015	ELA	<b>Choose 1:</b> <ul style="list-style-type: none"> <li>• Reading AND Writing HSPE*</li> <li>• ELA Washington Alternate Assessment System (WAAS) Portfolio</li> </ul>
	Math	<b>Choose 1:</b> <ul style="list-style-type: none"> <li>• Algebra 1/Integrated Math 1 EOC exam</li> <li>• Geometry/Integrated Math 2 EOC exam</li> <li>• Math Washington Alternate Assessment System (WAAS) Portfolio</li> </ul>
2016	ELA	<b>Choose 1:</b> <ul style="list-style-type: none"> <li>• Reading AND Writing HSPE*</li> <li>• Smarter Balanced ELA test (exit exam score)**</li> <li>• WA-AIM (exit exam score)**</li> </ul>
	Math	<b>Choose 1:</b> <ul style="list-style-type: none"> <li>• Algebra 1/Integrated Math 1 EOC exam</li> <li>• Geometry/Integrated Math 2 EOC exam</li> <li>• Smarter Balanced math test (exit exam score)**</li> <li>• WA-AIM (exit exam score)**</li> </ul>
2017 & 2018	ELA	<b>Choose 1:</b> <ul style="list-style-type: none"> <li>• Smarter Balanced ELA test (exit exam score)**</li> <li>• WA-AIM (exit exam score)**</li> </ul>
	Math	<b>Choose 1:</b> <ul style="list-style-type: none"> <li>• Algebra 1/Integrated Math 1 EOC exam</li> <li>• Geometry/Integrated Math 2 EOC exam</li> <li>• Smarter Balanced math test (exit exam score)**</li> <li>• WA-AIM (exit exam score)**</li> </ul>
	Science	<b>Choose 1:</b> <ul style="list-style-type: none"> <li>• Biology EOC exam</li> <li>• WA-AIM (exit exam score)**</li> </ul>

2019	ELA	<b>Choose 1:</b> <ul style="list-style-type: none"> <li>· Smarter Balanced ELA test (exit exam score)**</li> <li>· WA-AIM (exit exam score)**</li> </ul>
	Math	<b>Choose 1:</b> <ul style="list-style-type: none"> <li>· Smarter Balanced Math test (exit exam score)**</li> <li>· WA-AIM (exit exam score)**</li> </ul>
	Science	<b>Choose 1:</b> <ul style="list-style-type: none"> <li>• Biology EOC exam</li> <li>· WA-AIM (exit exam score)**</li> </ul>

Refer to the Washington State Office of Public Instruction website at <http://www.k12.wa.us/> for more information on state assessments and end-of-course examinations.

**Certificate of Academic Achievement and Certificate of Individual Achievement**

**Certificate of Academic Achievement (CAA):** Students must pass state assessments in reading, writing and math (science for students in the class of 2015 and beyond) or state-approved alternatives to earn a Certificate of Academic Achievement. State-approved alternatives include: Collection of Evidence, SAT or ACT, AP, GPA Comparison. To learn more about state-approved alternatives, please visit <http://www.k12.wa.us/assessment/CAAoptions>. State-approved alternatives may be accessed after taking the state exam in every subject area at least once. Students must take the state exam at least twice before accessing the Collection of Evidence.

**Certificate of Individual Achievement (CIA):** The CIA is only for students in special education. Students can earn a CIA by passing the HSPE-Basic, EOC-Basic, WAAS-Portfolio, WAAS-DAPE or locally-determined assessment in reading, writing, math and science.

**High School and Beyond Plan**

Each high school student must successfully create, annually review, and complete a five-year education plan for their high school experience and the year following graduation. Students in the Auburn School District will meet this requirement by using the online tool, Career Cruising. This requirement also applies to Running Start students.

Required

- Completion of interest inventory & skills assessment. Subsequent identification of at least one post-secondary goal and one career goal.
- Four-year plan for course-taking that is related to graduation requirements and the student’s interests and goals, including consideration of dual credit opportunities within such a plan.
- Research on postsecondary training and education related to one’s career goals, including comparative information on the benefits and costs of available choices.
- Identify assessments that may assist in planning or are required to achieve educational/career goals. (OSPI)
- Completion of a resume.

Recommended

- Budget for postsecondary education or training and life, based on potential education and training choices.
- Participation in a postsecondary site visit and/or work-based learning experience.
- Completion of an application for postsecondary education and training.

Graduation requirements information can be found at the Washington State Office of the Superintendent of Public Instruction’s website at <http://www.k12.wa.us/GraduationRequirements/default.aspx>

## Filling Out the “BOX PAGE”

### Why are these two pages important?

They will help you figure out what courses you need to take to graduate.

**MATERIALS: To begin, you will need . . .**  A pencil or a pen  “The Box Page” for your graduating class and  Your current transcript (grades and classes from 9<sup>th</sup> grade on)

### IMPORTANT: Remember . . .

1. Each box represents **one** semester (2 boxes = 1 full year of class).
2. Write in a course code/course title in a box. Don’t use an “X.”
3. **Do not** add boxes to a category.
4. **Cross out each class on your transcript after you’ve used it on the box page.**

*You are ready to begin!*

#### STEP 1: Washington State History Requirement

If you went to middle school in the Auburn School District, you took Washington State History in 7<sup>th</sup> or 8<sup>th</sup> grade. If you passed Washington State History in middle school, you have met the requirement. If you attended middle school elsewhere and passed Washington State History, you will need to provide proof of completion to the school’s registrar.

#### STEP 2: Cross out classes that don’t count

Look over your transcript. Cross out any classes marked with an “F” (failed) or a “NC” (no credit). You may not use these on the Box Page.

#### STEP 3: English/Language Arts

List all of your Language Arts classes in the boxes marked “Language Arts.”

#### STEP 4: Social Studies

List all of your Social Studies classes in the boxes marked “Social Studies.” These classes include

Contemporary World History	U.S. History	Civics*/Elective
<ul style="list-style-type: none"> <li>• World Studies</li> <li>• Global Issues</li> <li>• A.P. European History</li> <li>• World Geography</li> <li>• A.P. Human Geography</li> <li>• A.P. Comparative Government</li> </ul>	<ul style="list-style-type: none"> <li>• A.P. U.S. History</li> <li>• U.S. History</li> </ul>	<ul style="list-style-type: none"> <li>• A.P. U.S. Politics &amp; Government</li> <li>• Psychology 1 / 2</li> <li>• Civics</li> <li>• A.P. Psychology</li> <li>• Sociology</li> <li>• Economics</li> <li>• Washington State History (if taken in high school)</li> </ul>

\*Civics is a required course for the Class of 2018 and beyond.

#### STEP 5: Math

List all of your math courses in the boxes marked “Math.” These classes include

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Algebra 1 / 2*</li> <li>• Geometry 1 / 2*</li> <li>• Advanced Algebra &amp; Trigonometry 3 / 4**</li> <li>• Computer Science or AP Computer Science</li> </ul> | <ul style="list-style-type: none"> <li>• Beyond Advanced Algebra and Trigonometry</li> <li>• Pre-Calculus</li> <li>• A.P. Calculus</li> <li>• A.P. Statistics</li> </ul> |
|---|--|

\*Required math courses for math graduation credit.

\*\*Alternatives courses may be available for third math credit requirement.

STEP 6: Science Lab / Science

List your Lab Science courses in the first two boxes marked “Science Lab.” This includes

- Science Links
- Biology 1 / 2
- A.P. Biology
- Chemistry 1 / 2
- Physics 1 / 2
- AP Physics
- Environmental Biology
- Astronomy
- Geology
- Marine Biology
- Human Anatomy & Physiology
- Next Generation Course 1 / 2
- AP Environmental Science
- AP Chemistry/Advanced Chemistry

For the next two boxes labeled “Science (Lab/Non-lab), you may use any of the science courses listed above *or* any of the courses listed in the “Additional Courses” section on the Science Table of Contents. *You will address cross credits in step 10.*

STEP 7: P.E. / Health

1. First, fill in the box labeled “Health” (on the right) with either 9<sup>th</sup> Grade Health, CTE Health, Nutrition & Wellness, Human Survival, Anatomy/Physiology, or Preventive Medicine.
2. Next, fill in the other three boxes with any P.E. class.

STEP 8: Occupational Education

We have many courses you may use for your occupational credit. Look over your transcript for any code marked with CTE. Any of these classes count towards an Occupational Education class. Some art classes *may* also apply. Some CTE courses may meet dual credit requirements. If you can’t fill in the second Occupational Education box, then you should check the catalogue to see if you have a class that would work as a cross credit. You may also want to talk with your counselor.

STEP 9: Arts: Fine, Performing and Visual

What counts as a Fine, Visual or Performing Arts credit? Classes with ART or MUS in the course code and (some) CTE course code classes.

MEETS REQUIREMENTS:

- Ceramics
- Drawing
- Fabric Design
- Graphic Design & Production
- Jewelry
- Painting
- 2-D Art
- Visual Communications
- Digital Photography
- Acting (1-8)
- Band
- Children’s Theater
- Choir
- Guitar
- Orchestra
- Theater Productions
- Web Design
- Woodworking 5/6

STEP 10: Double check your requirements (before filling in your electives)

If you have leftover classes on your transcript that you have NOT yet crossed out, you *may* be able to fill in empty, required boxes. For each empty box, check the Course Credit Table for cross credit opportunities or check with your counselor. If you find a class listed under cross credits that is 1) on your transcript and 2) not already used and crossed out, you may use it to fill in the box.

STEP 11: Electives

If you still have courses on your transcript that you haven’t used, you may put them all in the Elective boxes. Common classes used for electives include

- Study Skills
- Any World Language course
- Leadership or Service Learning
- Office Assistant
- Teacher Assistant
- Any class can be an elective once you’ve filled core requirements



STEP 12: Double check your work.

1. Look at your transcript and find the number of credits you have earned. Multiple them by two (credits x 2).  
Write the number here: \_\_\_\_\_
2. How many boxes have you filled in? \_\_\_\_\_
3. These numbers should match. If they don't, you have made a mistake and need to double check your work.

STEP 13: Enter your current schedule

Circle boxes for your classes. We assume you will pass all your current classes.

STEP 14: Boxes still empty or uncircled?

You need to take these classes to graduate! Now fill in your course selections on your Four-Year Plan.

# 2017 HIGH SCHOOL GRADUATION CREDIT REQUIREMENTS

ENGLISH (4.0)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------

SOCIAL STUDIES (2.5)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____ YES
CONTEMPORARY WORLD HISTORY	U.S. HISTORY or AP US HISTORY	CIVICS or AP GOV'T		WA STATE HISTORY

MATH (3.0)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1 <sup>ST</sup> YEAR MATH	2 <sup>ND</sup> YEAR MATH	3 <sup>RD</sup> YEAR MATH	

SCIENCE (2.0)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LAB	LAB OR NON-LAB		

PE / HEALTH (2.0)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			HEALTH

FINE ARTS (1.0)

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

(CTE) OCCUPATIONAL REQUIREMENT MET    √ SEM 1 \_\_\_\_\_    √ SEM 2 \_\_\_\_\_

ELECTIVES (8.0)

HS Graduation Only

*OR skip these boxes and  
continue below for college*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## ADDITIONAL 4-YEAR COLLEGE ADMISSION REQUIREMENTS

SOCIAL STUDIES (.5)

WORLD LANGUAGE (2.0)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------

ALGEBRA BASED SCIENCE  
CHEM or PHYSICS (1.0)

\_\_\_\_\_ YES

SENIOR MATH  
REQUIREMENT (1.0)

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

ELECTIVES (4.5)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

GRADUATION REQUIREMENTS AND ASSESSMENTS (for counselor use):

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ELA	SCIENCE	MATH	HSBP



# SAMPLE 4 - Year Plan

(based upon 2018 graduation requirements)

Gr. 9:	1 <sup>st</sup> Semester Examples		2 <sup>nd</sup> Semester Examples		1 <sup>st</sup> Semester			2 <sup>nd</sup> Semester		
	Code	Title	Code	Title	Code	Title	T. Sign	Code	Title	T. Sign
1	LAN120	LA 9	LAN121	LA 9	<i>LAN120</i>	<i>LA 9</i>		<i>LAN121</i>	<i>LA 9</i>	
2	GEN101	Orientation	SOC101	World Stud.	<i>GEN101</i>	<i>Orientation</i>		<i>SOC101</i>	<i>World Studies</i>	
3	MAT120	Algebra 1	MAT121	Algebra 2	<i>MAT120</i>	<i>Algebra 1</i>		<i>MAT121</i>	<i>Algebra 2</i>	
4	SCI101	Sci Links	PHY100	Health						
5	ELECTIVE		ELECTIVE							
6	ELECTIVE		ELECTIVE							

Gr. 10:	Code	Title	Code	Title	Code	Title	T. Sign	Code	Title	T. Sign
1	LAN220	LA 10	LAN221	LA 10	<i>LAN220</i>	<i>LA 10</i>		<i>LAN221</i>	<i>LA 10</i>	
2	SOC202	US History	SOC203	US History 2	<i>SOC202</i>	<i>US History</i>		<i>SOC203</i>	<i>US History</i>	
3	MAT210	Geometry 1	MAT211	Geometry 2	<i>MAT210</i>	<i>Geometry 1</i>		<i>MAT211</i>	<i>Geometry 2</i>	
4	SCI202	Biology 1	SCI203	Biology 2	<i>SCI202</i>	<i>Biology 1</i>		<i>SCI203</i>	<i>Biology 2</i>	
5	ELECTIVE		ELECTIVE							
6	ELECTIVE		ELECTIVE							

Gr. 11:	Code	Title	Code	Title	Code	Title	T. Sign	Code	Title	T. Sign
1	LAN320	Amer. Lit 1	LAN321	Amer. Lit 2	<i>LAN320</i>	<i>American Lit 1</i>		<i>LAN321</i>	<i>American Lit 2</i>	
2	MAT310	Adv Algebra	MAT311	Adv Algebra	<i>MAT310</i>	<i>Adv. Algebra</i>		<i>MAT311</i>	<i>Adv. Algebra</i>	
3	SOC300	Civics	ELECTIVE							
4	ELECTIVE		ELECTIVE							
5	ELECTIVE		ELECTIVE							
6	ELECTIVE		ELECTIVE							

Gr. 12:	Code	Title	Code	Title	Code	Title	T. Sign	Code	Title	T. Sign
1	Senior English Elective		Senior English Elective							
2	SOC400	Global Iss.	ELECTIVE							
3	ELECTIVE		ELECTIVE							
4	ELECTIVE		ELECTIVE							
5	ELECTIVE		ELECTIVE							
6	ELECTIVE		ELECTIVE							

	Code	Title	My Post Secondary Plan is:
Alternate - Core			4 year college
			2 year community college
Alternate - Elective			2 year public technical
			Career School
			Other or Military
Alternate - PE			

# ALTERNATIVE CREDIT INFORMATION

## ALTERNATIVE CREDIT - GRAD REQUIREMENTS

### ALTERNATIVE CREDIT - NON-HIGH SCHOOL PROGRAMS

In order to have the Auburn School District accept credit from alternative sources, **pre-approval** must be completed. This will assure the student that the course(s) they take will translate into credit toward graduation. The district will only accept credit toward graduation for courses that have been **pre-approved**. Alternative sources of credit include, but are not limited to:

- Online Courses
- Correspondence classes
- Institutions providing and supporting specific course instruction

### Number of alternative courses accepted towards an Auburn School District Diploma:

Up to three semesters (1.5 credits) of alternative coursework may be accepted as credit toward graduation. These courses may not meet NCAA requirements.

### PRE-APPROVAL PROCESS

The method to seek pre-approval is to complete the Alternative Course Request for Graduation Credit form with the school counselor. The institution, specific course title, course syllabus, and accreditation status of the offering agency are some of the specific items that must be supplied. A course may be listed in some instances without being accepted as meeting graduation requirements. Courses not meeting graduation requirements on transcript history from a previous school district will also not be accepted as meeting graduation requirements by the Auburn School District. Posting of credits from other institutions must meet Auburn School District criteria to count toward graduation requirements.

### Evaluation criteria for course acceptance toward graduation credit:

Criteria used to determine the pre-approved acceptance of an alternative course for graduation credit include, but not limited to:

- The course is from an institution with comparable accreditation to secondary schools in the Auburn School District
- The course substantially parallels an existing offering at the 9-12 level in the Auburn School District
- The scope, sequence, and material covered substantially matches an existing 9-12 level Auburn School District course
- The rigor of the labs/activities involved match in depth, material, and setting an existing 9-12 level Auburn School District course
- The required written and produced learning activities substantially match in both time needed

to complete and benchmark expectations an existing 9-12 level Auburn School District course

### HOME SCHOOL CREDIT

Home schooling credits will be evaluated based on district criteria at the time a student wishes to enroll full time in the public school system. Home school coursework will not be accepted for graduation credit when done while concurrently working toward credit in the public school setting. A student is either a home school student receiving auxiliary credit in the public school setting or they are a public school student not taking home school credit.

### COLLEGE LEVEL CREDIT

College level coursework at an accredited institution will be accepted based on state law regarding translation of college credit into high school credit. If you are seeking to use this type of credit to meet graduation requirements, you must complete the Alternative Course Request for Graduation Credit form and have the specific course pre-approved through your school counselor.

### APPEAL PROCESS

The principal or designee is responsible for determining which credits will be recognized by the district for students enrolling from another state-approved learning program (public school, approved private school, or home school), or from out-of-state, or out-of-country. Credits from unaccredited programs or home schools shall be evaluated as listed above. Decisions of the principal or designee may be appealed to the superintendent within fifteen (15) school days of the initial decision.

# TRANSCRIPT AND COLLEGE CREDIT INFORMATION

## TRANSCRIPT INFORMATION

Transcripts will not be released without the authorization of the student, his/her parent, or guardian. Release of Transcript forms are available in the Guidance Office.

## GRADING SCALE

Grade point averages are derived from the following weighting of grades:

A = 4.0	C+ = 2.3
A- = 3.7	C = 2.0
B+ = 3.3	C- = 1.7
B = 3.0	D+ = 1.3
B- = 2.7	D = 1.0
	F = 0.0

## TRANSFER STUDENT INFORMATION

To be eligible for a diploma, transfer students must:

- ⇒ Have an official transcript of credits on file.
- ⇒ Be enrolled in a minimum of five classes.
- ⇒ Be in attendance one full semester during final year.
- ⇒ Graduates must meet *Non-Credit Graduation*

*Requirements* included in this catalog.

Students not fulfilling these requirements may make arrangements through their previous schools to graduate. Student records are kept by counselors and may be inspected upon request.

## PRIVACY ACT

The Family Education Rights and Privacy Act of 1974 requires school districts to notify parents that schools maintain official records regarding their child, which include information deemed necessary to the welfare of students and the orderly operation of schools, or information required by law and regulation.

Student records are the property of the school district, however, parents and students eighteen years of age or older may inspect the records by contacting the school principal for an appointment. Copies of school records are provided upon request for a charge of ten cents per sheet. Parents may challenge the inclusion in their student's records any information they believe inaccurate, misleading, or in violation of the student's privacy or other rights. They may request modification of the records, or enter their own statements of explanation. Concerns about the information included in the student's records are to be discussed with the principal. If the concern cannot be resolved between the parent and the principal, a fair and impartial hearing, upon the parent's written request, will be convened to review the matter.

With very few exceptions, the school will not release information regarding your child to other persons or organizations except on your written, signed consent. However, the district does specify certain directory information which may be released by the district for non-commercial use without the parent's permission. Such information is limited to the following: name, address, and telephone number; date and place of birth; grade level; school attended; major field of study; records or participation in school activities and sports; weight and height of team members; dates of attendance; awards and honors received; and most recent previous school attended.

The Act grants you the right to request that directory information regarding your child not be released without your prior consent. The rights of parents under this regulation are also extended to legal guardians, separated parents, consistent with agreements of custody, and adult students.

## DUAL CREDIT

Students in the Auburn School District may earn college credit for taking high school courses. Examples of these courses include University of Washington in the High School courses. Another example includes earning credit for earning a 3 or higher on Advanced Placement exams. Lastly, students in various Career and Technical Education courses may earn credit towards technical subjects at South Seattle Community College, Highline College, Renton Technical College or Green River Community College.

## ADVANCED PLACEMENT

Students enrolled in advanced placement courses complete college-level work and prepare for nationally-scored tests. Many colleges honor advanced placement test scores by granting credit when students enroll. Auburn School District offers the following Advanced Placement (AP) classes:

Biology	Physics	Chemistry
Calculus AB	Calculus BC	Statistics
English Lang/Comp	English Lit/Comp	European History
U.S. Gov. & Pol.	U.S. History	World Languages
Psychology	Micro/Macroeconomics	Studio Art
Human Geography	Computer Science	Music Theory
Environmental Science	Comparative Government	

## RUNNING START

Under this legislation, eleventh and twelfth grade students may apply to enroll in courses or programs in a community or technical college. The Running Start program began with the 1992-93 school year in all community and technical colleges throughout Washington State. Both high school and college credits may be obtained. Community and technical college grades will be included in the student's records and posted on their high school transcript.

To assist the school district in planning, a student must inform the district of his/her intent to apply for admission to a community or technical college for credit. Transportation to and from the college is the responsibility of the student. Students should contact their high school counselor to learn the rules and regulations pertaining to this Running Start legislation.

## EARN COLLEGE CREDITS THROUGH DUAL CREDIT (formerly Tech Prep)

Auburn School District has agreements with Green River Community College, Highline Community College, Renton Technical College and Seattle Central Community College that allow students to earn FREE college credit while taking classes in high school. Students must satisfy the class competencies earning a "B" or better in the class. The colleges review the students' high school transcript to determine the amount of credit to be transcribed. Colleges may charge a fee for reviewing the transcript. Teachers of dual credit (Tech Prep) classes can provide up-to-date information on this program.

## DUAL CREDIT ARTICULATED COLLEGE COURSES *(pending finalization)*

Tech Prep Programs, Courses, and Credits may change during the school year as the articulation agreements are updated. For the most current information on specific Tech Prep courses and their requirements, consult with the high school instructor or career counselor. **Green River Community College (GRCC), Renton Technical College (RTC), Highline Community College (HCC), Seattle Central Community College (SCCC)**

Program Area	High School Course	GRCC	RTC	HCC	SCCC
<b>AUTOMOTIVE</b> (Program at AHS)	Automotive Technology (Program at AHS)	X	X		
	Beginning Auto Tech	X	X		
	Advanced Auto Tech	X			
<b>BUSINESS EDUCATION</b>	Accounting 1 & 2	X	X	X	
	Digi Tools	X	X	X	
	MOS 1 or 2 or 3 & Advanced Computer Applications	X	X	X	
	MOS 1 or 2 or 3 (Must have Microsoft Office Word Certificate or Equivalent Skill)	X	X	X	
	Law and Society		X		
	Business Math	X	X		
<b>CARPENTRY</b>	Woodworking and Design 1	X			
	Woodworking and Design 2	X			
	Woodworking and Design 3 & 4	X			
	Woodworking and Design 5 & 6	X			
<b>COMPUTER NETWORKING</b>	Computer Systems Engineer 1 -2	X	X	X	
	Computer Systems Engineer 3-4	X			
	Computer Network Engineer 1-2	X	X		
	Computer Network Engineer 3-4	X			
	WWW Publishing I & II	X			
<b>CULINARY ARTS</b>	Beginning Culinary Arts		X		
	Advanced Culinary Arts		X		
<b>DRAFTING / ENGINEERING</b>	Drafting Engineering Tech 1 & 2	X	X	X	
	Drafting Tech 1 (1 semester)		X		
	Drafting Tech 2 (1 semester)	X			
	Drafting Tech 1 & Drafting Tech 2	X	X		
	Drafting Engineering 3 & Drafting Engineering 4	X	X		
<b>ELECTRONICS</b>	Electronics 1 & 2 or Electronics 3 & 4		X		
<b>FAMILY &amp; CONSUMER SCIENCE</b>	CTE 211 Careers with Children	X	X	X	
	CTE 212 Careers with Children	X	X	X	
	CTE 213 Careers with Children	X	X	X	
	CTE 214 Careers with Children	X			
	CTE 214.1 Careers with Children	X			
	CTE 214.2 Careers with Children	X			
	CTE 214.3 Careers with Children	X			
	CTE 214.4 Careers with Children	X			
	CTE 201 & CTE 202 Careers in Education	X		X	
<b>HEALTH</b>	Advanced Sports Medicine		X	X	
	Anatomy & Physiology		X		
	Sports Medicine		X	X	
<b>MARKETING</b>	Entrepreneurship	X			
	Marketing 1 & 2 & Marketing 3 & 4	X			
	Marketing 1 & 2 & Marketing 5 & 6	X			
	Marketing 1 & 2 & Marketing WBL	X			
	Marketing 1 & 2 & Store Operations 3 - 4	X			
<b>METALS</b> (Program at AHS)	Welding Technology	X	X		
	Machinist Training	X	X		
<b>World Language</b>	American Sign Language				X
<b>VISUAL COMMUNICATIONS</b>	Visual Communications 1 & 2			X	
	Graphic Design 1 & 2			X	
	Drawing 1 & 2			X	
	WWW Publishing			X	

# NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



## NCAA Division I Initial-Eligibility Requirements

### **Core Courses: (16)**

- **Initial full-time collegiate enrollment *before* August 1, 2016:**
  - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
  - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
    - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
      - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
  - *Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).*

### **Test Scores: (ACT/SAT)**

- Students must present a corresponding test score and core-course GPA on the sliding scale (see Page No. 2).
  - **SAT:** critical reading and math sections.
    - Best subscore from each section is used to determine the SAT *combined* score for initial eligibility.
  - **ACT:** English, math, reading and science sections.
    - Best subscore from each section is used to determine the ACT *sum* score for initial eligibility.
- All ACT and SAT attempts *before* initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.**

### **Core Grade-Point Average:**

- Only *core courses* that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)) will be used to calculate your core-course GPA. Use this list as a guide.
- **Initial full-time collegiate enrollment *before* August 1, 2016:**
  - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A (see Page No. 2).
  - Core-course GPA is calculated using the **best 16 core courses** that meet subject-area requirements.
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
  - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
  - Core-course GPA is calculated using the **best 16 core courses** that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.

<b>DIVISION I Core-Course Requirement (16)</b>	
4	years of English
3	years of math (Algebra I or higher)
2	years of natural/physical science (1 year of lab if offered)
1	year of additional English, math or natural/physical science
2	years of social science
4	years of additional courses (any area above, foreign language or comparative religion/philosophy)

<b>DIVISION I – 2016 Qualifier Requirements</b>	
<i>*Athletics aid, practice, and competition</i>	
•	16 core courses <ul style="list-style-type: none"> <li>○ Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, math or natural/physical science.               <ul style="list-style-type: none"> <li>▪ "Locked in" for core-course GPA calculation.</li> </ul> </li> </ul>
•	Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
•	Graduate from high school.

<b>DIVISION I – 2016 Academic Redshirt Requirements</b>	
<i>*Athletics aid and practice (no competition)</i>	
•	16 core courses <ul style="list-style-type: none"> <li>○ No grades/credits "locked in" (repeated courses after the seventh semester begins may be used for initial eligibility).</li> </ul>
•	Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B (see Page No. 2).
•	Graduate from high school.



<b>Sliding Scale A</b>		
<i>Use for Division I prior to August 1, 2016</i>		
<b>NCAA DIVISION I SLIDING SCALE</b>		
<b>Core GPA</b>	<b>SAT</b> Verbal and Math ONLY	<b>ACT Sum</b>
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

<b>Sliding Scale B</b>		
<i>Use for Division I beginning August 1, 2016</i>		
<b>NCAA DIVISION I SLIDING SCALE</b>		
<b>Core GPA</b>	<b>SAT</b> Verbal and Math ONLY	<b>ACT Sum</b>
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.299	910	76
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86

For more information, visit [www.eligibilitycenter.org](http://www.eligibilitycenter.org) or [www.2point3.org](http://www.2point3.org).

# NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



## Division II Initial-Eligibility Requirements

### Core Courses

- **Division II currently requires 16 core courses.** See the chart below.
- **Beginning August 1, 2018**, to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-course requirement.

### Test Scores

- **Division II** currently requires a minimum SAT score of 820 or an ACT sum score of 68. **Beginning August 1, 2018**, Division II will use a sliding scale to match test scores and core-course grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

### Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)). Only courses that appear on your school's approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- The current **Division II** core GPA requirement is a minimum of 2.000. **Division II** core GPA required to be eligible for competition on or after August 1, 2018, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- The minimum **Division II** core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

#### **DIVISION II 16 Core Courses**

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 3 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

<b>DIVISION II COMPETITION SLIDING SCALE</b>		
<i>Use for Division II beginning August 1, 2018</i>		
<b>Core GPA</b>	<b>SAT</b> Verbal and Math ONLY	<b>ACT Sum</b>
3.300 & above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
2.825	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.475	730	60
2.450	740	61
2.425	750	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & above	70 & above

<b>DIVISION II PARTIAL QUALIFIER SLIDING SCALE</b>		
<i>Use for Division II beginning August 1, 2018</i>		
<b>Core GPA</b>	<b>SAT</b> Verbal and Math ONLY	<b>ACT Sum</b>
3.050 & above	400	37
3.025	410	38
3.000	420	39
2.975	430	40
2.950	440	41
2.925	450	41
2.900	460	42
2.875	470	42
2.850	480	43
2.825	490	44
2.800	500	44
2.775	510	45
2.750	520	46
2.725	530	46
2.700	540	47
2.675	550	47
2.650	560	48
2.625	570	49
2.600	580	49
2.575	590	50
2.550	600	50
2.525	610	51
2.500	620	52
2.475	630	52
2.450	640	53
2.425	650	53
2.400	660	54
2.375	670	55
2.350	680	56
2.325	690	56
2.300	700	57
2.275	710	58
2.250	720	59
2.225	730	60
2.200	740	61
2.175	750	61
2.150	760	62
2.125	770	63
2.100	780	64
2.075	790	65
2.050	800	66
2.025	810	67
2.000	820 & above	68 & above

For more information, visit the NCAA Eligibility Center website at [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

# MINIMUM COLLEGE ADMISSION STANDARDS FOR WASHINGTON STATE PUBLIC FOUR-YEAR COLLEGES

## The Washington Student Achievement Council Sets Minimum Standards

The Washington Student Achievement Council (WSAC) has responsibility to: establish minimum admission standards for four-year institutions. (RCW 28B.77.020, Section 7.a). The standards apply to students who aspire to enter a baccalaureate institution directly from high school. They spell out the numbers and types of high school credits needed to qualify for college admission. These required courses are known as the College Academic Distribution Requirements (CADR). Completing the CADR courses does not guarantee admission to one of the state's six baccalaureate institutions (Central Washington University, Eastern Washington University, the Evergreen State College, University of Washington, Washington State University, Western Washington University). The CADR courses are one of a number of criteria institutions consider when making admissions decisions, students should obtain admission information directly from the institution they wish to attend.

**NOTE: Requirements may be changed at any time. Students should check college websites for most recent information. More information about college admission requirements can be found at <http://www.wsac.wa.gov/college-admissions>.**

## Minimum College Admission Standards—An Overview for Students and Parents

*Previous minimum college admissions standards used the term 'year' to designate completion of what is now referred to as 'one credit' of high school coursework. The use of 'credit' recognizes that school districts may use alternative or block scheduling that permits students to earn a full credit in a given subject area in less than an academic year.*

### For students entering college or university:

#### College Academic Distribution Requirements (CADRs) Coursework

(See details at <http://www.wsac.wa.gov/college-admissions>)

Students are encouraged to take a minimum of three credits of CADR courses each year of high school, including the senior year.

Students who take college-level coursework and complete 5 quarter credits or 3 semester credits, will have earned the equivalent of one CADR credit. In addition, pre-college courses in English and math may be equivalent to CADR courses, provided they are designed to meet the same learning outcomes as the high school courses for which they substitute.

Students may meet high school requirements with courses taken in middle school, provided the courses are part of a sequence which is successfully continued in high school, or the courses are included on the high school transcript as high school-level courses.

**English – 4 credits** including 3 credits of college preparatory composition or literature. One credit may be satisfied by courses in drama as literature, public speaking, debate, journalistic writing, business English, English as a Second Language, or Learning Support English. Passing the state mandated high school assessment in Reading is equivalent to earning the first 2 CADR credits of high school English.

**Mathematics – 3 credits:** Algebra I, geometry, and Algebra II (intermediate algebra), or Integrated Math I, II, and III. Passing the state mandated high school assessment in math is equivalent to earning the first 2 CADR credits of high school math (Algebra I & Geometry or Integrated Math I and II).

**Note:** Successful completion of math through pre-calculus meets the requirement for 3 credits of math and the senior-year math requirement (below).

#### Senior Year Math-Based Quantitative Course:

During the senior year of high school, students must earn a credit in a math-based quantitative course. This requirement may be met through enrollment in one of the three required math courses listed above; by completing a math-based quantitative course like statistics, applied math, appropriate career and technical courses, a senior year AP Computer Science course, or by completing an algebra-based science course taken during the senior year that would satisfy this requirement and part of the science requirement below.

**Note:** The senior-year math requirement does not mean a 4th credit of math is required, nor does it require a higher level of math; the intent is for seniors to take meaningful math.

**Exception:** Completion of higher-level math prior to the senior year exempts students from the senior-year quantitative course requirement (e.g., pre-calculus, math analysis, or calculus).

**Science – 2 credits** of laboratory science are required for admission to public baccalaureate institutions beginning summer of 2010. One credit must be in an algebra-based science course as determined by the school district. One credit must be in biology, chemistry, or physics (this course may also meet the algebra-based requirement). Principles of technology courses taught in Washington High Schools may satisfy the laboratory science requirement.

**Note:** Western Washington University specifies that one credit must be an algebra-based chemistry or physics course.

**World Languages – 2 credits** must be earned in the same World Language, Native American language, or American Sign Language. Schools may award credit based on a district approved competency assessment consistent with the State Board of Education policy and American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

**Note: A World Language course taken in middle school may satisfy one credit of the requirement if the second year level course is completed in high school grades 9-12.**

**Social Science – 3 credits** of history or other social science (e.g. anthropology, contemporary world problems, economics, geography, government, political science, psychology).

**Arts – 1 credit** of fine, visual, or performing arts - or 1 additional credit in other CADR academic subject areas as defined above. Acceptable coursework in the fine, visual, or performing arts includes art appreciation, band, ceramics, choir, dance, dramatics performance and production, drawing, fiber arts, graphic arts, metal design , music appreciation, music theory, orchestra, painting, photography, print making, or sculpture.

**Note: The University of Washington and Western Washington University specify one-half credit in fine, visual or performing arts. The other half may be in the arts or in an academic elective.**

(Revised 9/2014)

**Students should consult with their local high school to obtain complete information about minimum college admission standards, and to be aware of which courses at their high school meet CADR guidelines, as determined by the local school district. Students should check college websites for most recent information. More information about college admission requirements can be found at <http://www.wsac.wa.gov/college-admissions>.**



## PROGRAMS OF STUDY

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A Program of Study is a guidance document for students and families planning for high school and post-secondary goals which include academic core and career and technical education options. Successful completion of a Program of Study produces a high school graduate with all options open to them; they will have met standard requirements to apply to a 4 year university or a 2 year community college **AND** they will have completed a sequenced study in a CTE area that better prepares them for success at a technical school or direct entrance into the workforce. Each of the 21 Programs of Study available to Auburn School District students identifies livable to high wage careers so that students can prepare themselves for success in life after high school and in a global economy.

Completion of any of the Programs of Study help students meet the Personalized Pathway graduation requirement. A Personalized Pathway consists of related courses that lead to a specific post high school career or educational outcome chosen by the student based on the student's interests and High School and Beyond Plan. Programs of Study allow students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework in high school, and apply those credits toward a college degree and/or professional certificate.

Copies of the Programs of Study can be found on the pages that follow and on the Auburn School District College and Career Readiness Pathway page.







# Administrative Support Program of Study



## Education Planning Guide for Middle School and Beyond

*This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.*

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							STEM Fundamentals of IT	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	1.5 Credits from Fitness Courses	1.0 Credit from Fine Arts or Course Equivalencies	Digitools*	Orientation or Career Choices	
10	Language Arts	U. S. History	Biology	Geometry				Advanced Computer Applications*	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	
11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig				Microsoft Office Specialist 1, 2*		
		Psychology 1								
12	Senior English Electives	Global Issues (.5)	Physics	AP Statistics or Pre-Calculus				Microsoft Office Specialist 3*		
		Psychology 2								

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
		To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  Professional Educational Secretary School Secretary Secretary Administrative Clerk	Renton Technical College <a href="#">Administrative Office Management</a> <a href="#">Executive Assistant</a> <a href="#">Legal Secretary</a> <a href="#">Medical Receptionist</a> <a href="#">Computer Applications</a>  Green River Community College <a href="#">Office Support</a> <a href="#">Business Applications Specialist</a>  Highline Community College <a href="#">Administrative Assistant</a> <a href="#">Project Administration</a>	Renton Technical College <a href="#">Administrative Office Management</a> <a href="#">Computer Applications</a> <a href="#">Supervision and Management</a>  Green River Community College <a href="#">Administrative Assistant</a> <a href="#">Business Applications Specialist</a>  Highline Community College <a href="#">Administrative Management</a> <a href="#">Associate of Business</a>

*The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.*



# Administrative Support Program of Study

## Education Planning Guide for Middle School and Beyond

The Administrative Support Program of Study prepares individuals to perform the duties of administrative assistants, secretaries and transcriptionists. Students develop proficiency in using word processing, spreadsheet, database, publishing and presentation software. They use the computer to manage data, work with numbers, and write reports and gain a solid foundation in business principles.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Executive Secretaries and Administrative Assistants	372	\$53,591 yr.
Medical Records and Health Information Technicians	207	\$39,690 yr.
Office and Administrative Support Workers	344	\$36,479 yr.
File Clerk	92	\$31,241 yr.
Receptionists and Information Clerks	1,070	\$29,962 yr.
Medical Secretary	616	\$39,680 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Digitools	5	Green River Community College	BUS E 101
	1	Renton Technical College	APP 105
MOS 1, 2, 3	13	Green River Community College	BUS E 100, BUS E 111, BUS E 112
	20	Highline Community College	BTECH 106, BTECH 111, BTECH 208, BTECH 217
	20	Renton Technical College	ACCT 132, APP 115, APP 116, APP 117, APP 120, APP 121, APP 125, APP 126, APP 145, APP146

### Industry Certification Options

Industry certification provides a documented record of achievement of proficiency in meeting industry standards in a program area. Microsoft Office Specialist (MOS) certification is available to students in the various computer applications including Word, Excel, PowerPoint and Access. See your Career and Technical Education teacher for more information.

### Student Leadership Development



Technology Student Organization supports the development of information technology skills. Programs and activities are tailored to the specific career interest of students and includes technical skills, basic scholastic and communication skills, human relations and employability skills, with a strong emphasis on technology.

For additional leadership opportunities at your high school, please contact a Career and Technical Education teacher.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com).

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Aerospace Assembly Program of Study



## Education Planning Guide for Middle School and Beyond

*This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Science, Technology, Engineering and Math career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.*

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade and these electives →							STEM Robotics, STEM Pre-Engineering or STEM Construction 1 and 2	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	1.5 Credits from Fitness Courses	Health (.5)	1.0 Credit from Fine Arts or Course Equivalencies	Power, Energy and Transportation 1 and Advanced	Career Choices or Orientation	<b>Credit Requirements (22.5 credits total):</b> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits - Math 2.0 credits - Science 1.5 credits - Fitness 0.5 credits - Health 1.0 credits - Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
10	Language Arts	U. S. History	Biology	Geometry				Electronics 1 and 2*		
11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig				Aerospace Assembly 1*		
12	Senior English Electives	Global Issues (.5)	Physics	AP Statistics or Pre-Calculus				Aerospace Assembly 2*		
									Minimum of two years of the same world language are required for students planning to enroll at a four-year university	

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to:  <a href="#">Apprenticeship Registration &amp; Tracking</a> Aircraft Interiors Assembly Mechanic (1828) Aircraft Mechanic Airframe (1828) Assembly Machinist (173) Composite Manufacturing Specialist (1828) Industrial Electronics Maintenance Technician (154)	<b>Renton Technical College</b> <a href="#">Air Washington</a>  <b>Green River Community College</b> <a href="#">Aerospace and Advanced Manufacturing Technology</a>	<b>Green River Community College</b> <a href="#">Associate in Science</a>  <b>Highline Community College</b> <a href="#">Engineering</a>	Central Washington University <a href="#">Aviation</a>

*The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local college.*



# Aerospace Assembly Program of Study

## Education Planning Guide for Middle School and Beyond

The Aerospace Assembly program prepares students for the highly technical and rewarding careers within aerospace manufacturing field. Students learn aircraft familiarization, aircraft drawings and work instructions, assembly hand tools, precision measuring and aviation materials and processes.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Validation Engineers	44,800	\$90,580 yr.
Electronics Engineering Technicians	16,800	\$58,670 yr.
Manufacturing Engineering Technologists	16,800	\$58,670 yr.
Materials Engineer	8,100	\$84,550 yr.
Robotics Technicians	3,200	\$51,220 yr.
Aerospace Engineering and Operations Technician	1,700	\$61,460 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Welding 1, 2	8	Renton Technical College	WELD 102
	6	Green River Community College	WELD 141, WELD 194
Aerospace Assembly 1, 2	15	Renton Technical College	MTEC 121, MTEC 123
	13	Green River Community College	MFG 101
Electronics 1-2	4	Renton Technical College	CNT 111

### Industry Certification Options

Industry certification provides a documented record of achievement of proficiency in meeting industry standards in a program area. Tooling U certifications are available to students focused on this Program of Study. See your Career and Technical Education teacher for more information.

### Student Leadership Development



Skills USA serves high school and college students enrolled in training programs in trade, technical and skilled service occupations. Programs include local, state and national competitions in which students demonstrate occupational skills, leadership, teamwork, citizenship, and promotes involvement in community service activities.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [mapyourcareer.org](http://mapyourcareer.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com) or [www.mapyourcareer.org](http://www.mapyourcareer.org).

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Architecture and Construction Program of Study



## Education Planning Guide for Middle School and Beyond

*This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Science, Technology, Engineering and Math career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.*

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							STEM Robotics or STEM Construction 1 and 2 or STEM Pre-Engineering	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	1.5 Credits from Fitness Courses	1.0 Credit from Fine Arts or Course Equivalencies	Engineering Design & Architecture 1, 2*	Career Choices or Orientation	<b>Credit Requirements (22.5 credits total):</b> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits - Math 2.0 credits - Science 1.5 credits - Fitness 0.5 credits - Health 1.0 credits - Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
10	Language Arts	U. S. History	Biology	Geometry				Engineering Design & Architecture 3*	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	
11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig				Engineering Design & Architecture 4* or Woodworking and Design 1, 2*		
12	Senior English Electives	Global Issues (.5)	Physics	AP Statistics or Pre-Calculus				Engineering Design & Architecture Contract Study* or Woodworking and Design 3, 4*		

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  Brick Layer Bridge Carpenter Cabinet Maker Construction Equipment Operator Drywall Finisher Roofer	Renton Technical College <a href="#">Commercial Building Engineering</a> <a href="#">Computer Aided Drafting</a> <a href="#">Construction Management</a> <a href="#">Engineering Design Technology</a> <a href="#">Seattle Central Community College</a>  Green River Community College <a href="#">Carpentry Technology</a> <a href="#">Design Drafting Technology</a>	Green River Community College <a href="#">Associate in Science</a>  Highline Community College <a href="#">Associate in Science, General Engineering</a>	University of Washington <a href="#">College of Engineering</a>  Central Washington University <a href="#">Engineering Technology, Safety and Construction</a>  Washington State University <a href="#">Construction Management</a>

*The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.*



# Architecture and Construction Program of Study

## Education Planning Guide for Middle School and Beyond

The Architecture and Construction program prepares students for the highly technical and rewarding careers within engineering, architecture, construction, design, or animation fields. Students learn to develop skills in designing and drafting using the latest technology, including 3-D modeling and computer aided design (CAD).

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Construction Manager	120,400	\$84,240 yr.
Civil Engineer	104,400	\$77,990 yr.
Architect	50,900	\$73,340 yr.
Architectural and Civil Drafter	1,006	\$57,398 yr.
Construction Workers	554	\$40,045 yr.
Finish Carpenters/Cabinetmakers	580	\$38,312 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Woodworking and Design 1	3	Green River Community College	CARP 101.2
Woodworking and Design 2	2	Green River Community College	CARP 102.1
Woodworking and Design 3, 4	3	Green River Community College	CARP 102.2
Woodworking and Design 5, 6	4	Green River Community College	CARP 146
Engineering Design & Architecture 1, 2, 3	5	Highline Community College	DRAFT 224
	17	Green River Community College	DT101, DT110, DT141, DT142
	19	Renton Technical College	DFT101, DFT106, DFT113, DFT121

### Industry Certification Options

Industry certification provides a documented record of achievement of proficiency in meeting industry standards in a program area. Woodwork Career Alliance, Precision Exams and NCCR certifications are available to students focused on this Program of Study. See your Career and Technical Education teacher for more information.

### Student Leadership Development



Skills USA serves high school and college students enrolled in training programs in trade, technical and skilled service occupations. Programs include local, state and national competitions in which students demonstrate occupational skills, leadership, teamwork, citizenship, and promotes involvement in community service activities.



The Technology Student Association (TSA) is the only student organization devoted exclusively to the needs of students engaged in science, technology, engineering and mathematics (STEM). Open to students enrolled in or who have completed technology education courses, TSA's membership includes over 200,000 middle and high school students in over 2,000 schools spanning 49 states. Members learn through exciting competitive events, leadership opportunities and much more.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [mapyourcareer.org](http://mapyourcareer.org), Fast Web [www.FastWeb.com](http://www.FastWeb.com) or [www.mapyourcareer.com](http://www.mapyourcareer.com).

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Automotive Technology Program of Study



## Education Planning Guide for Middle School and Beyond

*This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Transportation, Distribution and Logistics career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.*

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							STEM Robotics	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	1.5 Credits from Fitness Courses	Health (.5)	1.0 Credit from Fine Arts or Course Equivalencies	Automotive—Small Gas Engines	Orientation or Career Choices	Credit Requirements (22.5 credits total): 4.0 credits - English 2.5 credits - Social Studies 3.0 credits – Math 2.0 credits - Science 1.5 credits – Fitness 0.5 credits – Health 1.0 credits – Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
10	Language Arts	U. S. History	Biology	Geometry				Automotive Technology 1-2* (two hour block)	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	
11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig				Automotive Technology—Advanced 1-2* (three hour block)		
12	Senior English Electives	Global Issues (.5)	Physics	AP Statistics or Pre-Calculus				Automotive Technology—Advanced 3-4* (three hour block)		

**\*Students who earn a “B” or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a> School Bus Mechanic Steering and Suspension Technician Automotive Mechanic Brake and Air System Technician Drive Train System Technician Electronic System Technician Heavy Duty Equipment Mechanic Medium/Heavy Duty Diesel Mechanic	ASE Certification and NATEF Accreditation Program  Bates Technical College <a href="#">Automotive Apprenticeship Program</a>  Renton Technical College <a href="#">Automotive</a>  Green River Community College <a href="#">Auto Body Technology</a> <a href="#">Automotive Technology</a>	Green River Community College <a href="#">Automotive Technology</a>	Western Washington University <a href="#">Industrial Technology/Vehicle Design</a>

*The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.*



# Automotive Technology Program of Study

## Education Planning Guide for Middle School and Beyond

The Automotive program prepares students for the highly technical and rewarding careers within the automotive field. As an ASE/NATEF certified program, this program features state of the art equipment used in the automotive industry, training from industry experts, and hands-on experience with vehicles equipped with the latest technologies. Students apply technical knowledge and skills to repair, service, and maintain all types of automobiles. Students receive instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating and air conditioning systems. Advanced students in the program will have opportunities to work toward nationally recognized Automotive Service Excellence (ASE) certifications, as well as obtain paid internships at local automotive dealerships.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Entry Level Earnings</u>
Automotive Service Technicians	438	\$40,162 yr.
Bus & Truck Technicians & Diesel Engine Specialists	210	\$44,754 yr.
Automotive Body and Related Repairers	128	\$39,521 yr.
Aircraft and Service Technicians	127	\$54,094 yr.
Heavy Equipment Technicians	118	\$49,444 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Automotive Technology I, II, III, IV	12	CPTC	AUT 147, 149
	15	Green River	ATECH 111, 112, 116, 117
	2	Renton Tech	AUTC 101

### Industry Certification Options

Industry certification provides a documented record of achievement of proficiency in meeting industry standards in a program area. Auto Certification through Automotive Service Excellence and Small Engine Certification through Equipment & Engine Training Council are available to students focused on this Program of Study. See your Career and Technical Education teacher for more information.

### Student Leadership Development



Skills USA serves high school and college students enrolled in training programs in trade, technical and skilled service occupations. Programs include local, state and national competitions in which students demonstrate occupational skills, leadership, teamwork, citizenship, and promotes involvement in community service activities.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com)

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.





# Culinary Arts Program of Study



## Education Planning Guide for Middle School and Beyond

This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							Peer Mentoring	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	1.5 Credits from Fitness Courses	1.0 Credit from Fine Arts or Course Equivalencies		Career Choices or Orientation	
10	Language Arts	U. S. History	Biology	Geometry				Food Science and Nutrition	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	
11	American Literature 1, 2	Civics (.5) Psychology 1	Chemistry	Advanced Algebra and Trig				<b>Culinary Arts, Beginning*</b>		
12	Senior English Electives	Global Issues (.5) Economics	Physics	AP Statistics or Pre-Calculus				<b>Culinary Arts, Advanced*</b>		

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  Cook Food Service Specialist Food Service Manager  ACF Culinary Arts Apprenticeship Program – 3 years	<b>Bates Technical College</b> <a href="#">Culinary Arts</a> <b>Clover Park Technical College</b> <a href="#">Basic Cooking Skills</a> <a href="#">Restaurant Management</a> <b>Edmonds Community College</b> <a href="#">Basic Commercial Cooking, Catering, Baking</a> <b>Renton Technical College</b> <a href="#">Professional Baking, Culinary Arts</a> <b>Seattle Arts Institute</b> <a href="#">Baking &amp; Pastry, The Art of Cooking</a> <b>Seattle Central Community College</b> <a href="#">Culinary Arts</a> <b>South Seattle Community College</b> <a href="#">Catering and Banquet Operations</a> <a href="#">Pastry and Specialty Baking</a> <a href="#">Wine Technology</a>	<b>Bates Technical College</b> <a href="#">Culinary Arts</a> <b>Clover Park Technical College</b> <a href="#">Culinary Arts</a> <b>Edmonds Community College</b> <a href="#">Culinary Arts</a> <b>Renton Technical College</b> <a href="#">Culinary Arts</a> <b>Seattle Arts Institute</b> <a href="#">Baking &amp; Pastry; Culinary Arts</a> <b>Seattle Central Community College</b> <a href="#">Culinary Arts</a> <b>South Seattle Community College</b> <a href="#">Catering and Banquet Operations</a> <a href="#">Pastry and Specialty Baking</a> <a href="#">Wine Technology</a>	Washington State University <a href="#">Food Science</a>  Central Washington University <a href="#">Food Service Management</a>  Seattle Arts Institute <a href="#">Culinary Arts Management</a>

The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.



# Culinary Arts Program of Study

## Education Planning Guide for Middle School and Beyond

Culinary Arts students receive hands-on training through individual and group lab activities in food preparation techniques, kitchen safety, equipment use, nutrition, menu planning, catering, food garnishing, business operations, and leadership development. Students will have opportunities to explore and prepare for careers in the restaurant and hospitality industry, as well as participate in catering projects, specialized field trips to culinary institutions, and local culinary competitions. This course is designed in partnership with PROSTART.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings</u>	<u>Entry Level Earnings</u>
Waiters and Waitresses	2,645	\$27,381 yr.
Cooks, Fast Food	184	\$21,545 yr.
Cooks, Restaurant	800	\$26,223 yr.
Bartenders	661	\$27,561 yr.
Food Service Managers	250	\$63,312 yr.
Cooks, Institution and Cafeteria	271	\$29,622 yr.
Chefs and Head Cooks	83	\$45,049 yr.
Dieticians and Nutritionists	88	\$62,041 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Culinary Arts, Beginning and Advanced	16	Renton Technical College	CUL 102, 114, 118, 119, 121

### Student Leadership Development



Family, Career and Community Leaders of America provide leadership experiences for students in the culinary program. It develops leadership, teamwork, citizenship and promotes involvement in community service activities. Teams of students will participate in culinary and management competitions to demonstrate their creative skills, knowledge, and communication abilities.

For information about this leadership opportunity, talk with a Career and Technical Education instructor.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareemap.org](http://thecareemap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com)

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Education and Training Program of Study



## Education Planning Guide for Middle School and Beyond

This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives		
Auburn SD Component of Program of Study	<b>Middle School</b>	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							Peer Mentoring		<b>Auburn School District Graduation Requirements</b>  <u>Credit Requirements (22.5 credits total):</u> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits - Math 2.0 credits - Science 1.5 credits - Fitness 0.5 credits - Health 1.0 credits - Arts 1.0 credits - Occupational 7.0 credits - Electives  <u>Additional Requirements:</u> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
	<b>9</b>	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	1.0 Credit from Fine Arts or Course Equivalencies	Independent Living	Career Choices or Orientation		
	<b>10</b>	Language Arts	U. S. History	Biology	Geometry	1.5 Credits from Fitness Courses		<b>Careers with Children 1, 2*</b>	Minimum of two years of the same world language are required for students planning to enroll at a four-year university.		
	<b>11</b>	American Literature 1, 2	Civics (.5) Psychology 1	Chemistry	Advanced Algebra and Trig			<b>Careers with Children 3, 4*</b>			
	<b>12</b>	Senior English Electives such as Debate or Children's Theater	Global Issues (.5) Sociology or Psychology 2	Physics	AP Statistics or Pre-Calculus			<b>Teaching Academy*</b>		Spanish recommended	

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
Post - High Program of Study	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  Child Care Assistant Child Care Site Coordinator Educational Paraprofessional Instructional Assistant Library Technician School Secretary	Renton Technical College <a href="#">Child Development Associate</a> <a href="#">Children with Special Needs</a> <a href="#">Management of Child Care Programs</a>  Green River Community College <a href="#">Early Childhood Education</a>  Highline Community College <a href="#">Education</a>	Renton Technical College <a href="#">Early Childhood Careers</a>  Green River Community College <a href="#">Early Childhood Education</a>  Highline Community College <a href="#">Education</a>	University of Washington <a href="#">Education</a> Washington State University <a href="#">Education</a> Central Washington University <a href="#">Education</a> Western Washington University <a href="#">Elementary Education</a> Eastern Washington University <a href="#">Elementary Education</a>

The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.



# Education and Training Program of Study

## Education Planning Guide for Middle School and Beyond

The Education and Training program provides exploration and preparation for careers in education and service to children. Students will develop skills in communication, organization and leadership, as well as a solid understanding of learning theories and styles, teaching methods, child development, lesson planning, and classroom management techniques. Students apply their knowledge and skills through off-campus internships as one-on-one tutors or classroom assistants in local elementary and junior high schools.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Child Care Worker	2,250	\$23,497 yr.
Para-Educator	1,271	\$30,304 yr.
Teacher, Elementary	1,015	\$58,956 yr.
Teacher, Secondary	627	\$60,054 yr.
Teacher, Special Education	303	\$58,815 yr.
Pre-School Teachers	267	\$29,762 yr.
School Administrator	212	\$101,581 yr.
Teacher, Career and Technical Education	101	\$60,990 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Careers with Children 1	7	Green River Community College	ECE 100,101
	5	Highline Community College	EDUC 101
	5	Renton Technical College	EDED 105
Careers with Children 2	3	Green River Community College	ECE 103
Careers with Children 3	3	Green River Community College	ECE 104
Careers with Children 4	6	Green River Community College	ECE 194.1, 194.2, 194.3
	8	Green River Community College	EDUC 190
		Highline Community College	EDUC 202
Renton Technical College		ECED 120	
Teaching Academy	3		

### Student Leadership Development



FCCLA (Family, Career and Community Leaders of America) is a national student organization that helps young men and women become leaders and address important personal, family, work and societal issues through family and consumer science education.

For additional leadership opportunities at your high school, please talk with a Career and Technical Education teacher.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org), Fast Web [www.FastWeb.com](http://www.FastWeb.com) or [www.mapyourcareer.org](http://www.mapyourcareer.org).

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Finance Program of Study



## Education Planning Guide for Middle School and Beyond

*This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.*

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							STEM Fundamentals of I.T.	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	1.5 Credits from Fitness Courses	Health (.5)	1.0 Credit from Fine Arts or Course Equivalencies	Business & Marketing Foundations	Orientation or Career Choices	
10	Language Arts	U. S. History	Biology	Geometry				MOS 1,2,3* Excel	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	
11	American Literature 1, 2	Civics (.5) Psychology 1	Chemistry	<b>Math for Business and Personal Finance*</b>				Accounting 1, 2* WBL		
12	Senior English Electives	Global Issues (.5) AP Micro or Macro Economics	Physics	AP Micro or Macro Economics				Accounting 3, 4*		

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  Accounts Payable Clerk Payroll Clerk	Renton Technical College <a href="#">Accounting Clerk</a> <a href="#">Accounting Paraprofessional</a>  Green River Community College <a href="#">Accounting</a>  Highline Community College <a href="#">Accounts Payable/Receivable</a> <a href="#">Bookkeeping</a> <a href="#">Accounting</a>	Renton Technical College <a href="#">Accounting Specialist</a> DTA: Direct Transfer Agreement  Green River Community College <a href="#">Accounting</a>  Highline Community College <a href="#">Accounting</a>	University of Washington <a href="#">Accounting</a>  Washington State University <a href="#">Accounting</a>  Central Washington University <a href="#">Accounting</a>  Western Washington University <a href="#">Accounting</a>

*The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.*



# Finance Program of Study

## Education Planning Guide for Middle School and Beyond

The Finance Program of Study prepares individuals to practice the profession of accounting and to perform related business functions.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Bookkeeping, Accounting and Auditing Clerks	1238	\$39,906 yr.
Accountants and Auditors	1099	\$69,680 yr.
Loan Officers	242	\$75,195 yr.
Budget Analysts	57	\$62,422 yr.
Financial Analysts	203	\$86,891 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Accounting 1, 2	5	Green River Community College	ACCT 110
	5	Highline Community College Renton Technical College	ACCTG 121 AOM 121
Accounting 3, 4	5	Green River Community College	ACCT 111
	5	Renton Technical College	AOM 122
Math for Business & Personal Finance	5	Green River Community College	BUS E110
MOS 1, 2, 3	5	Renton Technical College	AMATH 171
	13	Green River Community College	BUS E 100, BUS E 111, BUS E 112
	20	Highline Community College	BTECH 106, BTECH 111, BTECH 208, BTECH 217
	20	Renton Technical College	ACCT 132, APP 115, APP 116, APP 117, APP 120, APP 121, APP 125, APP 126, APP 145, APP146

### Student Leadership Development



FBLA supports the development of marketing and management skills in career areas such as hospitality, finance, sales and service, business administration and entrepreneurship. Programs and activities are tailored to the specific career interest of students and include technical skills, basic scholastic and communication skills, human relations and employability skills, with a strong emphasis on economics and free enterprise.

For additional leadership opportunities at your high school, please talk with a Career and Technical Education teacher.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com)

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Health and Medical Services Program of Study



## Education Planning Guide for Middle School and Beyond

*This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Health Science career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.*

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							Biology 1 & 2, Health 1, 2 & 3, Science 1, 2 & 3	
9	Language Arts	World Studies (.5)		Biology	Algebra I	Health (.5)		Preventive Medicine*	Orientation or Career Choices	<b>Credit Requirements (22.5 credits total):</b> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits - Math 2.0 credits - Science 1.5 credits - Fitness 0.5 credits - Health 1.0 credits - Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
10	Language Arts	U. S. History		Human Anatomy and Physiology	Geometry		1.0 Credit from Fine Arts or Course Equivalencies	Human Anatomy and Physiology 1, 2*	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	
11	American Literature 1, 2	Civics (.5) Psychology 1		Chemistry	Advanced Algebra and Trig	1.5 Credits from Fitness Courses		Sports Medicine I*		
12	Senior English Electives	Global Issues (.5) Psychology 2		Physics	AP Statistics or Pre-Calculus			Sports Medicine II*		

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  Dispensing Optician (624) Esthetician (569) Ocularist (1907) School Health Technician (188)	Renton Technical College <a href="#">Anesthesia Technician</a> <a href="#">Massage Therapy Practitioner</a> <a href="#">Nursing Assistant</a> <a href="#">Surgical Technician</a> <a href="#">Veterinary Assistant</a>  Green River Community College <a href="#">Forensic and Fingerprint Technology</a> <a href="#">Fundamentals of Caregiving</a> <a href="#">Medical Office Assistant</a>  Highline Community College <a href="#">Medical Assistant</a>	Renton Technical College <a href="#">Dental Assistant</a> <a href="#">Pharmacy Technician</a> <a href="#">Registered Nurse</a>  Green River Community College <a href="#">Forensic Technology</a> <a href="#">Physical Therapy Assistant</a> <a href="#">Occupational Therapy Assistant</a>  Highline Community College <a href="#">Nursing</a> <a href="#">Biology</a> —Pre Medicine, Pre-Dental <a href="#">Medical Assistant</a> <a href="#">Personal Fitness Trainer</a> <a href="#">Respiratory Care</a>	University of Washington <a href="#">Pre-Medicine</a>  Washington State University <a href="#">Health Sciences</a>  Central Washington University <a href="#">Nutrition Exercise and Health Science</a>  Pacific Lutheran University <a href="#">Nursing</a>

*The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.*



# Health and Medical Services Program of Study

## Education Planning Guide for Middle School and Beyond

The Health and Medical Services program prepares students for a wide variety of health and medical careers. Students are prepared to apply skills in leadership, anatomy and physiology, patient care, injury evaluation, rehabilitation and nutrition's role in health. Students will explore career areas such as physical therapy, athletic training, emergency medical services, nursing, pharmacy, medical office and radiology.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Registered Nurse	2,588	\$ 75,793 yr.
Home Health Aide	436	\$ 23,540 yr.
Massage Therapist	330	\$ 5,2668 yr.
Pharmacist	266	\$112,163 yr.
Radiology Technician	199	\$ 66,303 yr.
Emergency Medical Technician	144	\$ 47,296 yr.
Surgical Technician	102	\$ 48,803 yr.
Surgeon	59	\$258,439 yr.
Exercise Physiologist	30	\$ 58,550 yr.
Athletic Trainer	30	\$ 44,435 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Sports Medicine I or II	5	Highline Community College Renton Technical College	PFT 245, PFT 250 HPCPS101, HLTH 101
Anatomy and Physiology 1, 2		Highline Community College  Renton Technical College	MED A113, MED A125, MED A143, MED A161, MED A201, MED A209, MED A217, MED A233, MED A243, MED A251, MED A263 MAPS 103
Preventative Medicine	5	Highline Community College	PFT 120

### Student Leadership Development



Washington Career & Technical Sports Medicine Association provides educational experiences for students in trade programs, technical and skilled service occupations, including health occupations. HOSA is a student organization whose mission is to promote career opportunities in health care and to enhance the delivery of quality health care to all people. These organizations develop leadership, teamwork, citizenship and promote involvement in community service activities. Emphasis is placed on total quality at work, high ethical standards, lifelong education and superior work skills.

For additional leadership opportunities at your high school, please contact your Career and Technical Education teacher.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org), Fast Web [www.FastWeb.com](http://www.FastWeb.com) or [www.mapyourcareer.org](http://www.mapyourcareer.org).





# Horticulture Science Program of Study

## Education Planning Guide for Middle School and Beyond



This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Science, Technology, Engineering and Math career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							Art Survey, Advanced Art	
9	Language Arts	World Studies (.5)	Science Links (.5) or Environmental Science	Algebra I	Health (.5)  1.5 Credits from Fitness Courses	1.0 Credit from Fine Arts or Course Equivalencies	Horticulture Science	Career Choices or Orientation		
10	Language Arts	U. S. History	Biology	Geometry			Environmental Horticulture 1 & 2	Minimum of two years of the same world language are required for students planning to enroll at a four-year university		
11	American Literature 1, 2	Civics (.5)	Chemistry AP Biology	Advanced Algebra and Trig			Environmental Horticulture 3 & 4			
12	Senior English Electives	Global Issues (.5)	AP Biology or AP Environmental Science	Accounting or <b>Math for Personal &amp; Business Finance*</b>			or Floral Design and <b>Marketing 1, 2*</b>			

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  Landscape Construction Worker Landscape Technician  Greenhouse/Technician/Grower	<b>Renton Technical College</b>  <b>Green River Community College</b>  <b>Lake Washington Technical College</b>  <b>Edmonds Community College</b>	<b>Green River Community College</b>  <b>Highline Community College</b>  <b>Lake Washington Technical College</b>  <b>South Puget Sound Community College</b>  <b>South Seattle Community College</b>	<b>University of Washington</b>  <b>Washington State University</b>  <b>Western Washington University</b>  <b>Evergreen State College</b>

The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.



# Horticulture Science Program of Study

## Education Planning Guide for Middle School and Beyond

The Horticulture Program of Study prepares students in the general production and processing of domesticated plants, shrubs, flowers, foliage, trees, groundcovers, and related plant materials; the management of technical and business operations connected with horticultural services, landscape management and design; and the basic scientific principles needed to understand plants and their management and care.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Landscaping and Groundskeeping Workers	1,269	\$30,572 yr.
Farmworkers and Laborers, Crop, Nursery and Greenhouse	2,105	\$25,190 yr.
Landscape Architects	35	\$62,503 yr.
Floral Designers	76	\$29,752 yr.
Foresters	10	\$57,430 yr.
Plant Scientist	290	\$67,023 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Marketing 1, 2	10	Green River Community College	BUS 121
Math for Business & Personal Finance	5	Green River Community College	BUS E110
	5	Renton Technical College	AMATH 171

### Student Leadership Development



The National FFA Organization is dedicated to making a positive difference in the lives of students by developing their potential for leadership, personal growth and career success through agricultural education.

For additional leadership opportunities at your high school, please contact a Career and Technical Education teacher.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareemap.org](http://thecareemap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com)

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Information Support Program of Study



## Education Planning Guide for Middle School and Beyond

This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							STEM Fundamentals of IT	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	1.5 Credits from Fitness Courses	1.0 Credit from Fine Arts or Course Equivalencies	Digitools*	Orientation or Career Choices	
10	Language Arts	U. S. History	Biology	Geometry				Advanced Computer Applications*	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	
11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig				Microsoft Office Specialist 1, 2*		
		Psychology 1								
12	Senior English Electives	Global Issues (.5)	Physics	AP Statistics or Pre-Calculus				Microsoft Office Specialist 3*		
		Psychology 2								

\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
		To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  Professional Educational Secretary School Secretary Secretary Administrative Clerk	Renton Technical College <a href="#">Administrative Office Management</a> <a href="#">Executive Assistant</a> <a href="#">Legal Secretary</a> <a href="#">Medical Receptionist</a> <a href="#">Computer Applications</a>  Green River Community College <a href="#">Office Support</a> <a href="#">Business Applications Specialist</a>  Highline Community College <a href="#">Administrative Assistant</a> <a href="#">Project Administration</a>	Renton Technical College <a href="#">Administrative Office Management</a> <a href="#">Computer Applications</a> <a href="#">Supervision and Management</a>  Green River Community College <a href="#">Administrative Assistant</a> <a href="#">Business Applications Specialist</a>  Highline Community College <a href="#">Administrative Management</a> <a href="#">Associate of Business</a>

The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.



# Information Support Program of Study

## Education Planning Guide for Middle School and Beyond

The Information Support Program of Study prepares individuals to perform the duties of administrative assistants, secretaries and transcriptionists. Students develop proficiency in using word processing, spreadsheet, database, publishing and presentation software. They use the computer to manage data, work with numbers, and write reports and gain a solid foundation in business principles.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Executive Secretaries and Administrative Assistants	372	\$53,591 yr.
Medical Records and Health Information Technicians	207	\$39,690 yr.
Office and Administrative Support Workers	344	\$36,479 yr.
File Clerk	92	\$31,241 yr.
Receptionists and Information Clerks	1,070	\$29,962 yr.
Medical Secretary	616	\$39,680 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Digitools	5	Green River Community College	BUS E 101
	1	Renton Technical College	APP 105
MOS 1, 2, 3	13	Green River Community College	BUS E 100, BUS E 111, BUS E 112
	20	Highline Community College	BTECH 106, BTECH 111, BTECH 208, BTECH 217
	20	Renton Technical College	ACCT 132, APP 115, APP 116, APP 117, APP 120, APP 121, APP 125, APP 126, APP 145, APP146

### Industry Certification Options

Industry certification provides a documented record of achievement of proficiency in meeting industry standards in a program area. Microsoft Office Specialist (MOS) certification is available to students in the various computer applications including Word, Excel, PowerPoint and Access. See your Career and Technical Education teacher for more information.

### Student Leadership Development



Technology Student Organization supports the development of information technology skills. Programs and activities are tailored to the specific career interest of students and includes technical skills, basic scholastic and communication skills, human relations and employability skills, with a strong emphasis on technology.

For additional leadership opportunities at your high school, please contact a Career and Technical Education teacher.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com).

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Jewelry Manufacturing Program of Study



## Education Planning Guide for Middle School and Beyond

This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →								
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	1.5 Credits from Fitness Courses	Health (.5)	1.0 Credit from Fine Arts or Course Equivalencies	Drawing 1, 2	Career Choices or Orientation	<b>Credit Requirements (22.5 credits total):</b> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits - Math 2.0 credits - Science 1.5 credits - Fitness 0.5 credits - Health 1.0 credits - Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
10	Language Arts	U. S. History	Biology	Geometry				Jewelry/Small Metal Sculpture 1, 2	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	
11	American Literature 1, 2	Civics (.5) Psychology 1	Chemistry	Advanced Algebra and Trig				Jewelry/Small Metal Sculpture 3, 4		
12	Senior English Electives	Global Issues (.5) Psychology 2	Physics	AP Statistics or Pre-Calculus				Jewelry/Small Metal Sculpture CS		

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to:  Jewelry Apprenticeship <a href="#">Apprenticeship Registration &amp; Tracking</a>  Composite Manufacturing Specialist Manufacturing Precision Metal Fabricator	<b>Renton Technical College</b> <a href="#">Air Washington</a>  <b>Gemological Institute of America</b> <a href="#">Gemological Institute of America</a>  <b>Green River Community College</b> <a href="#">Aerospace and Advanced Manufacturing Technology</a> <a href="#">Machining and Manufacturing Technology</a>	<b>Green River Community College</b> <a href="#">Associate in Mechanical, Manufacturing and Plastics Engineering Technology</a>  <b>North Seattle Community College</b>  <b>Highline Community College</b> <a href="#">Engineering</a>	<b>Central Washington University</b> <a href="#">Jewelry/Metalsmithing</a>

The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.



# Jewelry Manufacturing Program of Study

## Education Planning Guide for Middle School and Beyond

Jewelry Manufacturing students learn skills used in the jewelry industry such as sawing, filing, polishing, coloring of metal, forming and soldering. They will also learn how to form a wax model to be cast into metal. As advanced students, they practice metals fabrication, stone setting and casting. Students make rings, necklaces and a variety of jewelry from metal and other materials.

### ***Occupational Information***

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Gemologist	180	\$44,795 yr
Bench Jeweler	100	\$44,795 yr
Sales – Retail Sales	40,810	\$29,457 yr
Dental Lab Technician	490	\$43,872 yr
Dental Hygienist	3,850	\$91,779 yr
Dentist	1,620	\$206,252 yr
BioMedical Engineer	240	\$85,956 yr
Foundry	1,280	\$36,563 yr
Aerospace	80	\$68,132 yr
Jewelry Appraiser	180	\$44,795 yr

### ***Student Leadership Development***

Students are expected and encouraged to participate in area and state metal arts shows.

For additional leadership opportunities at your high school, please talk with a Career and Technical Education Teacher.

### ***Scholarship Opportunities***

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com)

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Manufacturing Program of Study



## Education Planning Guide for Middle School and Beyond

*This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Science, Technology, Engineering and Math career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.*

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							STEM Robotics or STEM Pre-Engineering or STEM Construction	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	1.5 Credits from Fitness Courses	Health (.5)	1.0 Credit from Fine Arts or Course Equivalencies	Power, Energy and Transportation 1 and Advanced	Orientation or Career Choices	<b>Credit Requirements (22.5 credits total):</b> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits - Math 2.0 credits - Science 1.5 credits - Fitness 0.5 credits - Health 1.0 credits - Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
10	Language Arts	U. S. History	Biology	Geometry				Principles of Technology	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	
11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig				<b>Welding 1 and 2*</b>		
12	Senior English Electives	Global Issues (.5)	Physics	AP Statistics or Pre-Calculus				Machinist Training 1, 2, 3, 4 (two hour block)		

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a> Assembly Machinist (173) Composite Manufacturing Specialist (1828) Machine Tools Maintenance Mechanic (154) Manufacturing Machinist (154)	<b>Renton Technical College</b> <a href="#">Precision Machining Technologies</a> <a href="#">Welding</a>  <b>Green River Community College</b> <a href="#">Machining and Manufacturing Technology</a> <a href="#">Industrial Engineering</a> <a href="#">Welding</a>	<b>Green River Community College</b> <a href="#">Associate in Science</a>  <b>Highline Community College</b> <a href="#">Engineering</a>	Central Washington University <a href="#">Engineering Technology</a> <a href="#">Safety and Construction</a>

*The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.*



# Manufacturing Program of Study

## Education Planning Guide for Middle School and Beyond

The Manufacturing program prepares students for the highly technical and rewarding careers within the manufacturing field. Students learn to operate milling machines, lathes, computer controlled machines, and various other tools. They also acquire skills in measuring, print reading, manufacturing processes and leadership,

### **Occupational Information**

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Industrial Production Managers	49,000	\$88,190 yr.
CNC Machine Tool Programmers	4,900	\$45,890 yr.
Manufacturing Engineering Technologists	16,800	\$58,670 yr.
Manufacturing Production Technician	71,000	\$58,670 yr.

### **Post-High School Connections**

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a “B” or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Welding 1, 2	8	Renton Technical College	WELD 102
	6	Green River Community College	WELD 141, WELD 194

### **Student Leadership Development**



The following courses Skills USA, a student leadership organization, serves high school and college students enrolled in training programs in trade, technical and skilled service occupations. Programs include local, state and national competitions in which students demonstrate occupational skills, leadership, teamwork, citizenship, and promotes involvement in community service activities.

For information about this leadership opportunity, talk with a Career and Technical Education instructor.

### **Scholarship Opportunities**

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [mapyourcareer.org](http://mapyourcareer.org), Fast Web [www.FastWeb.com](http://www.FastWeb.com) or [www.mapyourcareer.org](http://www.mapyourcareer.org).

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.





# Marketing Program of Study



## Education Planning Guide for Middle School and Beyond

This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →								
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	1.0 Credit from Fine Arts or Course Equivalencies	1.5 Credits from Fitness Courses	Business & Marketing Foundations Career Choices Visual Communications	Orientation or Career Choices	<b>Credit Requirements (22.5 credits total):</b> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits – Math 2.0 credits - Science 1.5 credits – Fitness 0.5 credits – Health 1.0 credits – Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
10	Language Arts	U. S. History	Biology	Geometry	Marketing/DECA* or Marketing Sports & Entertainment			Minimum of two years of the same world language are required for students planning to enroll at a four-year university		
11	American Literature 1, 2	Civics (.5) Psychology 1 or Sociology	Chemistry	<b>Mathematics for Business and Personal Finance*</b>	Marketing Project Management* or Marketing Store Retail Operations*					
12	Senior English Electives	Global Issues (.5) AP Econ or Psychology 2	Physics	Advanced Algebra and Trig	Marketing Business Administration or Marketing Store Operations Small Business*					

*\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.*

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  No related apprenticeships at this time	Renton Technical College <a href="#">Supervision and Management</a>  <a href="#">Office Management/Entrepreneurship and Small-Business Management</a>  Green River Community College <a href="#">Retail Management</a>  Highline Community College <a href="#">Customer Service Specialists</a>	Renton Technical College <a href="#">Associate in Business</a>  Green River Community College <a href="#">Business Management</a>  Highline Community College <a href="#">Associate of Business</a>	University of Washington <a href="#">Marketing</a>  Washington State University <a href="#">Marketing</a>  Central Washington University <a href="#">Finance and Supply Chain Management</a>  Western Washington University <a href="#">Business Administration--Marketing</a>

The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.



# Marketing Program of Study

## Education Planning Guide for Middle School and Beyond

The Marketing Program of Study is the core course for student in the business and marketing pathway. Students will learn about careers in Business, Marketing and Management with a major emphasis on “employability” skills, economic, marketing and business concepts, creative sales and leadership development. Students have the opportunity to apply business, marketing, and leadership concepts by managing student-run enterprises.

### **Occupational Information**

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Retail Salespersons	4081	\$ 29,457 yr.
Customer Service Representatives	1808	\$ 36,760 yr.
Market Research Analysts	664	\$ 79,546 yr.
Sales Managers	415	\$127,666 yr.
Marketing Managers	340	\$134,286 yr.
Advertising and Promotions Managers	32	\$110,107 yr.
Purchasing Agents	367	\$ 69,316 yr.

### **Post-High School Connections**

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a “B” or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Marketing Store Operations Small Business	5	Green River Community College	BUS 164
Marketing/DECA	5	Green River Community College	BUS 121
Marketing Project Management4	5	Green River Community College	BUS 159
Marketing WBL	2	Green River Community College	BUS 177
Marketing Store Retail Operations	5	Green River Community College	BUS 257
Math for Business & Personal Finance	5	Green River Community College	BUS E110
	5	Renton Technical College	AMATH 171

### **Student Leadership Development**



DECA supports the development of marketing and management skills in career areas such as hospitality, finance, sales and service, business administration and entrepreneurship. Programs and activities are tailored to the specific career interest of students and include technical skills, basic scholastic and communication skills, human relations and employability skills, with a strong emphasis on economics and free enterprise.

For information about this leadership opportunity, talk with a Career and Technical Education instructor.

### **Scholarship Opportunities**

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareemap.org](http://thecareemap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com)

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.

# Military Program of Study

## Education Planning Guide for Middle School and Beyond

*This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.*

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							Peer Mentoring	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	1.5 Credits from Fitness Courses	Health (.5)	1.0 Credit from Fine Arts or Course Equivalencies	JROTC 1, 2	Orientation or Career Choices	<b>Credit Requirements (22.5 credits total):</b> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits - Math 2.0 credits - Science 1.5 credits - Fitness 0.5 credits - Health 1.0 credits - Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
10	Language Arts	U. S. History	Biology	Geometry				JROTC 3, 4	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	
11	American Literature 1, 2	Civics (.5) Psychology 1	Chemistry	Advanced Algebra and Trig				JROTC 5, 6		
12	Senior English Electives	Global Issues (.5) Psychology 2	Physics	AP Statistics or Pre-Calculus				JROTC 7, 8		

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to:  <a href="#">Apprenticeship Registration &amp; Tracking</a>			While ROTC is traditionally a four-year program, individuals with prior service, members of Reserve or National Guard units, participants of JROTC in high school, and summer basic camp attendees may complete the program in only two years.

*The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges..*



# Military Program of Study

## Education Planning Guide for Middle School and Beyond

Junior Reserve Officers Training Corps (JROTC) Leadership Education and Training (LET) teaches leadership skills needed to be successful in the 21<sup>st</sup> Century. Each year, a different social studies focus area is selected that addresses issues of government, economics, civics and current events. Cadets will also have classes in leadership, values, citizenship, communications, culture, appreciation of other people's values, teamwork, problem-solving techniques, decision-making processes, drill and ceremonies and physical training.

### ***Occupational Information***

In peace time, the services have about 68,000 personnel in infantry positions. In times of military action, the number may be different, depending on the type of specialties required. Each year the services need new infantry soldiers due to changes in personnel and the demands of the field. Leadership ability and job performance are the main factors for advancement in the infantry. Those who have the ability to motivate, train, and supervise others assume greater responsibility.

Pay depends mainly on rank or grade as well as length of service. Bonuses and the situation in which the person is serving (for example: flight duty, sea duty, hazardous duty) also affect pay.

### ***Student Leadership Development***

Leadership is integrated throughout the JROTC program. For leadership opportunities at your high school, contact a Career and Technical Education teacher.

### ***Scholarship Opportunities***

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareemap.org](http://thecareemap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com)



# Natural Resource Systems Program of Study



## Education Planning Guide for Middle School and Beyond

*This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Science, Technology, Engineering and Math career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.*

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →								
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	1.0 Credit from Fine Arts or Course Equivalencies	Horticulture Science	Orientation or Career Choices		
10	Language Arts	U. S. History	Environmental or Marine Biology	Geometry	1.5 Credits from Fitness Courses		<b>Natural Resources 1, 2*</b>	Minimum of two years of the same world language are required for students planning to enroll at a four-year university		
11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig						
12	Senior English Electives	Global Issues (.5)	Physics	AP Statistics or Pre-Calculus						
										<b>Natural Resources 3, 4*</b>

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to:  <a href="#">Apprenticeship Registration &amp; Tracking</a>  Environmental Control Painter Environmental Control Systems Craft Worker	<b>Renton Technical College</b> <a href="#">Field Survey Technician</a> <a href="#">Land Survey Technician</a>  <b>Green River Community College</b> <a href="#">Geographic Information Systems</a> <a href="#">Water Distribution</a>	<b>Green River Community College</b> <a href="#">Geographic Information Systems</a> <a href="#">Natural Resources</a> <a href="#">Water/Wastewater Technology</a>  <b>Highline Community College</b> <a href="#">Environmental Science</a> <a href="#">Oceanography</a>	<b>University of Washington</b> <a href="#">Environmental Health</a> <a href="#">Oceanography</a>  <b>Washington State University</b> <a href="#">Environmental Science and Regional Planning</a>  <b>Western Washington University</b> <a href="#">Environmental Policy</a> <a href="#">Environmental Science</a>  <b>Eastern Washington University</b> <a href="#">Environmental Science</a>

*The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.*



# Natural Resource Systems Program of Study

## Education Planning Guide for Middle School and Beyond

The Natural Resource Systems Program of Study gives students hands-on experience while learning the major concepts and themes of biology through laboratory and field experiences. Courses focus on the ecological interactions between living and physical systems.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Environmental Engineers	10	\$102,776 yr.
Environmental Engineering Technicians	21	\$ 60,896 yr.
Environmental Science and Protection Technicians	191	\$ 82,105 yr.
Chemical Technician	35	\$ 43,595 yr.
Natural Sciences Managers	149	\$123,864 yr.
Occupational Health and Safety Specialist	112	\$ 75,248 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Natural Resources	5	Green River Community College	NATRS 100

### Student Leadership Development



The National FFA Organization is dedicated to making a positive difference in the lives of students by developing their potential for leadership, personal growth and career success through agricultural education.

For information about this leadership opportunity, talk with a Career and Technical Education instructor.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com).

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Network Systems Program of Study



## Education Planning Guide for Middle School and Beyond

This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							Peer Mentoring	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	1.5 Credits from Fitness Courses	1.0 Credit from Fine Arts or Course Equivalencies	Computer Networking Engineer 1, 2*	Orientation or Career Choices	<b>Credit Requirements (22.5 credits total):</b> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits - Math 2.0 credits - Science 1.5 credits - Fitness 0.5 credits - Health 1.0 credits - Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
10	Language Arts	U. S. History	Biology	Geometry	Computer Networking Engineer 3, 4*			Minimum of two years of the same world language are required for students planning to enroll at a four-year university		
11	American Literature 1, 2	Civics (.5) Psychology 1	Chemistry	Advanced Algebra and Trig	Computer Systems Engineer 1, 2*					
12	Senior English Electives	Global Issues (.5) Psychology 2	Physics	AP Statistics or Pre-Calculus	Computer Systems Engineer 3, 4*					

\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  School Computer Technician I, II, III	Renton Technical College <a href="#">Computer Network Technology</a>  Highline Community College <a href="#">Data Recovery</a> <a href="#">LAN</a> <a href="#">Network Administration and Security</a> <a href="#">UNIX/LINUX System Administration</a>	Renton Technical College <a href="#">Associate in Science in Technology</a>  Green River Community College <a href="#">Computer Science</a>  Highline Community College <a href="#">Network Specialist</a>	University of Washington <a href="#">Computer Science and Engineering</a> Washington State University <a href="#">Computer Science</a> Central Washington University <a href="#">Computer Science</a> Western Washington University <a href="#">Computer Science</a>

The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges..



# Network Systems Program of Study

## Education Planning Guide for Middle School and Beyond

Network Systems focuses on the design, implementation, and management of networked systems and associated software to maximize efficiency and productivity that prepares individuals to function as network specialists and managers. It includes instruction in operating systems and applications; systems design and analysis; networking theory and solutions; types of networks, network management and control; network and flow optimization; security; configuring; and troubleshooting.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Computer Systems Analyst	622	\$ 96,096 yr.
Computer Network Support Specialist	241	\$ 65,834 yr.
Computer and Information Systems Manager	415	\$140,176 yr.
Computer Network Architect	156	\$100,333 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a “B” or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Computer Systems Engineer 1, 2	15	Green River Community College	IT 101, IT102, IT110
Computer Systems Engineer 3, 4	5	Highline Community College	CIS 150
	5	Green River Community College	IT 131
Computer Network Engineer 1, 2	19	Renton Technical College	CNT151, CNT156, CSI 101
Computer Network Engineer 3, 4	6	Renton Technical College	CNT 159

### Student Leadership Development



Skills USA provides educational experiences for students in trade programs, technical and skilled service occupations, including health occupations. It develops leadership, teamwork, citizenship and promotes involvement in community service activities. Emphasis is placed on total quality at work, high ethical standards, lifelong education and superior work skills.

For information about this leadership opportunity, talk with a Career and Technical Education instructor.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com)

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.





# Performing Arts Program of Study



## Education Planning Guide for Middle School and Beyond

This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							Band, Choir, Orchestra, Drama	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)  1.5 Credits from Fitness Courses	<b>Choose 1.0 Credit to fulfill the Arts Graduation Requirement and 2.0 Credits to be a Program Completer</b>  Band: Concert, Flag Line, Jazz Ensemble, Marching, Percussion—Beginning, Percussion—Advanced, Symphonic, Wind Ensemble Choir: Beginning, Advanced, Chamber, Concert, Ensemble, Jazz, Show Guitar: Beginning, Advanced AP Music Theory Orchestra: Beginning, Chamber Acting 1, 2, 3, 4, 5, 6, 7, 8 Children's Theater Technical Theater Theater History	Career Choices or Orientation	Minimum of two years of the same world language are required for students planning to enroll at a four-year university	<b>Credit Requirements (22.5 credits total):</b> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits - Math 2.0 credits - Science 1.5 credits - Fitness 0.5 credits - Health 1.0 credits - Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative	
10	Language Arts	U. S. History	Biology	Geometry						
11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig						
		Psychology 1								
12	Debate or Poetry or Children's Theater or Theatre History or Senior English Electives	Global Issues (.5)	Physics	AP Statistics or Pre-Calculus						
		Psychology 2								

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  Theatre Technician	Renton Technical College <a href="#">Band Instrument Repair Technology</a> <a href="#">Guitar Repair Technology</a>	Green River Community College <a href="#">Drama</a> <a href="#">Music</a>  Highline Community College <a href="#">Drama</a> <a href="#">Music</a>  Art Institute of Seattle <a href="#">Audio Production</a>	Cornish College of the Arts <a href="#">Music</a> <a href="#">Theater</a>  University of Washington <a href="#">Drama</a> <a href="#">Music</a>  Central Washington University <a href="#">Music</a> <a href="#">Theater Arts</a>

The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.



# Performing Arts Program of Study

## Education Planning Guide for Middle School and Beyond

Drama prepares individuals to apply artistic, technical and dramatic principles and techniques to the communication of dramatic information, ideas, moods and feelings through technical theatre. Music students are provided instruction in creating, performing, listening to and analyzing music with an emphasis on preparing music. Students are required to attend scheduled performances.

### **Occupational Information**

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Ushers, Lobby Attendants, and Ticket Takers	160	\$23,434 yr.
Producers and Directors	143	\$58,353 yr.
Actors	12	N/A
Audio and Video Equipment Technicians	40	\$47,440 yr.
Radio and Television Announcers	34	\$52,301 yr.
Sound Engineering Technicians	13	\$59,329 yr.
Set and Exhibit Designers	3	\$44,396 yr.
Musician and Singer	59	N/A
Music Director and Composer	20	\$69,294 yr.
Musical Instrument Repairer and Tuner	8	\$36,949 yr.

### **Student Leadership Development**

Drama Club is an organization designed to expose members to many aspects of the world of theatre and drama. Involved students will have the opportunity to work on current shows, and view plays. Students will gain experience in small group processes. Students involved in Choir, Band or Orchestra develop imagination, creativity, and the ability to conceptualize and solve complex problems by stimulating thinking skills.

For information about this leadership opportunity, talk with an instructor.

### **Scholarship Opportunities**

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com)

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Sign Language Interpreting Program of Study



## Education Planning Guide for Middle School and Beyond

This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							Peer Mentoring	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	1.5 Credits from Fitness Courses	1.0 Credit from Fine Arts or Course Equivalencies		Orientation or Career Choices	<b>Credit Requirements (22.5 credits total):</b> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits - Math 2.0 credits - Science 1.5 credits - Fitness 0.5 credits - Health 1.0 credits - Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
10	Language Arts	U. S. History	Biology	Geometry						
11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig				American Sign Language 3, 4*		
12	Senior English Electives	Global Issues (.5)		Physics				AP Statistics or Pre-Calculus	American Sign Language 5, 6	
		Psychology 1						Minimum of two years of the same world language are required for students planning to enroll at a four-year university		
		Psychology 2								

\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
		To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  Educational Sign Language Interpreter Child Care Assistant Educational Paraprofessional Instructional Assistant	Spokane Falls Community College <a href="#">Interpreter Training</a> Seattle Central Community College <a href="#">American Sign Language</a> Renton Technical College <a href="#">Child Development Associate</a> <a href="#">Children with Special Needs</a> <a href="#">Management of Child Care Programs</a> Green River Community College <a href="#">Early Childhood Education</a> Highline Community College <a href="#">Education</a>	Portland Community College <a href="#">Sign Language Interpretation</a> Seattle Central Community College <a href="#">American Sign Language</a> Renton Technical College <a href="#">Early Childhood Careers</a> Green River Community College <a href="#">Early Childhood Education</a> Highline Community College <a href="#">Education</a>

The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.



# Sign Language Interpreter Program of Study

## Education Planning Guide for Middle School and Beyond

American Sign Language students learn the language skills, cultural behaviors, and social relations needed to interact in a diverse world of rapid communication. Students will discover the importance of speaking a second language to participate in the political, scientific and technological changes that are occurring globally.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Interpreter and Translator	45	\$47,745 yr.
Child Care Worker	2,250	\$23,497 yr.
Para-Educator	1,271	\$30,304 yr.
Teacher, Career and Technical Education	101	\$60,990 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at local colleges if students earn a "B" or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
American Sign Language I	5	Seattle Central Community College	ASL 101
American Sign Language II	5	Seattle Central Community College	ASL 102
American Sign Language III	5	Seattle Central Community College	ASL 103

### Student Leadership Development

World Language Clubs are available at the high school level.

For information about this leadership opportunity, talk with a Career and Technical Education Instructor.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com).

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.

# STEM: Science, Technology, Engineering, and Math Program of Study

## Education Planning Guide for Middle School and Beyond

This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Science, Technology, Engineering and Math career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements	
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →						STEM Robotics, STEM Pre-Engineering STEM Construction 1 and 2			<b>Credit Requirements (22.5 credits total):</b> 4.0 credits - English 2.5 credits - Social Studies 3.0 credits - Math 2.0 credits - Science 1.5 credits - Fitness 0.5 credits - Health 1.0 credits - Arts 1.0 credits - Occupational 7.0 credits - Electives  <b>Additional Requirements:</b> • High School and Beyond Plan • Culminating Project/Portfolio • Certificate of Academic Achievement or Approved Alternative
	9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	1.0 Credit from Fine Arts or Course Equivalencies	Principles of Technology 1 and 2	Career Choices or Orientation		
	10	Language Arts	U. S. History	Biology	Geometry			Robotics Technology 1 and 2	Minimum of two years of the same world language are required for students planning to enroll at a four-year university		
	11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig						
12	Senior English Electives	Global Issues (.5)	Physics	AP Statistics or Pre-Calculus							

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to: <a href="#">Apprenticeship Registration &amp; Tracking</a>  Search Metal Structure Robotics Technician (1077)	<b>Renton Technical College</b> <a href="#">Commercial Building Engineering</a> <a href="#">Construction Management</a> <a href="#">Engineering Design Technology</a>  <b>Green River Community College</b> <a href="#">Aerospace and Advanced Manufacturing Technology</a> <a href="#">Machining and Manufacturing Technology</a> <a href="#">Water/Wastewater Technology</a>	<b>Green River Community College</b> <a href="#">Associate in Science</a>  <b>Highline Community College</b> <a href="#">Engineering</a>	<b>University of Washington</b> <a href="#">Applied Math</a> <a href="#">Civil and Environmental Engineering</a> <a href="#">Electrical Engineering</a> <b>Washington State University</b> <a href="#">Civil Engineering</a> <a href="#">Computer Technology</a> <b>Western Washington University</b> <a href="#">Electronic Engineering Technology</a> <b>Eastern Washington University</b> <a href="#">Engineering</a>

The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.



## STEM: Science, Technology, Engineering, and Math Program of Study

### Education Planning Guide for Middle School and Beyond

The Science, Technology, Engineering and Mathematics program prepares students for the highly technical and rewarding careers within a variety of occupational fields. Students learn to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in manufacturing and construction fields.

#### **Occupational Information**

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Validation Engineers	44,800	\$90,580 yr.
Electronics Engineering Technicians	16,800	\$58,670 yr.
Manufacturing Engineering Technologists	16,800	\$58,670 yr.
Robotics Technicians	3,200	\$51,220 yr.
Aerospace Engineering and Operations Technician	1,700	\$61,460 yr.

#### **Student Leadership Development**



First Lego League Club/Robotics Club are available at the middle schools and First Robotics Club is available at the high schools. Students have the opportunity to build and compete with a robot of their own design, learn and use sophisticated software and hardware, work alongside professional engineers and compete for college scholarships.



Skills USA serves high school and college students enrolled in training programs in trade, technical and skilled service occupations. Programs include local, state and national competitions in which students demonstrate occupational skills, leadership, teamwork, citizenship, and promotes involvement in community service activities.

For information about this leadership opportunity, talk with a Career and Technical Education Instructor.

#### **Scholarship Opportunities**

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [mapyourcareer.org](http://mapyourcareer.org), Fast Web [www.FastWeb.com](http://www.FastWeb.com), or [www.mapyourcareer.org](http://www.mapyourcareer.org).

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.



# Visual Arts Program of Study



## Education Planning Guide for Middle School and Beyond

This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							Visual Communications or Art	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	<b>Choose 1.0 Credit to fulfill the Arts Graduation Requirement and 2.0 Credits to be a Program Completer</b> Art: Advanced 1, 2, 3, 4 AP Studio Art Ceramics: 1, Advanced Digital Photography <b>Drawing 1, 2*</b> Fabric Design 1, Advanced Fashion Apparel and Design <b>Graphic Design and Production 1, 2, Contract Study*</b> Jewelry/Small Metal Sculpture 1,2,3,4 Jewelry Manufacturing Contract Study Painting Sculpture 2-D Art Visual Communications 1, 2, Contract Study	Career Choices or Orientation	Minimum of two the same world language are required for students planning to enroll at a four-year university		
10	Language Arts	U. S. History	Biology	Geometry						
11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig	1.5 Credits from Fitness Courses					
		Psychology 1		AP Statistics or Pre-Calculus						
12	Senior English Electives	Global Issues (.5)	Physics	AP Statistics or Pre-Calculus						
		Psychology 2								

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to:  Jewelry Apprenticeship <a href="#">Apprenticeship Registration &amp; Tracking</a> Photography Film Industry Graphic Arts Technician Painter and Decorator Sign and Pictorial Painter	Green River Community College <a href="#">Arts</a>  Highline Community College <a href="#">Ceramics</a>  Seattle Central (Photography, Filmmaking, Graphic Design)	Green River Community College <a href="#">Fine Arts</a>  Highline Community College <a href="#">Fine Arts</a>  Seattle Central Community College  North Seattle Community College	Cornish College of the Arts <a href="#">Fine Art</a> Art Institute of Seattle <a href="#">Design</a> <a href="#">Media Arts</a> University of Washington <a href="#">Art</a> Western Washington University <a href="#">Art</a> Central Washington University <a href="#">Art</a> Eastern Washington University <a href="#">Art</a> Washington State University <a href="#">Art</a>

The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges.



# Visual Arts Program of Study

## Education Planning Guide for Middle School and Beyond

Visual Arts students develop, explore and refine skills in a specific art form. Students will learn to apply the creative process, use the elements of design in their projects as well as the evolution of the art form and its influence on culture.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Multimedia Artists and Animators	348	\$ 69,418 yr.
Graphic Designers	340	\$ 53,593 yr.
Art Directors	84	\$100,212 yr.
Fine Artists, Including Painters, Sculptors, and Illustrators	56	\$ 70,782 yr.
Commercial and Industrial Designer	37	\$ 60,099 yr.
Craft Artists	17	\$ 36,501 yr.
Curators	11	\$ 54,394 yr.
Set and Exhibit Designers	3	\$ 44,396 yr.
Art Gallery Curator		\$ 54,393 yr.
Jewelry Designer		\$ 44,795 yr.
Photographer		\$ 30,950 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a “B” or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Graphic Design 1, 2	5	Highline Community College	VICOM 110
Drawing 1, 2	5	Highline Community College	VICOM 132

### Student Leadership Development

Art Club and VisCom Club provide leadership development opportunities for students in high school.

For information about this leadership opportunity, talk with a Career and Technical Education Instructor.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com)

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.





# Web and Digital Communication Program of Study



## Education Planning Guide for Middle School and Beyond

*This program of study, along with other career planning materials, serves as a guide to assist students in the Auburn School District in developing a relevant middle-to-high school plan that will prepare them for further education and/or employment in the Education and Training career cluster. The program of study outlined below can be individualized to meet each learner's education and career goals. It allows students to earn high school credits while completing coursework in middle school, earn college credits while completing coursework within high school, and apply those credits toward attainment of a college certificate and/or degree. It is important to share and review this plan with a parent/guardian and school counselor.*

Auburn SD Component of Program of Study	Grade	English	Social Studies	Science	Math	Health/Fitness	Arts	Career and Technical	Related Electives	Auburn School District Graduation Requirements
	Middle School	Successfully complete required coursework for 6 <sup>th</sup> , 7 <sup>th</sup> and 8 <sup>th</sup> grade, and these electives →							STEM Fundamentals of Information Technology	
9	Language Arts	World Studies (.5)	Science Links (.5)	Algebra I	Health (.5)	1.0 Credit from Fine Arts or Course Equivalencies Such as Viscom	Digitools*	Career Choices or Orientation		
10	Language Arts	U. S. History	Biology	Geometry	1.5 Credits from Fitness Courses		Advanced Computer Applications or MOS*	Minimum of two years of the same world language are required for students planning to enroll at a four-year university		
11	American Literature 1, 2	Civics (.5)	Chemistry	Advanced Algebra and Trig						
		Psychology 1								
12	Senior English Electives	Global Issues (.5)	Physics	AP Computer Science						
		Psychology 2								

**\*Students who earn a "B" or better in these courses may be eligible for college credit. See page 2 for more information.**

Post - High Program of Study	Apprenticeship Opportunities	Earn a Certificate and Enter the Workforce	Earn an Associate's Degree and transition to a 4-year university or enter the workforce	Earn a 4-year college degree, and then enter the workforce
	To learn more about apprenticeships in this program, go to:  <a href="#">Apprenticeship Registration &amp; Tracking</a>  Technical Writer Computer Programmer	Renton Technical College <a href="#">Applications Developer</a>  Highline Community College <a href="#">Pre-Web Certificate</a> <a href="#">Client Side Scripting Certificate</a> <a href="#">Server Side Scripting Certificate</a> <a href="#">Mobile App Development Certificate</a>	Renton Technical College <a href="#">Computer Science</a>  Green River Community College <a href="#">Computer Science</a>  Highline Community College <a href="#">Web/Database Developer</a>	University of Washington <a href="#">Computer Science</a>  Washington State University <a href="#">Digital Technology and Culture</a> <a href="#">Computer Science</a>  Central Washington University <a href="#">IT and Administrative Management</a>  Western Washington University Computer Science

*The Post-High School program options listed above for this Program of Study represent just some examples of options available within the Puget Sound area, including programs where agreements for dual credit exist between the college and school district. For other options available related to this program of study, visit your career center or the websites of local colleges..*



# Web and Digital Communication Program of Study

## Education Planning Guide for Middle School and Beyond

Web Design students apply HTML, CSS, JavaScript, graphic applications, and other authoring tools to the design, editing, and publishing of documents, images, graphics, sound, and multimedia products of the World Wide Web.

### Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to [www.workforceexplorer.com](http://www.workforceexplorer.com)

<u>Occupation</u>	<u>Washington State Projected Openings 2010-2020</u>	<u>Earnings</u>
Web Developer	259	\$73,422 yr.
Computer Systems Analyst	622	\$96,096 yr.
Computer Programmer	677	\$94,657 yr.
Information Security Analyst	101	\$96,915 yr.
Multi-Media Artists and Animators	348	\$69,418 yr.
Graphic Designer	340	\$53,593 yr.
Technical Writer	76	\$83,910 yr.

### Post-High School Connections

The following courses within this program of study may be eligible for college credit at several local colleges if students earn a “B” or better:

<u>High School Course</u>	<u>Credits Possible</u>	<u>College</u>	<u>College Course</u>
Worldwide Web Publishing 1-2	5	Green River Community College	IT 121
Worldwide Web Publishing 3-4	5	Highline Community College	CSCI 102
Digitools	5	Green River Community College	BUS E 101
	1	Renton Technical College	APP 105
MOS 1, 2, 3	13	Green River Community College	BUS E 100, BUS E 111, BUS E 112
	20	Highline Community College	BTECH 106, BTECH 111, BTECH 208, BTECH 217
	20	Renton Technical College	ACCT 132, APP 115, APP 116, APP 117, APP 120, APP 121, APP 125, APP 126, APP 145, APP146

### Student Leadership Development

Skills USA provides educational experiences for students in trade programs, technical and skilled service occupations, including health occupations. It develops leadership, teamwork, citizenship and promotes involvement in community service activities. Emphasis is placed on total quality at work, high ethical standards, life-long education and superior work skills.

For additional leadership opportunities at your high school, please refer to your student planner.

### Scholarship Opportunities

For local, state, and national scholarship opportunities, please visit your counseling and/or career center, Career Cruising [www.CareerCruising.com](http://www.CareerCruising.com), WOIS [www.wois.org](http://www.wois.org), [thecareermap.org](http://thecareermap.org) or Fast Web [www.FastWeb.com](http://www.FastWeb.com)

For more information about this Program of Study, contact an instructor, a school counselor or a career specialist.

Use the chart below to find a course, which section in the catalog you can find the course description, and what type of requirement it meets. You must choose one of the credit options as each course may only satisfy one requirement. Not all cross credited courses meet NCAA or CADR requirements. Refer to corresponding pages and websites to verify approved courses.

COURSE TITLE	CATALOG SECTION	CREDIT	CREDIT	CREDIT
Accounting 1,2,3,4	Business & Marketing	Occupational	Math-3 <sup>rd</sup> year*	
Acting 1,2,3,4,5,6,7,8	Arts	Fine Arts		
Administrative Office Assistant	Miscellaneous	Elective		
Advanced Algebra & Trigonometry	Math	Math-3 <sup>rd</sup> year		
Aerobic Walking	Physical Education	PE		
Aerobics	Physical Education	PE		
Aerospace Assembly	Career & Tech Ed	Occupational	Math-3 <sup>rd</sup> year*	
Algebra 1,2	Math	Algebra		
American Literature & Writing	English/Language Arts	English/LangArts		
American Literature & Writing-Basic	English/Language Arts	English/LangArts		
American Sign Language 1-6	Occupational	Occupational	World Language	
ASB Assistant	Miscellaneous	Elective		
Astronomy	Science	Lab Science		
Attendance Office Assistant	Miscellaneous	Elective		
Automotive Technology--Advanced	Career & Tech Ed	Occupational	Math-3 <sup>rd</sup> year*	Non-Lab Science
Automotive Technology--Beginning	Career & Tech Ed	Occupational	Non-Lab Science	
Automotive Technology--C.S.	Career & Tech Ed	Occupational	Non-Lab Science	
Automotive--Small Gas Engines	Career & Tech Ed	Occupational		
Band – Concert	Arts	Fine Arts		
Band – Flag Line	Arts	Fine Arts		
Band--Jazz Ensemble	Arts	Fine Arts		
Band--Marching	Arts	Fine Arts		
Band--Percussion, Beginning	Arts	Fine Arts		
Band--Percussion, Ensemble	Arts	Fine Arts		
Band--Symphonic	Arts	Fine Arts		
Band--Wind Ensemble	Arts	Fine Arts		
Basketball	Physical Education	PE		
Basketball--Advanced	Physical Education	PE		
Beyond Advanced Algebra & Trig 1,2	Math	Math-3 <sup>rd</sup> year*		
Biology 1-2	Science	Lab Science		
Biology--Advanced Placement	Science	Lab Science		
Biology-Basic	Science	Lab Science		
Calculus 1,2, Advanced Placement	Math	Math-3 <sup>rd</sup> year*		
Career Center Assistant	Miscellaneous	Elective		
Careers with Children 1, 2, 3, 4	Family Consumer Sci	Occupational		
Ceramics/Three Dimensional Art	Arts	Fine Arts		
Ceramics-Advanced 3D Art	Arts	Fine Arts		
Chemistry 1-2	Science	Lab Science		
Chemistry—Advanced 3-4	Science	Lab Science		
Chemistry—Advanced Placement	Science	Lab Science		
Children's Theater 1, 2	English/Language Arts	English/LangArts senior only	Fine Arts	
Chinese	World Language	World Language		

COURSE TITLE	CATALOG SECTION	CREDIT	CREDIT	CREDIT
Choir	Arts	Fine Arts		
Choir – Advanced	Arts	Fine Arts		
Choir--Chamber	Arts	Fine Arts		
Choir--Concert	Arts	Fine Arts		
Choir--Ensemble	Arts	Fine Arts		
Choir—Jazz Ensemble	Arts	Fine Arts		
Choir--Show	Arts	Fine Arts		
Civics	Social Studies	Civics		
College Writing	English/Language Arts	English/LangArts		
Communicative Arts	English/Language Arts	English/LangArts		
Community Lab	Special Services	Occupational	IEP Determined	
Comparative Government AP	Social Studies	Social Studies		
Competitive Speaking	English/Language Arts	LangArts Elective		
Computer Applications, Advanced	Business & Marketing	Occupational		
Computer Network Engineer 1,2,3,4	Career & Tech Ed	Occupational		
Computer Science 1-2	Math	Math-3 <sup>rd</sup> year*	Non-lab Science	
Computer Science--A. P.	Math	Math-3 <sup>rd</sup> year*	Non-lab Science	
Computer Systems Engineer 1,2,3,4	Career & Tech Ed	Occupational		
Computer Technician--C. S.	Career & Tech Ed	Occupational		
Conditioning	Physical Education	PE		
Creative Writing	English/Language Arts	English/LangArts		
Culinary Arts--Advanced	Career & Tech Ed	Occupational	Non-lab Science	
Culinary Arts--Beginning	Career & Tech Ed	Occupational	Non-lab Science	
Culinary Arts--Contract Study	Career & Tech Ed	Occupational	Non-lab Science	
Debate 1, 2	English/Language Arts	English/LangArts		
Digitools	Business & Marketing	Occupational		
Digital Photography 1,2	Career & Tech Ed	Occupational	Fine Arts	
Engineering Design and Architecture 1,2,3,4,5,6	Career & Tech Ed	Occupational	Math-3 <sup>rd</sup> year*	
Engineering Design and Architecture Contract Study 1,2	Career & Tech Ed	Occupational	Math-3 <sup>rd</sup> year*	
Drawing 1, 2	Arts	Fine Arts	Occupational	
Economics	Social Studies	Social Studies		
Electronics 1,2,3,4	Career & Tech Ed	Occupational	Math-3 <sup>rd</sup> year*	Non-Lab Science
ELL Language Arts 1, 2, 3	ELL	English/LangArts		
ELL Study Skills	ELL	Elective		
ELL US History	ELL	US History		
Environmental Biology	Science	Lab Science		
Environmental Horticulture	Career & Tech Ed	Occupational	Non-lab Science	
Environmental Science A.P.	Science	Lab Science		
European History--A.P.	Social Studies	Social Studies		
Fabric Design	Arts	Fine Arts	Occupational	
Fabric Design--Advanced	Arts	Fine Arts	Occupational	
Fashion Apparel & Design 1-2	Family Consumer Sci	Occupational	Fine Arts	
Field Sports	Physical Education	PE		
Floral Design and Marketing	Career & Tech Ed	Occupational	Non-lab Science	
Food Science & Nutrition	Family Consumer Sci	Occupational	Lab Science	
Foundations of Algebra & Geometry	Math	Elective		

<b>COURSE TITLE</b>	<b>CATALOG SECTION</b>	<b>CREDIT</b>	<b>CREDIT</b>	<b>CREDIT</b>
French 1,2,3,4,5,6,7,8, AP	World Language	World Language		
Geology	Science	Lab Science		
Geometry 1,2	Math	Geometry		
German 1,2,3,4,5,6,7,8, AP	World Languages	World Language		
Global Issues	Social Studies	Global Issues		
Golf	Physical Education	PE		
Graphic Design & Production	Career & Tech Ed	Occupational	Fine Arts	
Graphic Design & Production--C.S.	Career & Tech Ed	Occupational	Fine Arts	
Guidance Office Assistant	Miscellaneous	Elective		
Guitar--Advanced	Arts	Fine Arts		
Guitar--Beginning	Arts	Fine Arts		
Health	Physical Education	Health		
Hockey/Soccer	Physical Education	PE		
Horticulture Science	Career & Tech Ed	Occupational	Non-lab Science	
Human Anatomy/Physiology	Career and Tech Ed	Occupational	Lab Science	Health
Human Geography, Advanced Placement	Social Studies	Social Studies		
Human Survival	Physical Education	Health		
Humanities	English/Language Arts	English/LangArts		
Independent Living	Family Consumer Sci	Occupational		
Individualized Literature	English/Language Arts	English/LangArts		
Interactive Media and Gaming 1,2,3,4	Career & Tech Ed	Occupational		
Interior Design	Family Consumer Sci	Occupational	Fine Arts	
Introduction to Children's Theater 1, 2	Arts	Fine Arts		
Japanese 1,2,3,4,5,6,7,8, AP	World Languages	World Language		
Jewelry/Small Metal Sculpture 1, 2, 3, 4, C.S.	Arts	Occupational	Fine Arts	
Journalistic Writing	English/Language Arts	English/LangArts		
JROTC	Career & Tech Ed	Occupational	PE (.5 cred after 2 semesters)	Civics (.5 cred after 4 semesters)
Language Arts SE 1,2,3,4,5	Special Services	English/LangArts		
Language Arts 9 Intervention 1-2	English/Language Arts	Elective		
Language Arts 9	English/Language Arts	English/LangArts		
Language Arts 9--Honors	English/Language Arts	English/LangArts		
Language Arts Intervention 1-2	English/Language Arts	Elective	English/LA 11, 12 grades	
Language Arts 10	English/Language Arts	English/LangArts		
Language Arts 10 – Basic	English/Language Arts	English/LangArts		
Language Arts 10--Honors	English/Language Arts	English/LangArts		
Language & Composition—A.P.	English/Language Arts	English/LangArts		
Latin 1,2,3,4,5,6	World Languages	World Language		
Law & Society	Business & Marketing	Occupational		
Leadership	Leadership	Elective		
Leadership--Advanced	Leadership	Elective		
Library/Technician Assistant	Miscellaneous	Elective		
Literature & Composition--A.P.	English/Language Arts	English/LangArts		
Marine Biology	Science	Lab Science		
Business & Marketing Foundations/DECA	Business & Marketing	Occupational		
Marketing/DECA	Business & Marketing	Occupational		
Marketing Project Management/DECA	Business & Marketing	Occupational		

COURSE TITLE	CATALOG SECTION	CREDIT	CREDIT	CREDIT
Marketing & Business Administration /DECA	Business & Marketing	Occupational		
Marketing--Sports & Entertainment Marketing	Business & Marketing	Occupational		
Marketing Store Retail Operations 1,2	Business & Marketing	Occupational		
Marktg Store Operations Small Business	Business & Marketing	Occupational		
Marketing Work-Based Learning	Business & Marketing	Occupational		
Mathematics for Business and Personal Finance	Business & Marketing	Occupational	Math-3 <sup>rd</sup> year*	
Math Intervention 1-2	Math	Elective		
Mathematics SE 1,2,3,4	Special Services	Math		
Macroeconomics, Advanced Plcmnt	CTE	Occupational	Social Studies	
Microeconomics, Advanced Plcmnt	CTE	Occupational	Social Studies	
Microsoft Office Specialist 1,2,3	Business & Marketing	Occupational		
Music Theory-Advanced Placement	Arts	Fine Arts		
Natural Resources 1, 2, 3, 4	Career & Tech Ed	Occupational	Non-lab Science	
Newspaper Staff	English/Language Arts	English/LangArts		
Next Generation Science Course 1, 2	Science	Lab Science		
Nutrition & Wellness	Family Consumer Sci	Occupational	Health	
Orchestra & Orchestra--Chamber	Arts	Fine Arts		
Orientation	Miscellaneous	Elective		
Outdoor Recreation	Physical Education	PE		
Painting	Arts	Fine Arts		
Peer Tutor	Miscellaneous	Elective		
Physical Education--Introduction	Physical Education	PE		
Physical Education—Team Sports	Physical Education	PE		
Physics 1,2	Science	Lab Science	Math-3 <sup>rd</sup> year*	
Physics – Advanced Placement 1-2	Science	Lab Science	Math-3 <sup>rd</sup> year*	
Poetry	English/Language Arts	English/LangArts		
Power, Energy & Transportation	Career & Tech Ed	Occupational	Math-3 <sup>rd</sup> year*	Non-lab Science
Power, Energy & Transportation--Adv	Career & Tech Ed	Occupational	Math-3 <sup>rd</sup> year*	Non-lab Science
Preventive Medicine	Career & Tech Ed	Occupational	Health	PE
Psychology 1-2	Social Studies	Social Studies		
Psychology – Advanced Placement	Social Studies	Social Studies		
Racquet Sports	Physical Education	PE		
Reading Lab	English/Language Arts	English/LangArts		
Registration Office Assistant	Miscellaneous	Elective		
Robotics	Career & Tech Ed	Occupational	Math-3 <sup>rd</sup> year*	
Science Links	Science	Lab Science		
Seminar, Advanced Placement	English/Language Arts	English/LangArts		
Shakespeare	English/Language Arts	English/LangArts		
Societies of the Future	English/Language Arts	English/LangArts		
Sociology 1-2	Social Studies	Social Studies		
Spanish 1,2,3,4,5,6,7,8, AP	World Languages	World Language		
Special Services Social Skills	Special Services	IEP Determined		
Sports Literature	English/Language Arts	English/LangArts		
Sports Medicine	Career & Tech Ed	Occupational	Non-lab Science	PE w/medical waiver
Sports Medicine--Advanced	Career & Tech Ed	Occupational	Non-lab Science	PE w/medical waiver
Statistics 1-2, Advanced Placement	Math	Math-3 <sup>rd</sup> year*		

COURSE TITLE	CATALOG SECTION	CREDIT	CREDIT	CREDIT
Structured Learning	Special Services	IEP Determined		
Studio Art/2D, Advanced Placement	Arts	Fine Arts		
Study Skills	Miscellaneous	Elective		
Swim Conditioning	Physical Education	PE		
Teacher Assistant	Miscellaneous	Elective		
Theater History	English/Language Arts	Senior English/LangArts	Social Studies	
Technical Theatre	Arts	Fine Arts		
Two-Dimensional (2-D) Art	Arts	Fine Arts		
United States History 1-2	Social Studies	US History		
United States History 1-2--A.P.	Social Studies	US History		
United States History – Basic	Social Studies	US History		
United States Politics & Gov't--AP	Social Studies	Social Studies		
Visual Communications 1	Career & Tech Ed	Occupational	Fine Arts	
Visual Communications 2	Career & Tech Ed	Occupational	Fine Arts	
Visual Communications--C.S.	Career & Tech Ed	Occupational	Fine Arts	
Volleyball	Physical Education	PE		
Volleyball--Advanced	Physical Education	PE		
Washington State History	Social Studies	WA State Hist	Social Studies	
Water Sports	Physical Education	PE		
Weight Training	Physical Education	PE		
Weight Training--Advanced	Physical Education	PE		
Welding 1, 2	Career & Tech Ed	Occupational		
Woodworking & Design 1-2	Career & Tech Ed	Occupational		
Woodworking & Design 3-4	Career & Tech Ed	Occupational	Math-3 <sup>rd</sup> year*	
Woodworking & Design 5-6	Career & Tech Ed	Occupational	Fine Arts	Math-3 <sup>rd</sup> year*
Work-Based-Learning	Career & Tech Ed	Occupational		
World Geography	Social Studies	Social Studies		
World Studies	Social Studies	Social Studies		
World Wide Web Publishing 1,2,3,4	Career & Tech Ed	Occupational	Fine Arts	
Writing Lab	English/Language Arts	English /LangArts		
Yearbook 1-2	Career & Tech Ed	Occupational	English/LangArts	
Yearbook Production	English/Language Arts	English /LangArts		





The table below shows a list of the courses offered at each individual high school in the Auburn School District.

COURSE TITLE	CATALOG SECTION	AHS	AMHS	ARHS
Accounting 1,2,3,4	Business & Marketing	✓	✓	
Acting 1,2,3,4,5,6,7,8	Arts	✓	✓	✓
Administrative Office Assistant	Miscellaneous	✓	✓	✓
Advanced Algebra & Trigonometry	Math	✓	✓	✓
Aerobic Walking	Physical Education	✓	✓	✓
Aerobics	Physical Education	✓	✓	✓
Aerospace Assembly	Career & Tech Ed	✓	*	*
Algebra 1,2	Math	✓	✓	✓
American Literature & Writing	English/Language Arts	✓	✓	✓
American Literature & Writing-Basic	English/Language Arts			✓
American Sign Language 1-6	Occupational			✓
ASB Assistant	Miscellaneous		✓	✓
Astronomy	Science	✓	✓	✓
Attendance Office Assistant	Miscellaneous	✓	✓	✓
Automotive Technology--Advanced	Career & Tech Ed	✓	*	*
Automotive Technology--Beginning	Career & Tech Ed	✓	*	*
Automotive Technology--C.S.	Career & Tech Ed	✓	*	*
Automotive--Small Gas Engines	Career & Tech Ed	✓		
Band – Concert	Arts		✓	✓
Band – Flag Line	Arts		✓	
Band--Jazz Ensemble	Arts	✓	✓	✓
Band--Marching	Arts	✓	✓	✓
Band--Percussion, Beginning	Arts	✓	✓	✓
Band--Percussion, Ensemble	Arts	✓	✓	✓
Band--Symphonic	Arts	✓	✓	✓
Band--Wind Ensemble	Arts	✓	✓	✓
Basketball	Physical Education	✓	✓	✓
Basketball--Advanced	Physical Education	✓		✓
Beyond Advanced Algebra & Trig 1,2	Math	✓	✓	✓
Biology 1-2	Science	✓	✓	✓
Biology--Advanced Placement	Science	✓	✓	✓
Biology-Basic	Science			✓
Calculus 1,2, Advanced Placement	Math	✓	✓	✓
Career Center Assistant	Miscellaneous	✓	✓	✓
Careers with Children 1, 2, 3, 4	Family Consumer Sci	✓	✓	✓
Ceramics/Three Dimensional Art	Arts	✓	✓	✓
Ceramics-Advanced 3D Art	Arts	✓		✓
Chemistry 1-2	Science	✓	✓	✓
Chemistry—Advanced 3-4	Science	✓		
Chemistry—Advanced Placement	Science			✓
Children's Theater 1, 2	English/Language Arts	✓	✓	
Chinese	World Language	✓		
Choir	Arts			✓
Choir – Advanced	Arts		✓	✓
Choir--Chamber	Arts	✓	✓	

COURSE TITLE	CATALOG SECTION	AHS	AMHS	ARHS
Choir--Concert	Arts	✓	✓	✓
Choir--Ensemble	Arts	✓	✓	
Choir--Jazz Ensemble	Arts	✓	✓	✓
Choir--Show	Arts	✓	✓	
Civics	Social Studies	✓	✓	✓
College Writing	English/Language Arts	✓	✓	✓
Communicative Arts	English/Language Arts		✓	✓
Community Lab	Special Services	✓	✓	✓
Comparative Government AP	Social Studies			✓
Competitive Speaking	English/Language Arts		✓	✓
Computer Applications, Advanced	Business & Marketing	✓		✓
Computer Network Engineer 1,2,3,4	Career & Tech Ed		✓	✓
Computer Science 1-2	Math	✓	✓	✓
Computer Science--A. P.	Math	✓	✓	✓
Computer Systems Engineer 1,2,3,4	Career & Tech Ed	✓	✓	✓
Computer Technician--C. S.	Career & Tech Ed			
Conditioning	Physical Education			✓
Creative Writing	English/Language Arts	✓	✓	✓
Culinary Arts--Advanced	Career & Tech Ed	✓	✓	✓
Culinary Arts--Beginning	Career & Tech Ed	✓	✓	✓
Culinary Arts--Contract Study	Career & Tech Ed	✓		✓
Debate 1, 2	English/Language Arts	✓	✓	✓
Digitools	Business & Marketing	✓	✓	
Digital Photography	Career & Tech Ed		✓	✓
Drawing 1, 2	Arts	✓	✓	✓
Economics	Social Studies			✓
Electronics 1,2,3,4	Career & Tech Ed	✓	✓	✓
ELL Language Arts 1, 2, 3	ELL	✓	✓	✓
ELL Study Skills	ELL	✓	✓	✓
ELL US History	ELL		✓	
Engineering Design and Architecture 1-6	Career & Tech Ed	✓	✓	✓
Environmental Biology	Science	✓	✓	✓
Environmental Science A.P.	Science	✓	✓	
Environmental Horticulture	Career & Tech Ed			
European History--A.P.	Social Studies	✓	✓	✓
Fabric Design	Arts			
Fabric Design--Advanced	Arts			
Fashion Apparel & Design 1-2	Family Consumer Sci		✓	✓
Field Sports	Physical Education			✓
Floral Design and Marketing	Career & Tech Ed		✓	
Food Science & Nutrition	Family Consumer Sci			
Foundations of Algebra & Geometry	Math		✓	
French 1,2,3,4,5,6,7,8, AP	World Language	✓	✓	✓
Geology	Science	✓	✓	
Geometry 1,2	Math	✓	✓	✓
German 1,2,3,4,5,6,7,8, AP	World Languages			✓
Global Issues	Social Studies	✓	✓	✓

COURSE TITLE	CATALOG SECTION	AHS	AMHS	ARHS
Golf	Physical Education		✓	
Graphic Design & Production	Career & Tech Ed	✓	✓	✓
Graphic Design & Production--C.S.	Career & Tech Ed	✓		✓
Guidance Office Assistant	Miscellaneous	✓	✓	✓
Guitar--Advanced	Arts	✓		
Guitar--Beginning	Arts	✓		
Health	Physical Education	✓	✓	✓
Hockey/Soccer	Physical Education	✓	✓	
Horticulture Science	Career & Tech Ed	✓	✓	
Human Anatomy/Physiology	Career and Tech Ed	✓	✓	✓
Human Geography, Advanced Placement	Social Studies	✓	✓	✓
Human Survival	Physical Education		✓	✓
Humanities	English/Language Arts	✓	✓	✓
Independent Living	Family Consumer Sci	✓	✓	✓
Individualized Literature	English/Language Arts		✓	✓
Interactive Media and Gaming 1,2,3,4	Career & Tech Ed	*	*	*
Interior Design	Family Consumer Sci	✓	✓	✓
Introduction to Children's Theater, 1,2	Arts			✓
Japanese 1,2,3,4,5,6,7,8, A.P.	World Languages		✓	✓
Jewelry/Small Metal Sculpture 1, 2, 3, 4, C.S.	Arts	✓	✓	✓
Journalistic Writing	English/Language Arts	✓	✓	✓
JROTC	Career & Tech Ed	*	✓	*
Language Arts SE 1,2,3,4,5	Special Services	✓	✓	✓
Language Arts 9 Intervention 1-2	English/Language Arts	✓	✓	
Language Arts 9	English/Language Arts	✓	✓	✓
Language Arts 9--Honors	English/Language Arts	✓	✓	✓
Language Arts Intervention 1-2	English/Language Arts	✓	✓	✓
Language Arts 10	English/Language Arts	✓	✓	✓
Language Arts 10 – Basic	English/Language Arts			✓
Language Arts 10--Honors	English/Language Arts	✓	✓	✓
Language & Composition—A.P.	English/Language Arts	✓	✓	✓
Latin 1,2,3,4,5,6	World Languages		✓	
Law & Society	Business & Marketing	✓	✓	
Leadership	Leadership	✓	✓	✓
Leadership--Advanced	Leadership	✓	✓	✓
Library/Technician Assistant	Miscellaneous		✓	✓
Literature & Composition--A.P.	English/Language Arts	✓	✓	✓
Marine Biology	Science	✓	✓	✓
Business & Marketing Foundations/DECA	Business & Marketing	✓	✓	✓
Marketing/DECA	Business & Marketing	✓	✓	✓
Marketing Project Management/DECA	Business & Marketing	✓	✓	✓
Marketing & Business Administration /DECA	Business & Marketing	✓	✓	✓
Marketing--Sports & Entertainment Marketing	Business & Marketing	✓	✓	✓
Marketing Store Retail Operations 1,2	Business & Marketing	✓	✓	✓
Marketing Store Operations Small Business	Business & Marketing	✓	✓	✓
Marketing Work-Based Learning	Business & Marketing	✓	✓	✓

COURSE TITLE	CATALOG SECTION	AHS	AMHS	ARHS
Mathematics for Business and Personal Finance	Business & Marketing	✓	✓	✓
Math Intervention 1-2	Math		✓	✓
Mathematics SE 1,2,3,4	Special Services	✓	✓	✓
Macroeconomics, Advanced Plcmnt	CTE	✓		
Microeconomics, Advanced Plcmnt	CTE	✓		
Microsoft Office Specialist 1,2,3	Business & Marketing		✓	
Music Theory-Advanced Placement	Arts			✓
Natural Resources 1, 2, 3, 4	Career & Tech Ed			
Newspaper Staff	English/Language Arts	✓	✓	✓
Next Generation Science Course 1, 2	Science	✓	✓	✓
Nutrition & Wellness	Family Consumer Sci	✓	✓	✓
Orchestra & Orchestra--Chamber	Arts	✓	✓	✓
Orientation	Miscellaneous	✓	✓	✓
Outdoor Recreation	Physical Education			✓
Painting	Arts	✓	✓	✓
Peer Tutor	Miscellaneous	✓		✓
Physical Education--Introduction	Physical Education	✓	✓	
Physical Education—Team Sports	Physical Education			✓
Physics 1,2	Science	✓	✓	✓
Physics – Advanced Placement 1-2	Science			✓
Poetry	English/Language Arts		✓	
Power, Energy & Transportation	Career & Tech Ed			✓
Power, Energy & Transportation--Adv	Career & Tech Ed			✓
Pre-Calculus 1-2	Math	✓	✓	✓
Preventive Medicine	Career & Tech Ed	✓	✓	✓
Psychology 1-2	Social Studies	✓	✓	✓
Psychology – Advanced Placement	Social Studies			✓
Racquet Sports	Physical Education	✓	✓	✓
Reading Lab	English/Language Arts	✓		✓
Registration Office Assistant	Miscellaneous	✓	✓	
Robotics Technology	Career & Tech Ed	✓	✓	✓
Science Links	Science	✓	✓	✓
Seminar, Advanced Placement	English/Language Arts		✓	✓
Shakespeare	English/Language Arts			✓
Societies of the Future	English/Language Arts		✓	✓
Sociology 1-2	Social Studies	✓	✓	✓
Spanish 1,2,3,4,5,6,7,8, AP	World Languages	✓	✓	✓
Special Services Social Skills	Special Services		✓	
Sports Literature	English/Language Arts		✓	✓
Sports Medicine	Career & Tech Ed	✓	✓	✓
Sports Medicine--Advanced	Career & Tech Ed	✓	✓	✓
Statistics 1-2, Advanced Placement	Math	✓	✓	✓
Structured Learning	Special Services	✓		
Studio Art/2D, Advanced Placement	Career & Tech Ed	✓	✓	✓
Study Skills	Miscellaneous	✓	✓	✓
Swim Conditioning	Physical Education	✓	*	*

COURSE TITLE	CATALOG SECTION	AHS	AMHS	ARHS
Teacher Assistant	Miscellaneous		✓	✓
Theater History	English/Language Arts	✓	✓	
Technical Theatre	Arts	✓	✓	✓
Two-Dimensional (2-D) Art	Arts			✓
United States History 1-2	Social Studies	✓	✓	✓
United States History 1-2--A.P.	Social Studies	✓	✓	✓
United States History – Basic	Social Studies			✓
United States Politics & Gov't--AP	Social Studies	✓	✓	✓
Visual Communications 1	Career & Tech Ed	✓	✓	✓
Visual Communications 2	Career & Tech Ed	✓	✓	✓
Visual Communications--C.S.	Career & Tech Ed	✓	✓	✓
Volleyball	Physical Education	✓	✓	✓
Volleyball--Advanced	Physical Education	✓	✓	✓
Washington State History	Social Studies	✓	✓	✓
Water Sports	Physical Education	✓		
Weight Training	Physical Education	✓	✓	✓
Weight Training--Advanced	Physical Education	✓	✓	✓
Welding 1, 2	Career & Tech Ed	✓	*	*
Woodworking & Design 1-2	Career & Tech Ed	✓	✓	✓
Woodworking & Design 3-4	Career & Tech Ed	✓	✓	✓
Woodworking & Design 5-6	Career & Tech Ed	✓	✓	✓
Work-Based-Learning	Career & Tech Ed	✓	✓	✓
World Geography	Social Studies	✓	✓	✓
World Studies	Social Studies	✓	✓	✓
World Wide Web Publishing 1,2,3,4	Career & Tech Ed		✓	✓
Writing Lab	English/Language Arts	✓		
Yearbook 1-2	Career & Tech Ed	✓	✓	✓
Yearbook Production	English/Language Arts	✓	✓	



# **FINE ARTS**

**Performing** (pg. 87)

**Visual** (pg. 95)

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# PERFORMING ARTS

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## **FINE ARTS -- PERFORMING ARTS -- COURSE LISTINGS**

**All courses taken in this area of study count towards Fine Arts credit requirements.**

<b><u>Class</u></b>	<b><u>Course Number</u></b>	<b><u>Page(s)</u></b>
Band – Concert .....	MUS 105, 106.....	89
Band – Flag Line.....	MUS 141 .....	89
Band - Jazz Ensemble .....	MUS 130, 131 .....	89
Band – Marching.....	MUS 140.....	89
Band – Percussion – Beginning.....	MUS 120, 121 .....	89
Band – Percussion – Advanced.....	MUS 122, 123 .....	90
Band – Symphonic.....	MUS 125, 126.....	90
Band – Wind Ensemble .....	MUS 115, 116.....	90
Choir .....	MUS 205, 206.....	90
Choir – Advanced .....	MUS 225, 226.....	90
Choir – Chamber.....	MUS 220, 221 .....	91
Choir – Concert.....	MUS 210, 211 .....	91
Choir – Ensemble.....	MUS 200, 201 .....	91
Choir – Jazz Ensemble.....	MUS 230, 231 .....	91
Choir – Show Choir .....	MUS 215, 216.....	91
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Music Theory—Advanced Placement .....	MUS 501, 502.....	92
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Orchestra – Chamber .....	MUS 302, 303 .....	92
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Acting 3-4 .....	ART 123, 124.....	93
Acting 5-6 .....	ART 125, 126.....	93
Acting 7-8.....	ART 127, 128 .....	93
Introduction to Children’s Theatre.....	ART 116, 117 .....	93
Technical Theatre.....	ART 114, 115.....	94

**BAND – CONCERT (MUS 105, 106)**

**OPEN TO:** 9 Full Year Course

**PREREQUISITE:** Participation in a middle school or junior high band program or private lessons giving the equivalent skill of three years in a school band program

Students will perfect ensemble skills, intonation skills, counting skills, and extend the controlled range of their respective instrument. Opportunity to learn a new band instrument will be provided if the student or the district has the desired instrument. Students will develop skills and understanding of music performance at the high school level in preparation for their enrollment in either Symphonic or Wind Ensemble the following year. Performance tests will be given periodically to monitor student progress. Concert attire is required. *Freshmen may only enroll in a higher level band with teacher recommendation and instructor approval.*

**BAND – FLAG LINE (MUS 141)**

**OPEN TO:** 9, 10, 11, 12 Fall Semester Only  
.25 credit

**PREREQUISITE:** Enrollment in Marching Band

Flag line students will learn flag routines and body and dance movements to be performed with the marching band (concurrent enrollment in marching band is required). Tryouts, which will include a learned routine and the recommendation of several teachers, will be held at the end of the spring semester. Approximately ten summer practices will be held. Participation in the August Band Camp is required. Fundraising projects will be provided to assist students in raising the funds necessary for flag line.

**BAND – JAZZ ENSEMBLE (MUS 130, 131)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Audition and membership in Percussion, Symphonic Band, Concert Band or Wind Ensemble

Jazz Band is an audition only class. Traditional jazz instrumentation is used. Students will study theory, techniques, history, skills, and styles of jazz as applied to the ensemble. Students are expected to be serious, competent musicians with enthusiasm for performing. They will perform at several jazz concerts and festivals throughout the northwest. Instrumentation may be limited. Jazz Band may be held during zero period.

**BAND – MARCHING (MUS 140)**

**OPEN TO:** 9, 10, 11, 12 One Semester or Full Year Course

**PREREQUISITE:** Concurrent enrollment in any music class

Since all rehearsals and performances are held outside regular school hours, students must be willing and able to put in from five to ten hours per week during marching band season. All participants are required to attend the band camp before school starts. Fundraising projects will be provided to assist students in earning the funds necessary for participation in marching band. Students will perform at all home football games, local parades, and other community events.

**BAND-PERCUSSION (MUS 120, 121)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Approval of band teacher

Percussion students will learn fundamental percussion and keyboard skills. Emphasis will be placed on learning the essential skills of the entire percussion family including snare drum, bass drum, timpani, all keyboard instruments, hand percussion, cymbals, etc. These skills will be implemented in the percussion literature of all the concert bands, orchestra, marching band, and percussion ensembles. Participation in GRMR Solo and Ensemble contest is required as well as all of the chamber music concerts.

**BAND – PERCUSSION – ADVANCED (MUS 122, 123)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Teacher’s signature and audition

Percussion students will learn and perfect fundamental percussion techniques to be performed with the band and as percussion ensembles. This class will serve as the percussion section for the Wind Ensemble, Symphonic Band, and Orchestra. A full year of this class is designed to prepare students to pass the Arts assessment at the benchmark 3 level.

**BAND – SYMPHONIC (MUS 125, 126)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Teacher’s signature

Students will continue to develop skills and understandings of music performance at the advanced level. Students will rehearse daily in class and play at all scheduled concerts and other performances held during the year. They are expected to maintain a daily home practice schedule and to participate in scheduled sectional rehearsals. Performance tests will be given periodically to monitor student progress. Music selected will be for the large symphonic ensemble. Concert attire is required. All students enrolled in Symphonic Band may be required to participate in Pep Band for all home football and basketball games. Preparation for these performances will be done in class.

**BAND – WIND ENSEMBLE (MUS 115, 116)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Teacher’s signature and audition

The Wind Ensemble is comprised of the most outstanding wind players. Enrollment prerequisite includes an audition by the music instructor who will select a balanced instrumentation of members. The group is comprised mostly of juniors and seniors. However, exceptional freshmen and sophomore students are accepted by audition. Members are expected to maintain a rigorous daily home practice schedule and to participate in all scheduled section rehearsals and performances. Performance tests will be given periodically to monitor student progress. Audition for the class is held early in the spring semester. Concert attire is required. Enrollment in the Wind Ensemble may require participation in the Pep Band. The Pep Band performs at all home football games and ten home basketball games.

**CHOIR (MUS 205, 206)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course.

**PREREQUISITE:** Interest in choral music; willingness to learn and actively participate in choir class

Students will, in daily rehearsal, learn music fundamentals, vocal production, choral style techniques and concepts. They will learn to follow verbal directions and conducting gestures. Students will grasp the concepts of self-worth, self-discipline and the individual’s contribution to the group. Attendance of daily rehearsal, written and vocal performance tests, participation in assigned and graded concerts, and contests are important parts of the assigned grade. Concert attire is required.

**CHOIR—ADVANCED (MUS 225, 226)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Interest in choral music and willingness to learn  
Teacher permission or audition

Students will, in daily rehearsal, expand their knowledge of music fundamentals, vocal production, choral style techniques and concepts. They will advance their understanding of how to follow verbal directions and conducting gestures. Students will grasp the concepts of self-worth, self-discipline and the individual’s contribution to the group. Attendance of daily rehearsal, written and vocal performance tests, participation in assigned and graded concerts, are important parts of the assigned grade. Concert tour(s) and contents may also be required, and may involve overnight travel. Concert attire is required. Fundraising projects will be provided to help students raise funds necessary for Advanced Choir activities. Auditions will be held early in spring semester for the following year’s ensemble.

**CHOIR – CHAMBER (MUS 220, 221)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course

***PREREQUISITE:*** Audition and Teacher signature

Advanced vocal students will refine their knowledge of music fundamentals, vocal production, choral style techniques and concepts through the performance of a variety of advanced choral literature. They will expand their understanding of how to follow verbal directions and conduction gestures. Attendance of daily rehearsal, written and vocal performance tests, participation in assigned and graded concerts are important parts of the assigned grade.

**CHOIR – CONCERT (MUS 210, 211)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course

***PREREQUISITE:*** Audition

Students will study various styles and periods of choral literature; and learn and refine their knowledge of music fundamentals, vocal production, choral style techniques and concepts. Special attention will be given to choral reading and singing techniques. Students will learn to follow verbal directions and conducting gestures; and grasp the concepts of self-worth, self-discipline, and the individual's responsibility and contribution to the group. Attendance of daily rehearsal, written and vocal performance tests, daily practice outside of class, participation in assigned and graded concerts, and contests are important parts of the assigned grade.

**CHOIR – ENSEMBLE (MUS 200, 201)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course

***PREREQUISITE:*** Teacher's signature

Students will learn the basics of good vocal production, stylistic tendencies, and music fundamentals relating to choral music. Attention will be focused on choral literature of various periods/styles and its performance. Through rehearsal of various choral literatures, students will learn the parts, style and technique used in each. Students will learn music fundamentals, vocal fundamentals, and concepts relating to choral style and technique through performance. Performances will be a required expectation of the class as part of the assigned grade. A full year of this class is designed to prepare students to pass the Arts assessment at the benchmark 3 level now required by the state for high school graduation.

**CHOIR – JAZZ ENSEMBLE (MUS 230, 231)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course

***PREREQUISITE:*** Audition and Teacher signature  
Membership in Concert, Chamber, or Cantabile Choirs

Students will learn and refine their understanding of music fundamentals, vocal production, jazz techniques and harmony through the study and performance of a variety of vocal jazz literature. They will learn fundamentals of solo and group performance, sophisticated harmonies, theory and vocal techniques in a pop/jazz idiom. Students must develop a professional attitude towards performing; and will be expected to attend daily rehearsals, written and vocal performance tests, and practices outside class. Participation in school, community, and contest performances are part of the assigned grade.

**CHOIR – SHOW (MUS 215, 216)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course

***PREREQUISITE:*** Audition and Teacher signature  
Membership in Concert, Chamber, or Cantabile Choirs

Through daily rehearsal of pop/show-style choral literature, the student will learn vocal technique and choreography. The students will also learn the appropriately styled dance of different time periods as it relates to the music. Through choreographed musical selections, the student will develop professional performance style and technique. A calendar of area performances will be established as part of the assigned grade, and students will be expected to attend all performances.

### **GUITAR – BEGINNING (MUS 401)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** Must be a beginning guitarist with less than six months playing experience  
Must own or rent an acoustic guitar  
Must purchase a guitar lesson book

Beginning Guitar students will learn correct fingering of the guitar, reading both traditional and tablature notation, basic chord vocabulary, and picking/rhythm styles. A variety of song styles will be used: pop, folk, classical, and jazz. Students will be expected to have daily attendance, complete work on time, always bring guitar and notebook to each class, make good use of practice time, take notes during lectures, and have a desire to learn many styles of playing. All songs presented will be demonstrated by the teacher, with material and techniques becoming progressively more difficult.

### **GUITAR – ADVANCED (MUS 402)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** Teacher's signature or audition  
Successful completion of Beginning Guitar  
Must own or rent an acoustic guitar  
Must purchase a guitar lesson book

Advanced Guitar students will study in more depth correct fingering of the guitar, reading both traditional and tablature notation, more extensive chord vocabulary, and picking/rhythm styles. A variety of song styles will be used: pop, folk, classical, and jazz. Students will be expected to have daily attendance, complete work on time, always bring guitar and notebook to each class, make good use of practice time, take notes during lectures, and have a desire to learn many styles of playing.

### **MUSIC THEORY – ADVANCED PLACEMENT (MUS 501, 502)**

**OPEN TO:** 12                                      One Semester Course or Full Year Course

**PREREQUISITE:** Current & continued enrollment in a music performance class

AP Music Theory will allow students the opportunity to expand their music education to include the history and fundamentals behind the music we already perform. The description from the college board state: "The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score."

### **ORCHESTRA (MUS 300, 301)**

**OPEN TO:** 9, 10, 11, 12                      Full Year Course

**PREREQUISITE:** Teacher's signature

Students will continue to develop technical, ensemble, and performance skills and increase their knowledge of music fundamentals. While primarily a performance class, students will learn the historical, cultural, and aesthetic background of the works being performed. Performance opportunities will include full symphony and string orchestra literature in addition to small ensemble and solo experiences. Regular practice outside class and attendance at all performances are required.

### **ORCHESTRA – CHAMBER (MUS 302, 303)**

**OPEN TO:** 9, 10, 11, 12                      Full Year Course

**PREREQUISITE:** Teacher's signature

Students will continue to strengthen music fundamentals including rhythm, reading including counting system, tonality, scales, scale construction, tone production, style, and musical terms. Students will perform in large groups and smaller ensembles. Attendance is required at all performances.

**ACTING 1 (ART 121)**

***OPEN TO:*** 9, 10, 11, 12

One Semester Course

***PREREQUISITE:*** None

This introductory course gives students a chance to take part in many different phases of acting. Students will learn by doing, while focusing on areas such as; stage terminology, pantomime, improvisation, play reading, scene and monologue presentation, skills taught are applicable to student-lead conferences and public speaking. Attendance and the ability to work independently and in small groups are very important.

**ACTING 2 (ART 122)**

***OPEN TO:*** 9, 10, 11, 12

One Semester Course

***PREREQUISITE:*** A or B in Acting 1

Students will build on skills in voice, movement, and auditioning learned in Acting 1. Students will participate in advanced work in many areas of acting and may have the opportunity to perform for groups outside of class. They will learn by doing, with primary focus on character development through scene and monologue work. Student will gain confidence in real world public speaking situations, i.e., auditions job interviews, etc. Some work will be done on voice, movement and auditioning skills.

**ACTING 3-4 (ART 123, 124)**

***OPEN TO:*** 10, 11, 12

Full Year Course or can be taken as two semesters

***PREREQUISITE:*** Teacher's signature

Skills covered in these classes include: musical theatre, auditioning skills, dramaturgy, advanced voice and movement training.

Acting 3: Focus is on acting styles from all major theatrical periods with primary focus on Shakespeare.

Acting 4: Will focus on contemporary acting styles from 1900 to the present.

**ACTING 5-6 (ART 125, 126)**

***OPEN TO:*** 11, 12

Full Year Course or can be taken as two semesters

***PREREQUISITE:*** Teacher's signature or A or B in Acting 3-4

Students further develop work in voice and movement and period acting styles and begin work on directing skills. They also refine studies in a variety of major theatrical periods. Students continue scene study and work in current acting training. Students may direct a one-act play or ten-minute scene as their final presentation.

**ACTING 7-8 (ART 127, 128)**

***OPEN TO:*** 11, 12

Full Year Course or may be taken as two semesters

***PREREQUISITE:*** A or B in Acting 5-6  
Teacher's signature

This class provides advanced study of the language of classical texts and acting styles. This involves in-depth understanding of poetry, and prose, not only in performance, but in writing and analysis as well. Students will complete a written and oral presentation on each period studied. Topics may include theatre practices, scene presentations, and monologues. Each period is studied through a cultural perspective as well as dramatic literature with written and presentation of scenes and monologues from each style.

**INTRODUCTION TO CHILDREN'S THEATER (ART 116, 117)**

***OPEN TO:*** 10, 11, 12

One Semester or Full Year Course

***PREREQUISITE:*** Acting 1 or Teacher's signature

Students will actively participate in the preparation and performance of shows for elementary students. They will study basic acting skills, pantomime, storytelling, mask and puppet making, and play writing. Good attendance is extremely important.

**TECHNICAL THEATRE (ART 114, 115)**

***OPEN TO:*** 9, 10, 11, 12                      One Semester or Full Year Course

***PREREQUISITE:*** None

Students will actively participate in major areas of technical theatre including scenery construction, stage lighting, sound, costumes, props, and stage management. **All students of theatre both actor and technicians are strongly encouraged to take this course to achieve full appreciation for all aspects of the theatre.** Student will complete studies in the classroom as well as participate in hands on experience in the theatre. Advanced students may have the opportunity to be involved in design aspects of production. **Students will be required to complete stage work outside of class for school and community activities as part of their grade.**



# VISUAL ARTS

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## FINE ARTS--VISUAL ARTS -- COURSE LISTINGS

**All courses taken in this area of study count towards Fine Arts credit requirements.**

<u>Class</u>	<u>Course Number</u>	<u>Page(s)</u>
Advanced Placement Studio Art \$.....	ART 380,381 or CTE 373, 374.....	97
Ceramics 1 (3D Art) \$.....	ART 110.....	97
Ceramics (3D Art) Advanced \$ .....	ART 111.....	97
Drawing 1 \$.....	ART 101 or CTE 371.....	97
Drawing 2 \$.....	ART 102 or CTE 372.....	97
Fabric Design 1\$.....	ART 112 or CTE 227.....	97
Fabric Design – Advanced \$.....	ART 113 or CTE 228.....	98
Painting \$ .....	ART 109.....	98
2-D Art \$.....	ART 107.....	98

### ADDITIONAL COURSES FOR FINE ARTS CREDIT

Digital Photography 1-2.....	CTE 368, 369 .....	104
Fashion Apparel and Design.....	CTE 225, 226.....	127
Graphic Design & Production 1-2 <b>TP</b> \$ .....	CTE 375, 376.....	107
Graphic Design & Production – Contract Study \$.....	CTE 377, 378.....	107
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Jewelry/Small Metal Sculpture 1 \$.....	CTE 351 .....	108
Jewelry/Small Metal Sculpture 2 \$.....	CTE 352.....	109
Jewelry/Small Metal Sculpture 3 \$.....	CTE 353.....	109
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Jewelry Manufacturing – Contract Study \$ .....	CTE 355.....	109
Visual Communications 1 <b>TP</b> \$.....	CTE 361.....	112
Visual Communications 2 <b>TP</b> \$.....	CTE 362.....	113
Visual Communications – Contract Study \$.....	CTE 365, 366.....	113
World Wide Web Publishing 1-2 <b>TP</b> .....	CTE 391, 392.....	114
World Wide Web Publishing – Contract Study.....	CTE 393, 394.....	115

**\$ -- Individual student material costs may be applicable to this course**

**TP – Tech Prep credit may be available for this course**

**ADVANCED PLACEMENT STUDIO ART (ART 380, 381, CTE 373, 374)**

**OPEN TO:** 10, 11, 12 Full Year Course

**PREREQUISITE:** Graphic Design or Instructor review of portfolio

This course is designed for students who are seriously interested in practical experience of art and wish to develop mastery in the concept, composition, and execution of their ideas. AP Studio Art is not based on a written exam: instead, students submit portfolios for evaluation at the end of the school year. In building the portfolio, students experience a variety of concepts, techniques and approaches designed to help them demonstrate their abilities as well as their versatility with techniques, problem solving, and idea formulation for the required Breadth section of the portfolio. Students also develop a body of work for the concentration section of the portfolio that investigates an idea of personal interest to them.

**CERAMICS 1 (3D ART) (ART 110)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** None

This class focuses upon 3-dimensional art using a variety of materials and techniques. . Study will include functional and decorative art; animal and human forms and movements; and abstract forms. Drawing skills will be taught and used. Attendance is strictly required due to the participatory / interactive nature of the class curriculum. **Individual student material costs may be applicable to this course.**

**CERAMICS – ADVANCED (3D ART) (ART 111)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** Ceramics 1  
Teacher's signature

Students must enroll in this course through individual contract with instructor. This class focuses upon three-dimensional ceramic art using a variety of materials and advanced hand-building techniques. Additionally, students will learn basic firing techniques including the loading and unloading of a kiln. The study will include wheel throwing, functional and decorative art, human form/movements, and abstract forms. Drawing skills will be used and a detailed portfolio will be compiled. Attendance is strictly required due to the participatory/interactive nature of the curriculum. Individual student material cost may be applicable to this course.

**DRAWING 1 (ART 101 or CTE 371)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** None

Drawing is a one semester exploratory course that introduces students to traditional methods of drawing as well as means of computer generated drawing; art elements and foundational art skills will be the focus.

**DRAWING 2 (ART 102 or CTE 372)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** Completion of Drawing 1  
Teacher's signature

Drawing 2 is a one semester course that is continuation of the Drawing I course utilizing methods of art elements and principles; further development of foundational skills as the focus through portfolio preparation. Student voice is developed and demonstrated in culminating projects. **Individual student material costs may be applicable to this course.**

**FABRIC DESIGN 1 (ART 112 or CTE 227)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** None

This course will explore different methods of fabric design including direct dye, tie dye, batik, printing, marbling, and paper making. Students will learn to apply these techniques to original designs they compose. This course will include demonstrations, lectures, and extensive studio work and will include fabric and dyes. Attendance and class participation are, therefore, important grade-determining and skill-building factors. Attendance is strictly required due to the participatory/interactive nature of the class curriculum. **Individual student material costs may be applicable to this course.**

**FABRIC DESIGN-ADVANCED (ART 113 or CTE 228)**

*OPEN TO:* 9, 10, 11, 12                      One Semester Course

*PREREQUISITE:* Fabric Design  
Teacher's signature

This course builds on the basic skills taught in the first semester. . Students will build on skills they have already learned and explore new techniques, as well as career possibilities. Students will be expected to work on structured and independent projects showing better technical skills, more complex designs, and better use of color relationships. Students will be expected to contract with the teacher on the variety, processes, and number of pieces to be completed. Attendance is strictly required due to the participatory/interactive nature of the class curriculum.

**Individual student material costs may be applicable to this course.**

**PAINTING (ART 109)**

*OPEN TO:* 10, 11, 12                      One Semester Course

*PREREQUISITE:* Drawing 1 Recommended

This class builds upon the drawing class taken previously. We continue to work with composition and add in color. The projects will concentrate on understanding how to use color. We will explore a variety of painting techniques in watercolor, acrylic and other mediums. Students will learn how to paint stylistically, realistically, and abstractly. Students will be matting their finished pieces. Attendance is strictly required due to the participatory/interactive nature of the class curriculum. **Individual student material costs may be applicable to this course.**

**2-D ART (ART 107)**

*OPEN TO:* 9, 10, 11, 12                      One Semester Course

*PREREQUISITE:* None

Get the basics of design in this class. Students who have ever thought of becoming an architect, graphic designer, set designer, or who have an interest in the arts would benefit from this course. Students learn design vocabulary as they make their own creative compositions. This two-dimensional (2-D) design class will explore the use of design elements and principles in a variety of media including pencil, pen and ink, and paint. Because this is a studio class, attendance is important and will be a factor in grading. This class is designed to prepare students to pass the Arts assessment at the benchmark 3 level now required by the state for high school graduation. **Individual student material costs may be applicable to this course.**

# **CAREER AND TECHNICAL EDUCATION (CTE)**

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**Business and Marketing  
(Pg. 117)**

**Family and Consumer Sciences  
(Pg. 125)**

## CAREER & TECHNICAL EDUCATION – COURSE LISTINGS

**All courses taken in this area of study count towards Occupational Credit graduation requirements.**

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Automotive Technology 1-2.....	CTE 425, 426.....	101
Automotive Technology – Advanced 1-2 <b>DC</b> .....	CTE 427, 428.....	102
Automotive Technology – Advanced 3-4 <b>DC</b> .....	CTE 429, 430.....	102
Computer Networking Engineer 1-2 (CISCO Networking Academy) <b>DC</b> \$.....	CTE 415, 416.....	102
Computer Networking Engineer 3-4 (CISCO Networking Academy) <b>DC</b> \$.....	CTE 417, 418.....	102
Computer Systems Engineer 1-2 (A+ Computer Certification) <b>DC</b> \$.....	CTE 411, 412.....	103
Computer Systems Engineer 3-4 (Microsoft Certification) <b>DC</b> \$.....	CTE 413, 414.....	103
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Culinary Arts – Beginning <b>DC</b> \$.....	CTE 331, 332.....	103
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Electronics 3-4 <b>DC</b> \$.....	CTE 383, 384.....	106
Environmental Horticulture Ornamental 1-2\$.....	CTE 003, 004.....	106
Environmental Horticulture Landscape 1-2\$.....	CTE 005, 006.....	106
Floral Design and Marketing \$.....	CTE 007, 008.....	107
Graphic Design & Production 1-2 <b>DC</b> \$.....	CTE 375, 376.....	107
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Interactive Media and Gaming 1-4.....	CTE 150-153.....	108
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Jewelry/Small Metal Sculpture 2.....	CTE 352.....	109
Jewelry/Small Metal Sculpture 3.....	CTE 353.....	109
Jewelry/Small Metal Sculpture 4.....	CTE 354.....	109
Jewelry Manufacturing – Contract Study.....	CTE 355.....	109
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Sports Medicine – Advanced <b>DC</b> .....	CTE 311, 312.....	112
Visual Communications 1-2 <b>DC</b> \$.....	CTE 361, 362.....	112
Visual Communications - Contract Study 1-2 \$.....	CTE 365, 366.....	113
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Woodworking & Design 3-4 <b>DC</b> \$.....	CTE 457, 458.....	114
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### ADDITIONAL COURSES FOR OCCUPATIONAL CREDIT

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Careers with Children 1-2 <b>DC</b> .....	CTE 211, 212.....	127
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Fashion Apparel & Design 1-2 \$.....	CTE 225, 226.....	127
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Independent Living.....	CTE 240.....	127
Interior Design.....	CTE 245.....	127
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**DC – Dual Credit (formerly Tech Prep) for college may be available for this course.**

**\$ -- Individual student material costs may be applicable to this course.** (Financial hardship will not preclude students from participating).

### **AEROSPACE ASSEMBLY (CTE 395, 396)**

*Program located at AHS*

**OPEN TO:** 10, 11, 12                      Full Year Course

**PREREQUISITE:** None

**Requires transportation to Auburn High School**

The Aerospace Assembly program, located at Auburn High School, is open to all district high school students grades 10, 11, and 12. Students interested in the Machining, Welding or the Engineering and Technology pathway should take this course. Topics covered include basic aircraft familiarization, aircraft drawings and work instructions, assembly hand tools, precision measuring and aviation materials and processes. Online course work through Tooling U is provided as part of the curriculum covering topics as shop essentials (math), safety, inspection (measuring), quality control, fasteners and supervisory essentials. Students acquire skills in measuring, print reading, manufacturing processes and leadership. Applicable safety requirements are also employed. Students taking this course will have an advantage in seeking employment in the aerospace assembly trades. Students may contract with the instructor to repeat this course for additional training and skill development.

**Individual student material costs and a lab fee are applicable to this course.**

### **AUTOMOTIVE -- SMALL GAS ENGINES (CTE 421, 422)**

*Program located at AHS*

**OPEN TO:** 9, 10, 11, 12                      Full Year Course

**PREREQUISITE:** None

**Requires transportation to Auburn High School**

This course will familiarize the student with shop safety and the design, care and servicing of basic small gas powered engine/equipment and studies will progress to the automobile. Students will learn to maintain, repair, disassemble, diagnose and reassemble a small gas engine during first semester. Second semester, students will practice learned skills and knowledge to both small equipment and to the automobile with live lab experience. Through classroom facilitation, reading, lab practice and on-line training, the students will recognize names, components and understand the operating principles of equipment and the modern automobile. Students are required to participate in “professional development activities,” and provide their own work shoes and coveralls. Shared students from ARHS, AMHS and WAHS must provide their own transportation to AHS for this class.

### **AUTOMOTIVE TECHNOLOGY 1-2 (CTE 425, 426)**

*Program located at AHS*

**OPEN TO:** 10, 11, 12                      Full Year Course, Two-Hour Block

**PREREQUISITE:** Counselor’s approval

Application to instructor

**Requires transportation to Auburn High School**

*College credit may be available for this course.*

This course will familiarize the student with the basic operating systems and the care and servicing of the modern automobile, along with shop safety practices. Through classroom facilitation, reading, lab practice and on-line training, students will recognize names, components and understand the operating principles of the automobile. Upon completion of basic studies, students will have the opportunity to practice their skills on live work in the lab. Students are required to participate in “professional development activities,” and provide their own work shoes and coveralls. Shared students from ARHS, AMHS and WAHS must provide their own transportation to AHS for this class.

**AUTOMOTIVE TECHNOLOGY ADVANCED 1-2 (CTE 427, 428)**

*Program located at AHS*

**OPEN TO:** 11, 12 Full Year Course, Three-Hour Block

**PREREQUISITE:** Beginning Automotive Technology with a minimum C grade and/or teacher's signature  
Counselor approval and Application to instructor

**Requires transportation to Auburn High School**

**CROSS CREDIT:** Math or Non-Lab Science

**May not satisfy NCAA athletic eligibility or four-year college entrance requirements**

*College credit may be available for this course.*

Beginning units will consist of mastery of the theory and repair procedures for most areas of the automobile with the use of classroom facilitation, instructor demonstration, on-line training and research assignments. Students will progress to be provided an environment that closely simulates that of the auto repair industry and will make actual repairs on live vehicles under the supervision of the instructor. Students will be eligible to apply for an AYES Internship and study at AHS along with a paid position working with line technicians at local repair shops for their hands-on training. Students are required to participate in "professional development activities," and provide their own work shoes and coveralls. Shared students from ARHS, AMHS and WAHS must provide their own transportation to AHS for this class.

**AUTOMOTIVE TECH – ADVANCED 3-4 (CTE 429, 430)**

*Program located at AHS*

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** C grade in Automotive Technology  
Teacher's signature and application

**Requires transportation to Auburn High School**

This course will allow students, upon completion of at least one year of Auto Tech, to further their mastery of tasks with an individualized course designed by the student with the instructor's assistance. Students are required to participate in "professional development activities," and will be encouraged to actively pursue career opportunities in the automotive service industry. Students must provide their own work shoes and coveralls. Shared students from ARHS, AMHS and WAHS must provide their own transportation to AHS for this class. Students will be responsible for issued tools (if available) or provide their own tools for this class.

**COMPUTER NETWORKING ENGINEER 1-2 CISCO NETWORKING ACADEMY (CTE 415, 416)**

**OPEN TO:** 10, 11, 12 Full Year Course

**PREREQUISITE:** None  
Computer Systems Engineer 1-2 strongly recommended

*College credit may be available for this course.*

CISCO Networking Academy is a college level course intended for students with a strong interest in a career in computer technology. Students will study internetworking, LAN and WAN technologies and advanced configuration of routers and switches. Material presented is CISCO Networking Academy semesters 1 and 2. Advanced students will have the opportunity to apply for intern and mentoring opportunities. Computer ethics will be strictly enforced. **Individual student material costs may be applicable to this course.**

**COMPUTER NETWORKING ENGINEER 3-4  
CISCO NETWORKING ACADEMY (CTE 417, 418)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** Completion of Computer Networking Engineer 1-2

*College credit may be available for this course.*

CISCO Networking Academy is a college level course intended for students with a strong interest in a career in computer technology. Students will continue to study internetworking, LAN and WAN technologies and advanced configuration of routers and switches. Material presented is CISCO Networking Academy semesters 3 and 4. Advanced students will have the opportunity to apply for intern and mentoring opportunities. Computer ethics will be strictly enforced. **Individual student material costs may be applicable to this course.**



**COMPUTER SYSTEMS ENGINEER 1-2 (A+, NET+ COMPUTER CERTIFICATION) (CTE 411, 412)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** None.

Electronics 1-2 recommended

*College credit may be available for this course.*

This hands-on course is intended for students with a strong interest in a career in computer technology. Students will learn to service, upgrade, troubleshoot, and repair computers. Interested students will have the opportunity to apply for intern and mentoring opportunities. The goal of this course is to prepare students for industry standard A+ Certification. **Individual student material costs may be applicable to this course.**

**COMPUTER SYSTEMS ENGINEER 3-4 (CTE 413, 414) (A+, NET+, and SERVER+)**

**OPEN TO:** 10, 11, 12 Full Year Course

**PREREQUISITE:** Computer Systems Engineer 1-2

*College credit may be available for this course.*

This hands-on course is intended for students with a strong interest in a career in computer information systems. They will learn networking and network server technologies with a goal of preparing for COMPTIA industry certification exams. Interested students will have the opportunity to apply for intern and mentoring opportunities. **Individual student material costs may be applicable to this course.**

**COMPUTER TECHNICIAN -- CONTRACT STUDY (CTE 419, 420)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** Computer Networking or Computer Systems Engineering recommended  
Teacher's signature

Students will work directly with the Technology Coordinator to run a help desk and support students and staff technology utilization. Students will maintain and support AHS computer network and servers. This includes installing new software, troubleshooting problems, and deployment of new hardware. Also included in the course is CISCO Networking Academy, which is a college-level course, intended for students with a strong interest in a career in computer technology. Students will study internetworking, LAN and WAN technologies and configuration of routers and switches. Computer ethics will be strictly enforced.

**CULINARY ARTS – BEGINNING (CTE 331, 332)**

**OPEN TO:** 9, 10, 11, 12 One Semester or Full Year Course

**PREREQUISITE:** None.

Students are required by the Health Department to obtain a food handler's permit. Approximate cost for the permit is \$10. Exam will be given as a part of classroom instruction. Failure to obtain permit will result in a grade of "F" for the course.

**CROSS CREDIT:** Non-Lab Science (after 180 hours)

May be taken for variable credit.

**May not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

*College credit may be available for this course.*

Laboratory activity is devoted to hands-on instruction and practice in the kitchen, developing skills related to the commercial food industry. Course will concentrate on familiarizing students with all aspects of the kitchen, such as sanitation, safety and hygiene, preparing recipes and working as part of a team. **Individual student material costs may be applicable to this course.**

### **CULINARY ARTS – ADVANCED (CTE 333, 334)**

**OPEN TO:** 10, 11, 12 Full Year Course, 2-Hour Block Course

**PREREQUISITE:** “B” grade in Beginning Culinary Arts 1-2  
Food Handler’s Permit (approximately \$10)  
Teacher’s signature

**CROSS CREDIT:** Non-Lab Science (after 180 hours)

**May not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

**College credit may be available for this course.**

Students will concentrate on expanding their culinary repertoire and increasing speed and efficiency in a professional work environment. Strong emphasis will be placed on continued development of teamwork, leadership skills, recipe development and menu planning. Students will also be encouraged to become officers and members of the Culinary Arts Club.

**Individual student material costs may be applicable to this course.**

### **CULINARY ARTS -- CONTRACT STUDY (CTE 335, 336)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** “B” grade in Advanced Culinary Arts  
Food Handler’s Permit (approximately \$10)  
Teacher’s signature

**CROSS CREDIT:** Non-Lab Science (after 180 hours)

**May not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

Student and instructor will construct a written contract describing skills acquisition and practice sessions needed to develop increased employability. Students will also complete a written portfolio outlining employment opportunities in the hotel/restaurant industry, and a graphical representation of a culinary project. **Individual student material costs may be applicable to this course.**

### **DIGITAL PHOTOGRAPHY 1 (CTE 368)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** None

**CROSS CREDIT:** Fine Art

This course is a basic introduction to digital photography tools and techniques. Students will shoot photographs on a regular basis to practice and improve their understanding and skills. Students will be introduced to the basics of photographic composition, elements of art, principles of design, digital image capture and editing techniques and the basics of using a digital SLR camera. Students will explore a variety of image editing software and lighting techniques, including use for artistic expression. Access to a digital camera (other than a cell phone) is preferred. . **Individual student material costs may be applicable to this course.**

### **DIGITAL PHOTOGRAPHY 2 (CTE 369)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** “C” grade in Digital Photography 1, access to a digital camera (other than a cell phone) is recommended, SLR preferred

**CROSS CREDIT:** Fine Art

This course provides an opportunity for students to expand on the basic skills learned in Digital Photography I. Students will be provided with more in-depth learning experiences in photographic composition, digital image capture and editing techniques and advanced digital SLR camera controls and operation. Students will learn industry standard image editing software and lighting techniques, including use for artistic expression. **Individual student material costs may be applicable to this course.**

### **ENGINEERING DESIGN AND ARCHITECTURE 1 (CTE 401)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** None

**CROSS CREDIT:** Math

**Does not satisfy NCAA athletic eligibility or four-year college entrance requirements for math.**

*College credit may be available for this course.*

This is a great introductory class for students entering any of the fields of engineering and architecture including areas of interior design, computer design, robotics or graphic animation. Computer Aided Design Drafting (CAD) will be used to connect the design idea with the finished product, using the latest technology. CAD and drafting will provide marketable skills for students planning to enter the work force upon graduation, or the necessary training for those headed on to a college degree in any of the design fields. All students will benefit from the skills learned in this program. Students will have the opportunity to join school technology clubs that are involved in robotics, architecture, and engineering activities.

### **ENGINEERING DESIGN AND ARCHITECTURE 2 (CTE 402)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** "C" grade in Engineering Design and Architecture 1, Power, Energy and Transportation 1 or Teacher's signature

**CROSS CREDIT:** Math

**Does not satisfy NCAA athletic eligibility or four-year college entrance requirements**

*College credit may be available for this course.*

Students will have an opportunity to further investigate engineering, architecture and high-tech careers to develop skills and understanding of engineering principles. Students further employ engineering and scientific concepts in the solution of engineering and architecture design problems. They will continue to develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will have the opportunity to join school technology clubs that are involved in robotics, architecture, and engineering activities.

### **ENGINEERING DESIGN AND ARCHITECTURE 3-4 (CTE 405, 406)**

**OPEN TO:** 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** "C" grade in Engineering Design and Architecture 2, Power, Energy and Transportation 2 or Teacher's signature

**CROSS CREDIT:** Math

**Does not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

*College credit may be available for this course.*

Students will learn about different types of engineering, including: mechanical, civil, architectural, structural, design, and electrical. In addition, students will study material selection and application. Most of the time will be used to develop skills relating to CAD drawings using a variety of presentation methods including 3-D modeling and product design on CAD. Each student will have the opportunity to select an area of interest to study in depth. In addition to individual work, students will develop team skills as members of group projects. Students will be encouraged to certify in AutoCAD. Individual and group projects will be assigned with the emphasis on design. Students will have the opportunity to join school technology clubs that are involved in robotics, architecture, and engineering activities.

### **ENGINEERING DESIGN AND ARCHITECTURE 5-6 (CTE 407, 408)**

**OPEN TO:** 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** "C" grade in Engineering Design and Architecture 3 or Teacher's signature

**CROSS CREDIT:** Math

**Does not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

*College credit may be available for this course.*

Students will learn about different types of engineering, including: mechanical, civil, architectural, structural, design, and electrical. In addition, students will study material selection and application. Most of the time will be used to develop skills relating to CAD drawings using a variety of presentation methods, including 3-D modeling and product design on CAD. Each student will have the opportunity to select an area of interest to study in depth. In addition to individual work, students will have the opportunity to develop team skills as members of group projects. Students will be encouraged to certify in AutoCAD. Individual and group projects will be assigned with the emphasis on design. Students will have the opportunity to join school technology clubs that are involved in robotics, architecture, and engineering activities.

### **ENGINEERING DESIGN AND ARCHITECTURE – CONTRACT STUDY (CTE 409, 410)**

**OPEN TO:** 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** Successful completion of Engineering Design and Architecture 3 and 4 and teacher's signature

**CROSS CREDIT:** Math

**Does not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

This is an individualized course where students design and construct projects related to the study of engineering and architecture, including: engineering design, mechanical, civil, architectural, electrical, structural, model development, and other related areas of study. The emphasis will be upon application of design and CAD to course work. The course content is designed by the student, with the instructor's assistance and guidance. Students will have the opportunity to join school technology clubs that are involved in robotics, architecture, and engineering activities.

### **ELECTRONICS 1-2 (CTE 381, 382)**

**OPEN TO:** 9, 10, 11, 12                      Full Year Course

**PREREQUISITE:** Algebra

**CROSS CREDIT:** Math or Non-Lab Science

**Does not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

**College credit may be available for this course.**

Students will enjoy building several electronics kits and projects as they learn the theory and fundamentals of electricity and electronics. They will learn to use electronic test equipment as they build on classroom theory by constructing, testing and troubleshooting circuits. Direct current and alternating current theory and applications make up the core curriculum. The goal for this course is to prepare students to achieve the International Society of Certified Electronic Technicians (ISCET) DC & AC Electronics Certification. **Individual student material costs may be applicable to this course.**

### **ELECTRONICS 3-4 (CTE 383, 384)**

**OPEN TO:** 10, 11, 12                      Full Year Course

**PREREQUISITE:** C grade in Electronics 1-2 or Teacher Signature

**CROSS CREDIT:** Math or Non-Lab Science

**May not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

**College credit may be available for this course.**

Students will enjoy building on the skills and knowledge of Electronics 1-2 as they construct kits and projects in the study of solid state and digital electronics. They will learn troubleshooting techniques as they use test equipment to diagnose lab projects. The goal for this course is to prepare students to achieve the International Society of Certified Electronic Technicians (ISCET) Semiconductor & Digital Electronics certification. **Individual student material costs may be applicable to this course.**

### **ENVIRONMENTAL HORTICULTURE (ORNAMENTAL, LANDSCAPE) (CTE 003, 004, 005, 006)**

**OPEN TO:** 9, 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** None

**CROSS CREDIT:** Non-Lab Science

**May not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

This course allows students to continue their study of horticulture and the green industry through extensive in-depth industry related experiences. It combines a diverse knowledge base and group of skills including aspects of plant science, environmental studies, art, construction and business which can be applied to indoor or outdoor settings. This class takes a "learn by doing" approach providing work experience opportunities in the program's landscape plant nursery, fruit orchard, commercial greenhouse and student-run garden store. Environmental Horticulture not only prepares students for careers in the nursery, landscaping and floral industries but enhances students' skills needed in green careers in environmental science, ecology and urban forestry. All students participate in leadership activities and career exploration. **Individual student material costs may be applicable to this course.**

### **FLORAL DESIGN & MARKETING (CTE 007, 008)**

**OPEN TO:** 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** None

**CROSS CREDIT:** Non-Lab Science

**May not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

Express your artistic ability while experiencing the world of floriculture. This course introduces students to art theory and principles of design with emphasis on the creation of a variety of floral arrangements and the care and handling of flowers and plants. Topics studied include use of color, product display, floral identification, seasonal and holiday products, and basic concepts common to the floral industry. Students gain hands-on experience in the operation of the student-run floral shop including operations, marketing and customer relations preparing them for a career in floral design. All students participate in leadership activities and career exploration. **Individual student material costs may be applicable to this course.**

### **GRAPHIC DESIGN & PRODUCTION 1-2 (CTE 375, 376)**

**OPEN TO:** 10, 11, 12                      Full Year Course

**PREREQUISITE:** Drawing 1 or Visual Communications

**CROSS CREDIT:** Fine Arts

*College credit may be available for this course.*

This year long course (two semesters) combines the design skills of the artist with the technical production skills of the graphic designer to originate and produce graphic design. Students will utilize a combination of studio and computer generated design, culminating in a student portfolio. The course revolves around post-secondary and industry standard format. **Individual student material costs may be applicable to this course.**

### **GRAPHIC DESIGN AND PRODUCTION – CONTRACT STUDY (CTE377, 378)**

**OPEN TO:** 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** Graphic Design & Production 1 & 2

**CROSS CREDIT:** Fine Arts

Further develops the skills of a graphic designer. Incorporates employability, community, social awareness skills required in the industry. The course builds on previous courses to combine artistic, design, and technical proficiencies. **Individual student material costs may be applicable to this course.**

### **HORTICULTURE SCIENCE (CTE 001, 002)**

**OPEN TO:** 9, 10, 11, 12                      Full Year Course

**PREREQUISITE:** None

**CROSS CREDIT:** Non-Lab Science

*This course does not meet NCAA eligibility requirements.*

This course is an introduction to the exciting and rapidly growing green industry which focuses on the scientific principles related to the cultivation of garden and ornamental plants, including fruits, vegetables, flowers, and landscape and nursery crops. Through classroom instruction and hands-on experience, students will study botany, soils, ecology, plant identification, pest management, seasonal projects and landscape design. Production techniques and diagnostic skill are taught in the on-site orchard, year-round vegetable garden, outdoor nursery, and high-tech greenhouse. The student-run annual plant sale provides students with the experience to develop skills in retail sales and management. All students participate in leadership activities and career exploration. **Individual student material costs may be applicable to this course.**

**HUMAN ANATOMY & PHYSIOLOGY (Lab Science) (CTE 305, 306)**

***OPEN TO:*** 10, 11, 12 Full Year Course

***PREREQUISITE:*** Biology or instructor approval

***CROSS CREDIT:*** Lab Science, Health

**May not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

***College credit may be available for this course.***

This course provides students with knowledge of the human body as a whole, including the study of the digestive, endocrine, excretory, skeletal, reproductive, circulatory, respiratory, sensory, and muscular systems. It will also acquaint students with basic medical terminology. Lab work includes cat dissection and A.D.A.M. computerized dissection. **Individual student material costs may be applicable to this course.**

**INTERACTIVE MEDIA AND GAMING 1-4 (CTE 150-153)**

***Program located at West Auburn High School***

***OPEN TO:*** 9, 10, 11, 12 One Semester or Full Year Course

***PREREQUISITE:*** Instructor signature required

**Requires transportation to West Auburn High School**

This is an introductory course to the fields of video game and multimedia development. First semester focuses on video game development. Students in this course will receive instruction in computer programming; video game design and development; graphics software; graphic design; and color theory. Students that complete this course will have the basic skills that will help prepare students to function as video game development specialists. Second semester focuses on multimedia development. Student in this course will receive instruction in the programming language Java while creating mobile applications for the Android platform.

**JEWELRY/SMALL METAL SCULPTURE 1 (CTE 351)**

***OPEN TO:*** 9, 10, 11, 12 One Semester Course

***PREREQUISITE:*** None

***CROSS CREDIT:*** Occupational

In this class, students will make rings, necklaces and a variety of jewelry from metal and other materials. They will learn skills used in the jewelry industry such as sawing, filing, polishing, coloring of metal, forming and soldering. They will also learn how to form a wax model to be cast into metal. Consistent attendance, safe work habits and care of equipment will be important grade determining factors. Class will include lecture, demonstrations and extensive studio work. **Individual student material costs may be applicable to this course.**

**JEWELRY/SMALL METAL SCULPTURE 2 (CTE 352)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** Jewelry 1

**CROSS CREDIT:** Occupational

This course builds on the skills taught in Jewelry 1. In Jewelry 2, students will further explore these skills to enhance the artistic and technical levels of their jewelry. Techniques students will be learning in this class include a variety of stone settings, mold making and casting, cold connections, mixed media, roller printing, metal etching, and chain making. Consistent attendance, note taking and research, attention to detail, and good work habits are critical factors to student success in this class. **Individual student material costs may be applicable to this course.**

**JEWELRY/SMALL METAL SCULPTURE 3 (CTE 353)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** Jewelry 2

**CROSS CREDIT:** Occupational

This course builds upon the skills gained in Jewelry 1 and Jewelry 2. This course gives students an opportunity to expand their jewelry making skills. Students will employ higher level metalsmithing techniques in the areas of metals fabrication, stone setting and casting. Students will create work to be used in the jewelry portfolio and are expected and encouraged to participate in area and state metal art shows. Excellent work habits and attendance, note taking, research, and attention to detail are critical factors to student success in this class. **Individual student material costs may be applicable to this course.**

**JEWELRY/SMALL METAL SCULPTURE 4 (CTE 354)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** Jewelry 3

**CROSS CREDIT:** Occupational

This course builds upon the skills gained in Jewelry 1, 2 and 3. Students will further their skills in advanced level metalsmithing techniques in the areas of metals fabrication, stone setting and casting. Students will create work to be used in the jewelry portfolio, and they will be expected and encouraged to participate in area and state metal arts shows. If a student successfully completes Jewelry 4, they will earn their Jewelry Certificate of Mastery. Excellent work habits, solid attendance and attention to detail are critical factors to student success in this class. **Individual student material costs may be applicable to this course.**

**JEWELRY MANUFACTURING -- CONTRACT STUDY (CTE 355)**

**OPEN TO:** 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** Jewelry 4

Teacher's signature

**CROSS CREDIT:** Occupational

This course gives students an opportunity to expand their jewelry making skills. Students will select the projects and areas of study with the instructor's assistance. Students are expected and encouraged to participate in area and state metal arts shows. Excellent work habits and attendance, note taking and research, and attention to detail are critical factors to student success in this class. **Individual student material costs may be applicable to this course**

**JROTC (CTE 521, 522, 523, 524)**

*Program located at AMHS*

**OPEN TO:** 9, 10, 11, 12 One Semester or Full Year Course

**PREREQUISITE:** Instructor signature required

**CROSS CREDIT:** PE (.5 credit) after 2 completed semesters. Civics (.5 credit) after 4 completed semesters.

**Requires transportation to Auburn Mountainview High School**

This one to four year program provides students the opportunity to study Civics, Psychology, Economics, Physical Education and Current Events. Students will explore the fundamental principles that led to the creation of the American political system as well as the founding documents and their philosophical and historic origins. Through a detailed study of the Constitution, Bill of Rights, and the balance of power that defines our government, students will explore the rights and responsibilities of the American citizen in addition to gaining a deep understanding of the complex nature of our government. Students will also learn about brain structure and function, learning styles and processing preferences, multiple intelligences, the communication process, causes of conflict and conflict resolution, self-awareness, personality characteristics and the principles of effective leadership. In addition, students will study the fundamental psychological principles of citizenship and explore that understanding through service learning and reflection.

**NATURAL RESOURCES 1-2 (CTE 020, 021)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** None

**CROSS CREDIT:** Non-Lab Science

Students explore current topics, including soil, water, forest, fish, wildlife, and outdoor recreation resources through a variety of outdoors and classroom experiences. Guest speakers, field trips, and many other activities are included in this class. Students will also take part in various leadership activities related to natural resources. **Individual student material costs may be applicable to this course.**



**NATURAL RESOURCES 3-4 (CTE 022, 023)**

**OPEN TO:** 10, 11, 12 Full Year Course

**PREREQUISITE:** “C” grade in Natural Resources 1-2

**CROSS CREDIT:** Non-Lab Science

Students will extend their knowledge of current topics, including soil, water, forest, fish, wildlife, and outdoor recreation resources. An emphasis on hands-on projects and community based activities will enhance classroom experiences. Students will also take part in various leadership activities related to natural resources. **Individual student material costs may be applicable to this course.**

**POWER, ENERGY & TRANSPORTATION (CTE 450)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** None

**CROSS CREDIT:** Math or Non-Lab Science

**MTAG competencies are tracked in the course**

Power, Energy and Transportation is an introductory design and construction course. The course will deal with the study of power and energy: their source, generation, transmission, utilization, application, and control. Students will design, construct and problem solve in a wide variety of hands on activities and assignments using various technical and shop equipment. **Individual student material costs/lab fees may be applicable to this course.**

**POWER, ENERGY & TRANSPORTATION – ADVANCED (CTE 451)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** Power, Energy & Transportation or instructor approval

**CROSS CREDIT:** Math or non-lab science

**MTAG competencies are tracked in the course**

**May not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

This course is a continuation of PET 1. It is offered for the student interested in studying more advanced concepts in power, energy and transportation design. Students will continue to work on group and individual hands-on projects studying concepts in chemical, mechanical, electrical, thermal, nuclear and electromagnetic energy. Activities will include simple devices and complex team constructed projects using various types of materials. **Individual student material costs/lab fees may be applicable to this course.**

**PREVENTIVE MEDICINE (CTE 304)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** None

**CROSS CREDIT:** Physical Education or Health

This class focuses on: exercise science, kinesiology, common injuries, first aid, CPR, nutrition, relaxation techniques, and alternative medicines. The preventive medicine class offers students a chance to explore a number of areas in the health field. This class is designed to be a hands-on course in which students will get to be physically active three times a week. **Individual student material costs may be applicable to this course.**

### **ROBOTICS TECHNOLOGY (CTE 389, 390)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**CROSS CREDIT:** Math

**May not satisfy four-year college entrance requirements.**

This is an introductory course into the world of robotics. The students will both program and operate EV3 Robots and additional platforms as they explore and learn to operate and build robot bases to perform tasks in class. As a student in the class, the robotics technology students will have the opportunity to build and compete with a variety of robots in and out of the classroom including participating in FIRST ROBOTICS (National Organization), TSA, etc. This class will focus on robotic Technologies. Students will conduct lab experiments while learning the theory of force, work, rate, resistance, energy, power, and force transformers and how each applies to Robotics.

### **SPORTS MEDICINE (CTE 306, 307)**

**OPEN TO:** 10, 11, 12 Full Year Course, Two-Hour Block Course

**PREREQUISITE:** Human Anatomy & Physiology

Teacher's signature

**CROSS CREDIT:** Non-Lab Science

Health or PE (w/ Medical Waiver only)

This course focuses on all aspects of athletic training, which includes: injury prevention, evaluation of injuries, treatment of sports related injuries, rehabilitation techniques, sports nutrition, support taping and wraps, and athletic training duties. The sports medicine course offers students hands-on training in sports therapy and athletic training. **An additional 60 practicum hours per semester will be necessary to achieve the maximum grade for the practicum component of this course.**

### **SPORTS MEDICINE – ADVANCED (CTE 311, 312)**

**OPEN TO:** 12 Full Year Course, Two-Hour Block Course

**PREREQUISITE:** Sports Medicine

Teacher's signature

**CROSS CREDIT:** Non-Lab Science

Health or PE (w/ Medical Waiver only)

**College credit may be available for this course.**

In this course, students will focus on refining their athletic training skills. They will accomplish this through assisting first year students in lab, presenting sports medicine topics to first year students, completing various independent projects, working independently with athletes and athletic teams, managing and running the training room, and providing leadership in the sports medicine program. **An additional 60 practicum hours per semester will be necessary to achieve the maximum grade for the practicum component of this course.**

### **VISUAL COMMUNICATIONS 1 (CTE 361)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** Access to digital camera is recommended

**CROSS CREDIT:** Fine Arts

**College credit may be available for this course.**

This course provides an opportunity for students to explore a variety of digital art forms and multimedia communications. Students will be provided with basic experiences in the following: elements of art and principles of design, the design process, graphic design, screen printing, digital photography, audio/video production, Photoshop, image manipulation, Illustrator, and leadership. **Individual student material costs may be applicable to this course.**

### **VISUAL COMMUNICATIONS 2 (CTE 362)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** "C" grade in Visual Communications 1  
Access to digital camera is recommended

**CROSS CREDIT:** Fine Arts

*College credit may be available for this course.*

This course provides an opportunity for students to expand on the basic skills learned in Vis Com I. Students will be provided with more in-depth learning experiences in digital art forms and multimedia communication, graphic design, digital photography, multi-color screen printing, digital audio/video, and leadership opportunities. Students will gain experience with Photoshop, Illustrator, Final Cut Pro, and Garageband software. Students may also be introduced to the basics of web design. A portfolio will be developed. **Individual student material costs may be applicable to this course.**

### **VISUAL COMMUNICATIONS -- CONTRACT STUDY 1-2 (CTE 365, 366)**

**OPEN TO:** 10, 11, 12 One Semester or Full Year Course

**PREREQUISITE:** "C" grade in Visual Communications 2  
Must have ability to work independently

**CROSS CREDIT:** Fine Arts

Students will design their own course of learning with instructor input and approval. A written contract detailing independent learning activities and learning targets is required. Students may choose to explore one or more areas in depth. Production work may be included as part of student learning. Students are required to complete one service project of their choice per semester. Students purchase own supplies as necessary. Students will continue to add to their portfolio of work. **Individual student material costs may be applicable to this course.**

### **WELDING 1-2 (CTE 443, 444)**

*Program housed at Auburn High School*

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**Requires transportation to Auburn High School**

*College credit may be available for this course.*

Students will learn and develop skills in a variety of welding and cutting processes. Students will complete exercises and projects in foundry casting, sheet metal development, forging, print reading, safety standards and leadership. This course offers students the opportunity to receive Tech Prep college credit. Students may contract with the instructor to repeat this course for additional training and skill development. Shared students from AMHS, ARHS, and WAHS must provide their own transportation to AHS. **Individual student material costs/lab fees may be applicable to this course.**

### **WOODWORKING & DESIGN 1-2 (CTE 455, 456)**

**OPEN TO:** 9, 10, 11, 12 One Semester or Full Year Course

**PREREQUISITE:** None

*College credit may be available for this course.*

*National certification in construction available*

This course is a blend of the traditional woodshop and technology. This course is aimed at any student interested in the world of work. Students will build a variety of projects, some required and others selected or designed by the student. Through the construction of projects students will learn to operate a wide variety of woodworking machines. Construction techniques and processes found in the building and cabinetry trades will be explored. Students will be introduced to the integration of technology and woodworking with the use of CNC equipment and software. Upon completion of this course, students will have a good foundation of safe equipment operation and construction practices. This program has an articulation agreement with several local unions and GRCC. **Individual student material costs/lab fees may be applicable to this course.**

### **WOODWORKING & DESIGN 3-4 (CTE 457, 458)**

**OPEN TO:** 10, 11, 12 Full Year Course

**PREREQUISITE:** Completion of Woodworking Design 1-2

**CROSS CREDIT:** 3<sup>rd</sup> year math

**Does not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

*College credit may be available for this course.*

*National certification in construction available*

This course is offered for those students interested in learning lifelong skills in the areas of construction and manufacturing. Students will have a variety of areas of study to select from including cabinet making, carpentry and other advanced areas. Students will work with the instructor in planning and implementing a custom-learning plan for the student. The majority of this class will be taught using hands-on projects. This program has an articulation agreement with several local unions and GRCC. **Individual student material costs and lab fees may be applicable to this course.**

### **WOODWORKING & DESIGN 5-6 (CTE 461, 462)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** "B" or better in Woodworking Design 3-4

Teacher's signature

**CROSS CREDIT:** 3<sup>rd</sup> year math

**EQUIVALENCY CREDIT:** 1.0 credit in Sculpture

**Does not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

*College credit may be available for this course.*

*National certification in construction available*

This is an individualized study course where students can take the skills learned in Woodworking and Design 3-4 to the next level. Students will select the projects and areas of study with the instructor's assistance. This program has an articulation agreement with several local unions and Green River Community College. National certification in selected areas of construction is available in this program. **Individual student material costs and lab fees may be applicable to this course.**

### **WORK-BASED-LEARNING (OJT) (CTE 470)**

**OPEN TO:** 10, 11, 12 One Semester or Full Year Course

**PREREQUISITE:** Must be at least 16 years old

Working at a qualified work site

Either previously taken or are currently enrolled in a CTE class

Requires earning a "C" grade in the CTE class

Students must be at least sixteen years old and legally employed in an approved job where they can perform the skills learned in the related career and technical education course. The employer must be willing to assist the student in obtaining his/her learning objectives in order for a training site to be considered for credit. Students will need to complete a training agreement at the beginning of the semester and return it to the WBL coordinator. Once enrolled in the program, students will be expected to maintain employment through the duration of the semester and provide their time sheets as requested. Students will earn .50 credit for every 180 hours of qualified paid employment. The coordinator will make periodic visits to evaluate progress at the job site. Students are expected to complete all paperwork on time, provide their own transportation to and from the work site, and maintain excellent attendance both at school and on the job.

### **WORLD WIDE WEB PUBLISHING 1-2 (CTE 391, 392)**

**OPEN TO:** 10, 11, 12 One Semester or Full Year Course

**PREREQUISITE:** None

**CROSS CREDIT:** Fine Arts (for high school graduation only)

*College credit may be available for this course.*

WWW Publishing 1 & 2 will teach the fundamental programming and multimedia skills necessary to produce written and graphic content for the Internet. The focus will be on HTML, web design, graphics, Internet ethics, and commercial aspects of the WWW. Students will also strengthen their research, writing, and group-work skills in order to apply them to a web publishing environment. Building on the knowledge from WWW Publishing 1, WWW Publishing 2 will teach students other web support languages, e-commerce strategies, and sophisticated graphics and layout design.

**WORLD WIDE WEB PUBLISHING 3-4 (CTE 393, 394)**

**OPEN TO:** 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** “C” grade in WWW Publishing 1-2

Teacher’s signature

**CROSS CREDIT:** Fine Arts (for high school graduation only)

Students will design their own course of learning with instructor input and approval. Part of the student’s responsibilities will include providing assistance to the beginning Web Publishing class. The students will have the opportunity to study some of the more advanced areas of Web Publishing. Topics may include (but are not limited to) Advanced Photoshop techniques as they relate to web navigation, Dreamweaver, Photoshop, navigation, Flash, cgi, asp, etc. A written contract and weekly log of student’s activities will be required part of the class.

**YEARBOOK PRODUCTION (CTE 465, 466)**

**OPEN TO:** 10, 11, 12                      Full Year Course

**PREREQUISITE:** Teacher’s signature and application

**CROSS CREDIT:** 12<sup>th</sup> grade English

**May not satisfy NCAA athletic eligibility or four-year college entrance requirements.**

Students are responsible for the production of a 300+ page book that includes budget planning, advertising sales, page design, layout, copy writing, computer layout and photography. Also, students will be responsible for springtime planning for next year’s annual. Students must be willing to work as a member of a team, accept instruction, direction, and criticism from others. They should also be willing to do more than their own share when necessary. After school, evenings, and some weekends need to be spent on certain deadlines. Extra after-class time spent on yearbook production is a mandatory time requirement.



# **BUSINESS AND MARKETING**

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## **BUSINESS & MARKETING -- COURSE LISTINGS**

**All courses taken in this area of study count towards Occupational credit requirements.**

<u>Class</u>	<u>Course Number</u>	<u>Page(s)</u>
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Accounting 3-4 **.....	CTE 103, 104.....	119
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**\*Satisfies English requirement for 4-year public college admissions and high school graduation.**

**\*\*May satisfy Math credit for high school graduation.**

**DC – Dual Credit (formerly Tech Prep) for college may be available for this course.**

### **BUSINESS AND MARKETING LEADERSHIP PROGRAMS**

Business and Marketing provide student leadership opportunities with two student organizations:

DECA: An Organization of Marketing & Management Students Delta Epsilon Chi: Live, Learn, Lead.

FBLA: Future Business Leaders of America. Phi Beta Lambda: college division.

### **BUSINESS AND MARKETING CERTIFICATE PROGRAM**

Successfully completing a combination of Business and/or Marketing classes can result in earning one or more certificates that are awarded to students at the close of their senior year. Certificates can be earned in one or more the following areas:

ACCOUNTING

COMPUTER

GENERAL BUSINESS

MARKETING

### **BUSINESS AND MARKETING CLASSES FOR COLLEGE CREDIT**

Through dual credit, many of the classes taught in this department are cross-credited with classes offered at local community colleges. Successful completion with a B or better allows students to receive college credit for these classes. (See the listing above for Tech Prep classes.) There is no fee associated with this program.



**ACCOUNTING 1-2 (CTE 101, 102)****OPEN TO:** 10, 11, 12 Full Year Course**PREREQUISITE:** None**CROSS CREDIT:** Meets 3rd year Math Algebra Requirement**College credit may be available for this course.**

If you plan to work in any position in the business world or eventually own your own business, you need to know accounting--the language of business. The concepts are challenging, but the math in this class is easy. You will learn how to set up and maintain the financial records of a business. After learning the accounting cycle for a sole proprietorship, students will learn the payroll system and how to record financial statements using special journals. Simulations and relevant applications will give students the opportunity to apply their skills and knowledge to realistic business situations. This course meets the Washington State 3rd year Math Algebra requirements and is approved for Math cross credit.

**ACCOUNTING 3-4 (CTE 103, 104)****OPEN TO:** 11, 12 Full Year Course**PREREQUISITE:** C grade in Accounting 1-2**CROSS CREDIT:** Meets 3rd year Math Algebra Requirement

After reviewing the accounting cycle, students will expand their first year knowledge by delving further into accounting for assets, liabilities and equity; analyze and interpret financial statements; learn how accounting is different for partnerships and not-for-profit organizations; become aware of special accounting systems and how accounting contributes to business decision. Computers are everywhere--and in business that is true, too! Computerized accounting is a major component of the second year of accounting. This course includes a simulation activity where the students actually become the accountant for a company and provide all their accounting services, from writing checks for bill payments to preparing their financial statements.

**LAW AND SOCIETY (CTE 130)****OPEN TO:** 10, 11, 12 One Semester Course**PREREQUISITE:** None**College credit may be available for this course.**

Ignorance of the law is no defense! Students will be introduced to basic law knowledge applicable to their personal and professional lives. The impact of laws on individuals and businesses will be explored including crimes, torts, contracts, rental agreements, and employment. Students will explore consumer laws, computer laws and ethics, and careers in law. Students will participate in a class mock trial and possible field trips. Guest speakers from the community will share their expertise with the students.

**BUSINESS - WORK-BASED-LEARNING (CTE 473)**

**OPEN TO:** 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** Must be working at a qualified work site  
Must be at least 16 years old  
Must have previously passed or be presently enrolled in a business class

Do you want to earn money and credit at the same time? Are you in need of credits to graduate? This program is designed to provide business students with supervised on-the-job training in office/business occupations. The job site will provide hands-on practice. Skills will be reinforced through the student's classes in the Business Education Department. The Business Education coordinator will make periodic visits to evaluate progress at the job site. Students earn .25 credits for every 90 hours of qualified paid employment. Students must complete all paperwork on time, provide their own transportation to and from the work site, and have excellent attendance both at school and on the job site.

**COMPUTERS - DIGITOLS (CTE 135)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** None

*College credit may be available for this course.*

This class features the newest technology in input devices. Voice recognition software will be introduced in this class, and students will gain experience using Dragon Naturally Speaking software, Microsoft Office software, scanners, and digital cameras. Students will review the alphabetic/numeric keyboard and 10-key pad to gain mastery of the keyboard for improved speed and accuracy, learn file management and computer fundamentals, and produce a variety of documents such as spreadsheets, letters, reports, and publications. Students will gain skills and computer experience that will aid in their current academic work, as well as in the preparation of their culminating project for graduation. This course is highly recommended for the college-bound student. The next level of this class is Advanced Computer Applications.

**COMPUTERS – ADVANCED COMPUTER APPLICATIONS (CTE 136)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** Digtols recommended

*College credit may be available for this course.*

This class gives students experience in a variety of computer applications. It is designed as a springboard from the middle school computer experience to the high school level. Students will increase their personal and occupational computer skills in programs that are currently used in school and business and become more skilled in using Microsoft Office software, such as Word, Excel, PowerPoint, and Publisher. Students have the option (although not a requirement) to achieve Microsoft Specialist I industry certification in Word and/or Excel. If students are planning to obtain more Microsoft certificates or would like to obtain Master status, they are encouraged to continue in the Microsoft Office Certification courses.

### **COMPUTERS - MICROSOFT OFFICE SPECIALIST (MOS) CERTIFICATION 1 (CTE 141)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** None

***College credit may be available for this course.***

For more than 20 years, Microsoft Certification has been the IT industry's most respected validation of skills. Do you know how to use Microsoft Office software such as Word, Excel, Access, PowerPoint, Outlook, SharePoint, and OneNote? If so, are you an intermediate or expert user, and how could you prove that to an employer? This class is exactly what you need! The Microsoft Office Specialist industry certificate program is offered by Microsoft and is recognized worldwide as the best method for employers to validate computer skill proficiency. This self-paced course is designed for self-motivated students who can set and meet challenging goals. In the Certification 1 class, students work toward certification in Word Expert and PowerPoint. Upon completion, students test their skill mastery by taking the Microsoft Office Specialist test for that particular software. The objective of this course is for students to earn two or more certificates per semester. The class may be taken for up to 3 semesters (Microsoft Office Specialist Certification 1, 2 and 3 may be taken in any order) as students work toward obtaining additional certificates, ultimately earning "Master" status, which is the obtainment of certificates in Word and Excel Expert, PowerPoint and either Access or Outlook. For more information, visit the Microsoft website or Certiport. Demonstrate you have the knowledge, skills, and abilities to productively use Microsoft Office. Microsoft Office Specialist certification enables you to tap the full features and functionality of the Microsoft Office system, resulting in heightened levels of individual performance, confidence, and differentiation.

By earning a Microsoft Certification, students will:

- have a firm measure and increased confidence in their skills
- achieve a higher degree of success in their pursuit of higher education or a career in technology
- gain recognition among peers and employers, and a distinct edge in the competitive job market
- demonstrate their skills on the latest technologies
- chart a career development path for ongoing advancement of Microsoft technology skills

### **COMPUTERS - MICROSOFT OFFICE SPECIALIST (MOS) CERTIFICATION 2 (CTE 142)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** MOS 1

***College credit may be available for this course.***

This course is a continuation of Microsoft Office Specialist Certification 1 (see description for more details). The second semester will focus on learning the objectives and passing the Excel Expert certification exam. This class may be taken for up to 3 semesters (Microsoft Office Specialist Certification 1, 2 and 3 may be taken in any order) as students work toward obtaining additional certificates, ultimately earning "Master" status, which is the obtainment of certificates in Word and Excel Expert, PowerPoint and either Access or Outlook. For more information, visit the Microsoft or Certiport website.

### **COMPUTER - MICROSOFT OFFICE SPECIALIST (MOS) CERTIFICATION 3 (CTE 143)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** MOS 2

***College credit may be available for this course.***

This course is a continuation of Microsoft Office Specialist Certification 1 and 2 (see description for more details). The third semester will focus on learning the objectives and passing the Access and Outlook certification exams. This class may be taken for up to 3 semesters (Microsoft Office Specialist Certification 1, 2 and 3 may be taken in any order) as students work toward obtaining additional certificates, ultimately earning "Master" status, which is the obtainment of certificates in Word and Excel Expert, PowerPoint and either Access or Outlook. For more information, visit the Microsoft website. Individual student material costs may be applicable to this course.

### **MICROECONOMICS & MACROECONOMICS- ADVANCED PLACEMENT (CTE 190, 191)**

**OPEN TO:** 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** Marketing 3 & 4, Civics, or Global Issues

**CROSS CREDIT:** Social Studies Elective

The aim of this course is to provide the student with a learning experience equivalent to that in a typical college introductory business/economics course. First semester will focus on microeconomics and second semester will be macroeconomics. Students will master economic thinking and decision-making, understand development of modern economic theory, become familiar with the basic language of business and economics, and understand the basic measurements of economic performance. There will be intensive review during second semester to prepare for the Advanced Placement Microeconomics and Advanced Placement Macroeconomics Exams.

### **BUSINESS & MARKETING (BAM) FOUNDATIONS / DECA (CTE 188)**

**OPEN TO:** 9                              One Semester Course

**PREREQUISITE:** None

This course is a survey of business and marketing concepts designed to help freshman students who want to develop marketing skills and apply them to business settings. Topics covered in the class include marketing functions, marketing utilities, product development, goal setting, presentation techniques, communication in the marketplace, and current marketing events. Students develop their knowledge of course topics through hands-on activities, projects, and assignments relevant to the business world. This class uses guest speakers and field trips to enhance the classroom climate. Students may participate in DECA, offering conferences across the U.S.; area, state, and international competitions; and leadership retreats. The potential exists for short-term experiences in the marketing/DECA student store. This course is a possible exploratory course for the Marketing Certificate offered by the Business and Marketing Education Department.

### **MARKETING 1 & 2 / DECA (CTE 170, 171)**

**OPEN TO:** 10, 11, 12                      Full Year Course

**PREREQUISITE:** None

*College credit may be available for this course.*

This interesting and exciting year-long introductory class will help students learn about careers and concepts in marketing. Students will be able to utilize these concepts regardless of their future employment interests and improve their chances of success in our free enterprise system. Areas which will be explored are leadership development, pricing concepts, product strategy, advertising and sales promotion, visual merchandising and display techniques, job acquisition skills, job safety, free enterprise, starting student businesses in class, and basic selling techniques. This class uses guest speakers and field trips to enhance the classroom climate. Students may participate in DECA, offering conferences across the U.S.; area, state, and international competitions; and leadership retreats. The potential exists for short-term experiences in the marketing/DECA student store. This course is a possible exploratory course for the Marketing Certificate offered by the Business and Marketing Education Department.

### **MARKETING PROJECT MANAGEMENT / DECA (CTE 175, 176)**

**OPEN TO:** 10, 11, 12                      Full Year Course

**PREREQUISITE:** Marketing 1 & 2 recommended

*College credit may be available for this course.*

Class work is more individual and project-oriented in nature. Students will prepare an advanced marketing project that enhances presentation and computer skills. Marketing finance, organization and planning, business management, managerial applications, visual communications, community involvement, and the execution or application of a marketing plan or project are necessary when completing a project. The opportunity exists to compete in advanced marketing projects for area, state, and international competition that require written and/or oral presentation skills. This course is a preparatory course for the Marketing Certificates offered by the Business and Marketing Education Department.

**MARKETING AND BUSINESS ADMINISTRATION (CTE 180, 181)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** Marketing 1 & 2 or Marketing Project Management recommended or Teacher's signature

**CROSS CREDIT:** Social Studies

*College credit may be available for this course.*

Marketing and Business Administration is the capstone course in the Marketing program. The course introduces students to the complex and changing global environment of business and provides a valuable foundation for students interested in pursuing a Masters of Business Administration at the post-secondary level. Students will learn advanced skills in economics, entrepreneurship, finance, human resources, marketing, management, and decision-making. The curriculum includes opportunities to complete team or individual, advanced business projects to enhance student learning. This course can be used as a component of the Business and Marketing Certificate Program. Students are encouraged to join DECA to increase opportunities for travel, competition and scholarships.

**MARKETING – SPORTS & ENTERTAINMENT (CTE 177)**

**OPEN TO:** 11, 12 (10 w/ permission) One Semester Course

**PREREQUISITE:** None

The Sports and Entertainment Marketing course will prepare students to perform basic marketing functions in a variety of areas, such as sporting events, amusement parks, entertainment venues and athletic related merchandise. Students study marketing foundations and principles, including products, pricing, promotion, finance, selling, branding, licensing and product/service planning. Marketing simulations, projects, teamwork, DECA leadership activities, meetings, conferences, and competitions provide many opportunities for application of instructional competencies. Work-based learning opportunities are available for additional credits. This course is a preparatory course for the Marketing Certificates offered by the Business and Marketing Education Department.

**MARKETING STORE RETAIL OPERATIONS /DECA (CTE 182, 183)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** Students who have taken a marketing class or who are currently enrolled in a marketing class will be given first consideration.

\*10<sup>th</sup> graders must have Teacher's signature

*College credit may be available for this course.*

As members of the "School to Work" student store team, students in this class operate the DECA Store. Students will be involved in buying, pricing, purchasing, cashiering, sales, visual merchandising, inventory, customer relations, and overall marketing operations. The DECA curriculum enhances this course with opportunities for the area, state, and international conferences. This course is a possible choice for the Marketing Certificate offered by the Business and Marketing Education Department.

**MARKETING STORE SMALL BUSINESS OPERATIONS /DECA (CTE 184, 185)**

**OPEN TO:** 12 Full Year Course

**PREREQUISITE:** Marketing Store Operations 1-2

Teacher's signature

*College credit may be available for this course.*

Students may extend their marketing and management experiences in the student store by taking this second year course. This course requires students to take a leadership role in the DECA Store. Store directors, shift managers, and other leadership positions come from this class. Students must learn how to manage and motivate others in a real business setting. This course is a possible choice for the Marketing Certificate offered by the Business and Marketing Education Department.



# **FAMILY AND CONSUMER SCIENCES**

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## FAMILY & CONSUMER SCIENCE -- COURSE LISTINGS

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Nutrition & Wellness .....	CTE 250 .....	128

**DC – Dual Credit (formerly Tech Prep) for college may be available for this course.**

**\$ -- Individual student material costs may be applicable to this course**



### **CAREERS WITH CHILDREN 1-4 (CTE 211, 212, 213, 214)**

**OPEN TO:** 10, 11, 12                      One to Four Semester Course

**PREREQUISITE:**

- Teacher's Signature
- Excellent Attendance Record

**Cross Credit:** *Tech Prep/Dual college credit may be available for this course.*

**CTE or Elective**

The Careers with Children course includes an in-depth study of the principles and foundations of education and an opportunity to work with a mentor teacher. The course focuses on the theory and practice of teaching and learning. Students will gain the knowledge, skills and practices required for careers working with children. Mentorship provides opportunities for management of classroom, including planning activities, and programs that incorporate safe and healthy environments for children.

**Excellent attendance and academic standing** is required along with CPR, and a WSP background check. Field site experience will include placement in the community. This course will articulate with a two-year and may articulate with four-year University upon meeting the academic requirements of this course. Family, Career and Community Leaders of American and/or 21<sup>st</sup> Century Skills is the integrated leadership component of this course.

Individual student material costs may be applicable to this Course. Tuberculosis screening may be required for early daycare placement.

### **FASHION APPAREL & DESIGN (CTE 225, 226)**

**OPEN TO:** 9, 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** None

**CROSS CREDIT:** Fine Arts

This project-based course is designed to integrate the skills and knowledge necessary for exploring the Fashion Industry. The integration of the principles and elements of design will be evident throughout all projects. The course focuses on career opportunities in fashion design, textiles and apparel. Knowledge in basic fashion construction and design, textiles, color analysis, and merchandizing are emphasized. Family Career and Community Leaders of America and/or 21<sup>st</sup> Century Skills are the integrated leadership component of this course. Individual student material costs may be applicable to this course.

### **FOOD-SCIENCE & NUTRITION (CTE 231, 232)**

**OPEN TO:** 9, 10, 11, 12                      Full Year Course

**PREREQUISITE:** None

**CROSS CREDIT:** Lab Science

**May not meet four year college or NCAA requirements**

This year-long lab science course focuses on the biological and chemical components of good nutrition. Through laboratory experiences with food products, students discover the role nutrients (proteins, carbohydrates, fats, vitamins, minerals, and water) play in producing overall good health. Students explore factors that influence metabolism. Family Career and Community Leaders of America and/or 21<sup>st</sup> Century Skills are the integrated leadership component of this course. Individual student material costs may be applicable to this course.

### **INDEPENDENT LIVING (CTE 240)**

**OPEN TO:** 10, 11, 12                      One Semester Course

9<sup>th</sup> grade with teacher permission

Students will acquire and apply knowledge and skills to successfully live independently. Students will have the opportunity to explore the following: evaluation/interpersonal skills, career exploration and employability skills, financial literacy, consumer awareness, nutrition, wellness and food preparation, adult relationships and responsibilities. Family Career and Community Leaders of America and/or 21<sup>st</sup> Century Skills are the integrated leadership component of this course. Individual student material costs may be applicable to this course.

### **INTERIOR DESIGN (CTE 245)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course

**PREREQUISITE:** None

**CROSS CREDIT:** Fine Arts

This project-based course allows students to utilize creativity while developing knowledge and skills related to housing, interior design, and home décor. The integration of the principles and elements of design will be evident throughout all projects. Projects will demonstrate student use of industry guidelines to design space that utilizes blue prints/floor plans, architectural symbols and design practices to meet client's needs. Family Career and Community Leaders of America and/or 21<sup>st</sup> Century Skills are the integrated leadership component of this course. Individual student material costs may be applicable to this course.

**NUTRITION & WELLNESS (CTE 250)**

**OPEN TO:** 10, 11, 12                      One Semester Course

**PREREQUISITE:** None

**CROSS CREDIT:** Health

Nutrition and Wellness explores the impact of nutrition and food choices on personal health. Students will have the opportunity to learn the health consequences and causes of abnormal eating patterns. Food preparation, kitchen safety and sanitation are covered. Students learn the benefits of physical activity combined with healthy eating to maintain optimal health. Students participate in individual and group projects that include tasting and cooking labs that focus on the healthy eating of today. Family Career and Community Leaders of America and/or 21<sup>st</sup> Century Skills are the integrated leadership component of this course. Individual student material costs may be applicable to this course.

# **ENGLISH/ LANGUAGE ARTS**

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## ENGLISH/LANGUAGE ARTS-- COURSE LISTINGS

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\*\*Satisfies English requirement for 4-year public college admissions and high school graduation.

\$ -- Individual student material costs may be applicable to this course

**AMERICAN LITERATURE AND WRITING - BASIC (LAN 310, 311)**

**OPEN TO:** 11, 12                      One Year-(offered at department discretion)

**PREREQUISITE:** Teacher's signature. English Department Review/Signature of Department Chairperson  
*Satisfies high school English credit but not four year college or NCAA entrance requirement.*

This course emphasizes the specific skills students need to read and enjoy American literature including finding the main idea, making inferences, separating fact from opinion, and increasing vocabulary. Practice with these skills through discussion, writing, and multi-modal activities will help students increase their communication skills. This course also provides an opportunity for students to improve practical writing skills to succeed on the state test. Vocabulary building will continue to be emphasized.

**AMERICAN LITERATURE & WRITING (LAN320, 321)**

**OPEN TO:** 11, 12                      Full Year Course

**PREREQUISITE:** None

Students will read and discuss a variety of works in American literature from past classics to contemporary works and examine the major periods, movements, and trends in American literary history and the influence of each on twentieth-century literature. Students will have the opportunity to improve writing skills in research, narrative, and expository writing, and continue to practice both analytical and persuasive writing.

**CHILDREN'S THEATER (LAN 508, 509)**

**OPEN TO:** 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** Acting 1 or Teacher's signature

**CROSS CREDIT:** Fine Arts

Students will actively participate in the preparation and performance of shows for elementary students. They will study basic acting skills, pantomime, storytelling, mask and puppet making, and play writing. Good attendance is extremely important.

**COLLEGE WRITING (LAN 417)**

**OPEN TO:** 12                              One Semester Course/Full Year Course

**PREREQUISITE:** None

This course is designed for the college bound student wanting to learn how to write at the college level, and will prepare students for a variety of writing required in college including essays, narratives, and summaries. Students will also learn research techniques and skills necessary to prepare a college and scholarship application.

**COMMUNICATIVE ARTS (LAN 410)**

**OPEN TO:** 12                              One Semester Course

**PREREQUISITE:** None

*This course does not meet NCAA eligibility requirements.*

In this course students will learn the skills to become media literate and more informed consumers of music, magazines, advertising, radio, television, and movies. The class will use the internet; books, film and the movie industry, television and videos, newspapers, magazines, radio, advertising, music and recordings, and comics and animation to discover the power and influence of mass media. Students will work on projects and writing both in and out of class, researching and evaluating mass media.

**COMPETITIVE SPEAKING (LAN 520)**

**OPEN TO:** 9\*, 10, 11, 12 One Semester Course

\*9<sup>th</sup> elective (must take English 9 Honors as well).

**PREREQUISITE:** Minimum 3.0 GPA

All students enrolling in this course and their parents must attend an information night in September.

***This course does not meet NCAA eligibility requirements.***

Students will study, practice, and present individual event speeches for competition in tournament and class. Types include: oratory, expository, interpretation--oral, dramatic humorous and dual, extemporaneous, editorial commentary, impromptu, and others. Students are expected to be responsible persons, able to work independently, and to give speeches on time. Student participation is required in at least two tournaments which are held both on weekdays and weekends and at after school and Saturday practices prior to the competitions.

**CREATIVE WRITING (LAN 416)**

**OPEN TO:** 12 One Semester

**PREREQUISITE:** None

Students will express themselves creatively in a variety of forms. Students are required to write every day, in class and at home, be willing to share written work, and read assigned literary examples. They must come motivated to write independently. In addition, students will serve as peer editors capable of giving and receiving constructive criticism.

**DEBATE 1 (LAN 517)**

**OPEN TO:** 9\*, 10, 11, 12 Fall Semester Course

\*9<sup>th</sup> elective (must take English 9 Honors as well).

**PREREQUISITE:** Teacher's signature

Minimum 3.0 GPA

All students enrolling in this course and their parents must attend an information night in September

**CROSS CREDIT:** 10<sup>th</sup> or 11<sup>th</sup> grade English (one semester only)

***May not satisfy NCAA or four year college entrance requirements.***

Students will study and practice the fundamentals of formal debate and individual speeches. Student participation is required in at least two tournaments which are held both on weekdays and weekends; and at after school and Saturday practices prior to the competitions.

**DEBATE 2 (LAN 518)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** Debate 1

***May not satisfy NCAA or four year college entrance requirements.***

Students will continue their study and practice the fundamentals of formal debate and individual speeches. Additional forms of debate (parliamentary, congress, public forum, and mock trial) will be introduced and practiced. Advanced policy debaters will also research the next year's topic, while Lincoln-Douglas debaters research and debate the national winter and spring topics. Several additional individual speech events will be introduced and practiced as well. Students are expected to be responsible, able to work independently, and complete assignments on time.

**HUMANITIES 1 & 2 (LAN 421, 422)**

**OPEN TO:** 12 One Semester or Full Year Course

**PREREQUISITE:** None

This course introduces students to the disciplines within the humanities. Human thought and development will be studied through art, music, drama, fiction, films, and poetry.

**INDIVIDUALIZED LITERATURE (LAN 413, 414)****OPEN TO:** 12 One Semester Course**PREREQUISITE:** None**Does not satisfy NCAA or four year college entrance requirements.**

This class is geared for those students who love to read as well as those students who would like to love to read and who are willing to find books that interest them. Individualized reading will allow students to select their own reading books based upon their interests and ability level. Students will use class time for reading and journaling. In addition to reading, students will write, daily, a very short summary of what was read, prepare a final book review upon completion of a book, and talk to the teacher about the book. Grading is based on the number and quality of books read, as well as attendance. Other activities beyond reading may be required at teacher's discretion.

**JOURNALISTIC WRITING (LAN 513)****OPEN TO:** 9, 10, 11, 12 One Semester Course

May fulfill only one semester of 11, 12 grade high school English requirement.

**PREREQUISITE:** Teacher's signature**CROSS CREDIT:** 11<sup>th</sup> grade American Literature (one semester only)

Students will learn journalistic writing skills necessary to write news and sports stories, features, editorials, and reviews. They will review grammar, punctuation, and spelling compatible with Associated Press Style. Students must be willing to work outside of class to research stories and meet deadlines. They will cover a regular news "beat" and critique the student newspaper. Although they will be exposed to other aspects of journalism, such as press freedom and graphic design, they will primarily be writing in the various journalistic styles. A grade of B or higher in this class is a **PREREQUISITE** for being on the newspaper staff.

**LANGUAGE ARTS 9 (LAN 120, 121)****OPEN TO:** 9 Full Year Course**PREREQUISITE:** None

The course objective is to provide each freshman with a background in both literature and writing. Specific literature units include poetry, novels, short stories, and plays with emphasis on theme, character, plot, point of view, and conflict. Students will continue to develop vocabulary, grammar, and reading and composition skills. LA 9 is the foundation writing class where students learn and practice fundamental writing skills necessary to succeed in LA 10 and other courses across the curriculum. They will also give organized oral presentations, develop group discussion skills, and practice good listening skills.

**LANGUAGE ARTS 9 – HONORS (LAN 130, 131)****OPEN TO:** 9 Full Year Course**PREREQUISITE:** Teacher's signature

This class will provide a more challenging approach to the regular curriculum, and enable students to demonstrate abilities to use higher-level thinking skills, analysis, synthesis, and evaluation. Students will study poetry, novels, short stories, and plays with emphasis on theme, character, point of view, mood, conflict, foreshadowing, and flashbacks. Essay writing will be a focus with emphasis on developing expository and persuasive writing skills. Additionally, students will give organized oral presentations, develop large and small group discussion skills and good study habits, and expand their outside reading. Grammar and vocabulary will also be a focus.

**LANGUAGE ARTS 10 – BASIC (LAN 210, 211)****OPEN TO:** 10 Full Year Course**PREREQUISITE:** Teacher's signature

This course provides students with the opportunity to improve their reading, writing, listening, viewing, speaking, presenting, and thinking skills. Assignments may parallel those of LANGUAGE ARTS 10; however, more emphasis will be placed on skill building in direct preparation for the reading and writing state test.

**LANGUAGE ARTS 10 (LAN 220, 221)****OPEN TO:** 10 Full Year Course**PREREQUISITE:** None

This class is an integrated study of literature and writing that builds important skills in thinking, reading, speaking, listening, and viewing. Focus will be directed to the thinking skills of point of view, finding evidence, and problem solving. Students will review and expand their knowledge of punctuation, grammar, sentence structure, spelling, vocabulary building, and multi-paragraph writing. They will read short stories, poetry, plays, novels, and essays, discuss them, and write about the ideas found in these materials.

**LANGUAGE ARTS 10 – HONORS (LAN 230, 231)****OPEN TO:** 10 Full Year Course**PREREQUISITE:** Teacher's signature

The purpose of this pre-Advanced Placement English class will provide a more challenging approach and accelerated curriculum for academically talented sophomores. Students will work with literature and writing through the higher level thinking skills of analysis, synthesis, and evaluation. Literature will be drawn from the classics. Writing as an on going process will be studied. There will be a review of the grammatical and stylistic techniques that make for more effective writing. In addition to novels studied as a class, students will participate in extensive outside reading.

**ENGLISH LANGUAGE & COMPOSITION – ADVANCED PLACEMENT (LAN 330, 331)****OPEN TO:** 11 Full Year Course**PREREQUISITE:** A or B grade in previous English class

Teacher's signature

Honors LA 10 recommended, not required

This course will provide students, especially those who are university bound or interested in AP English, with an intensive study of primarily nonfiction, including contemporary works and training in a variety of writing formats, including documented research writing, narrative writing, timed writing, and critical analytical writing. Students will read essays, novels, and editorials analyzing the importance of the author's rhetorical choices of argumentation, appeals, diction, and syntax. They will also learn to apply these strategies within their own writing. The class will prepare students to take the AP English Language/Composition Test. Students taking this class should be willing to engage actively in the demands of a college-level course.

**ENGLISH LITERATURE & COMPOSITION – ADVANCED PLACEMENT (LAN 430, 431)****OPEN TO:** 12 Full Year Course**PREREQUISITE:** Teacher's signature,

Previous Honors English class recommended

This course emphasizes analytical and interpretive responses to recognized literary works of merit. Students will study intensively a few representative works from several genres and literary periods. A short-term goal is to prepare for the AP test in English Literature and Composition. Long-term goals include learning at a rate comparable to ability, dealing with challenging materials, and refining reading and writing skills important for success in college and the professional world; and cultivating habits of reading, writing, and thinking that characterize life-long learning and enjoyment. Students should be willing to actively engage in the demands of a college-level course. (Summer reading or writing may be required at the department's discretion.)

**NEWSPAPER STAFF (LAN 514, 515)****OPEN TO:** 10, 11, 12 One Semester or Full Year Course**PREREQUISITE:** Teacher's signature

A or B grade in Journalistic Writing (Exception: photographers)

**CROSS CREDIT:** 12<sup>th</sup> grade English

Students will produce the student newspaper. Students will research and write in-depth stories for each publication and then spend three to four days doing layout for each issue. Students must be responsible, independent workers who are willing to work before and after school to produce the paper under the direction of the selected student editors, who assume most of the responsibility for directing the class. Students will practice journalistic writing, layout techniques, skills in leadership, self-discipline, and organization. Students will have the opportunity to attend and to compete at state and national conferences. Meeting deadlines and selling advertising are essential and important parts of the grading systems.



**POETRY (LAN 418)****OPEN TO:** 12                      One Semester Course**PREREQUISITE:** Teacher's signature

Poetry is designed to build upon previous poetry encounters as well as challenge students with new ones. This class gives students the opportunity to experience poetry through reading, writing, speaking, and listening to published poems as well as original student creations. Class discussion is an integral part of the course. Class time is balanced between discussion of published poems and the creation and critiquing of original works.

**READING LAB (LAN 423, 424)****OPEN TO:** 9                      One Semester or Full Year Course**PREREQUISITE:** Teacher's signature (8<sup>th</sup> or 9<sup>th</sup> grade Eng)**RECOMMENDATION:** 11, 12 grade students who have not passed the Reading state assessment. Students will be placed per administration and counselor recommendation.**Does not satisfy NCAA or four college entrance requirements.**

This course utilizes the mastery learning approach while providing students with the opportunity to develop basic real life reading comprehension skills, reading fluency, functional reading, and reading for pleasure. Class content will include reading strategies, reading practice, reading logs and projects to support all content areas. Daily newspapers, magazines, resource/reference tools, and books of personal choice comprise the core reading material. Students will also read fiction and non-fiction, articles, plays and other works.

**Advanced Placement (AP) Seminar (LAN 336, 337)****OPEN TO:** 10, 11, & 12                      Full Year Course**PREREQUISITE:** None

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

**SHAKESPEARE (LAN 411)****OPEN TO:** 12                      One Semester Course**PREREQUISITE:** None

This course is designed for students who desire an in-depth study of Shakespeare's works. Emphasis will be placed on demystifying Shakespeare, thus making his themes and language accessible to our lives today. Course work will include Shakespeare's comedy, tragedy, and history plays as well as poetry. Students will be expected to participate in fun activities using Shakespeare text, join in class discussions, provide written analyses, and work together on group projects. A historical study of Elizabethan England will be included. The curriculum is very hands-on and entertaining.

**SOCIETIES OF THE FUTURE (LAN 412)****OPEN TO:** 12                      One Semester Course**PREREQUISITE:** Teacher's signature

This course examines the roots and development of science fiction through short stories, novels, and films. Students will explore major themes in the field to gain a greater understanding of the genre and how science fiction uses imaginary beings or events to comment on society. Class discussions, student writing, and projects focus on major science fiction authors' works.

### **SPORTS LITERATURE (LAN 415)**

**OPEN TO:** 12 One Semester Course

**PREREQUISITE:** Teacher's signature

**This course does not meet NCAA eligibility requirements.**

Students enrolled in Sports Literature will engage in reading and writing about a broad range of sports and the athletes who, at all levels of competition, capture our imaginations. Throughout the course students will develop their ability to analyze and articulate thoughtfully their views concerning the important ideas, issues and values that center around the wide world of sports. Areas of focus include, but are not limited to professional sports, amateur athletics, the notion of 'extreme' sports, athlete biographies, Socratic seminars, and the sports movie genre.

### **SUCCESSFUL SPEAKING (LAN 420)**

**OPEN TO:** 12 One Semester Course

**PREREQUISITE:** Teacher's signature

**This course does not meet NCAA eligibility requirements.**

Students will practice active listening and speaking skills in informal situations. They will present formal and informal individual and group projects. The emphasis is on non-competitive speaking. Students are expected to participate in reading, writing, and discussion activities. Grade will reflect daily contribution to class activities, so attendance and active participation are critical. This class is geared to students of all ability levels.

### **THEATER HISTORY (LAN 118)**

**OPEN TO:** 11, 12 One Semester Course

**PREREQUISITE:** None

**CROSS CREDIT:** *Social Studies elective*

**This course does not meet NCAA eligibility requirements.**

This course is open to students with a genuine interest in theatre. This course will cover theatrical history from its beginnings to the modern period. The course will cover all theatrical elements from acting to stage technologies. Students will study plays of each era to discover how plays reflect the politics and feelings of society and influence culture.

### **WRITING LAB (LAN 532)**

**OPEN TO:** 9, 10 One Semester or Full Year Course

**PREREQUISITE:** Teacher's signature (9<sup>th</sup> grade English)

Must have failed one semester of LA 9 and be currently enrolled in LA 10

**This course does not meet NCAA eligibility requirements.**

This limited enrollment lab is designed for students who have experienced difficulty in mastering the writing model standard to all English classes. This class is not for students who failed LA 9 or LA 10 due to attendance and/or discipline/effort issues. Students enroll in this class concurrently with LA 10 since instruction and assignments will support and reinforce the LA 10 curriculum. Writing Lab will provide individualized instruction and academic assistance in order to help students reach benchmark proficiency. In addition, this class provides students with an extended period of time to write, edit, and publish writing assignments from LA 10. Consistent attendance is critical to success in this class.

### **YEARBOOK 1 & 2 (LAN 511, 512)**

**OPEN TO:** 10, 11, 12 Full Year Course

**PREREQUISITE:** Teacher's signature and application

**CROSS CREDIT:** 12<sup>th</sup> grade English

**May not satisfy NCAA or four-year college entrance requirements.**

Students are responsible for the production of a 300+ page book that includes budget planning, advertising sales, page design, layout, copy writing, computer layout and photography. Also, students will be responsible for springtime planning for next year's annual. Students must be willing to work as a member of a team, accept instruction, direction, and criticism from others. They should also be willing to do more than their own share when necessary. After school, evenings, and some weekends need to be spent on certain deadlines. Extra after-class time spent on yearbook production is a mandatory time requirement.

# **ENGLISH LANGUAGE LEARNERS**

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## **ENGLISH LANGUAGE LEARNERS -- COURSE LISTINGS**

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English Language Learners Level 1 Lab .....	ELL 500, 501 .....	135
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English Language Learners Study Skills .....	ELL 120, 121 .....	135
English Language Learners U. S. History .....	ELL 205, 206 .....	135

**ELL LANGUAGE ARTS 1 (ELL 101, 102)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course

***PREREQUISITE:*** ELPA21 L1 or teacher permission

***One year may count toward four-year college requirement.***

***Does not satisfy NCAA requirements.***

Designed for students whose first language is other than English, these courses stress listening, speaking, reading, and writing of English. Students will learn English pronunciation, vocabulary, comprehension skills, grammar, as well as general survival skills and study skills. A variety of language experiences will be utilized to facilitate the process of language acquisition. Instructional materials are chosen/developed to meet the needs/skill levels of individual students.

**ELL LANGUAGE ARTS 2 (ELL 201, 202)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course

***PREREQUISITE:*** ELPA21 L2 or teacher permission

***One year may count toward four-year college requirement.***

***Does not satisfy NCAA requirements.***

Designed for students whose first language is other than English, these courses stress listening, speaking, reading, and writing of English. Students will work to improve English pronunciation; build vocabulary and reading comprehension skills; and develop stronger grammar and writing skills as well as general survival and study skills. Instructional materials are chosen to meet the needs and skill levels of individual students.

**ELL LANGUAGE ARTS 3 (ELL 301, 302)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course

***PREREQUISITE:*** ELPA21 L3 or teacher permission

***One year may count toward four-year college requirement.***

***Does not satisfy NCAA requirements.***

This course is for students who have more advanced English skills. Students will continue to work on pronunciation and comprehension skills; and work on vocabulary and grammar development. Students will read literature, and write in a variety of formats.

**ELL – LANGUAGE SUPPORT LAB– Level 1 (ELL 500 Lab A/501 Lab B)**

***OPEN TO:*** 9, 10, 11, 12 -ELL students new to program (in USA less than 12 months) Semester Course

***PREREQUISITE:*** ELL Teacher placement and ELPA21 Level 1

Emphasis on activities involving emerging language acquisition for students new to program, to include vocabulary development, communication skills, and academic language.

**ELL – LANGUAGE SUPPORT LAB– Level 3 (ELL 503 Lab A/504 Lab B)**

***OPEN TO:*** 9th grade ELL students enrolled in mainstream language arts 9 Semester Course

***PREREQUISITE:*** ELL student currently enrolled in mainstream language arts 9 and ELPA21 Level 2 or 3

Class is designed to support students whose first language is other than English with extended learning opportunities that parallel ninth grade language arts curriculum.

**ELL STUDY SKILLS (ELL 120, 121)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course.

***PREREQUISITE:*** ELL teacher placement

Emphasis on developing learning and organizational strategies necessary in mainstream classes. This class closely parallels Study Skills.

**ELL – U.S. HISTORY (ELL205, 206)**

***OPEN TO:*** 10, 11, 12 Full Year Course

***PREREQUISITE:*** ELL Coordinator placement

***Satisfies high school history credit but not four-year college entrance.***

***Does not satisfy NCAA requirements.***

A basic US History course designed for students whose English language skills are very limited. Students will examine basic features of United States history from the first inhabitants of the country to the present; and acquire a working knowledge of U.S. history facts, government structure, and citizen responsibilities.

# MATHEMATICS

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## MATHEMATICS—COURSE LISTINGS

*Refer to graduation requirements for detail in required math courses.*

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### ADDITIONAL COURSES FOR MATH CREDIT

*These courses count for Math credit for graduation—NOT for 4-year college entrance or NCAA*

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Mathematics for Business & Personal Finance .....	CTE 117, 118.....	124
Power, Energy, & Transportation \$.....	CTE 450.....	111
Power, Energy, & Transportation -- Adv \$ .....	CTE 451.....	111
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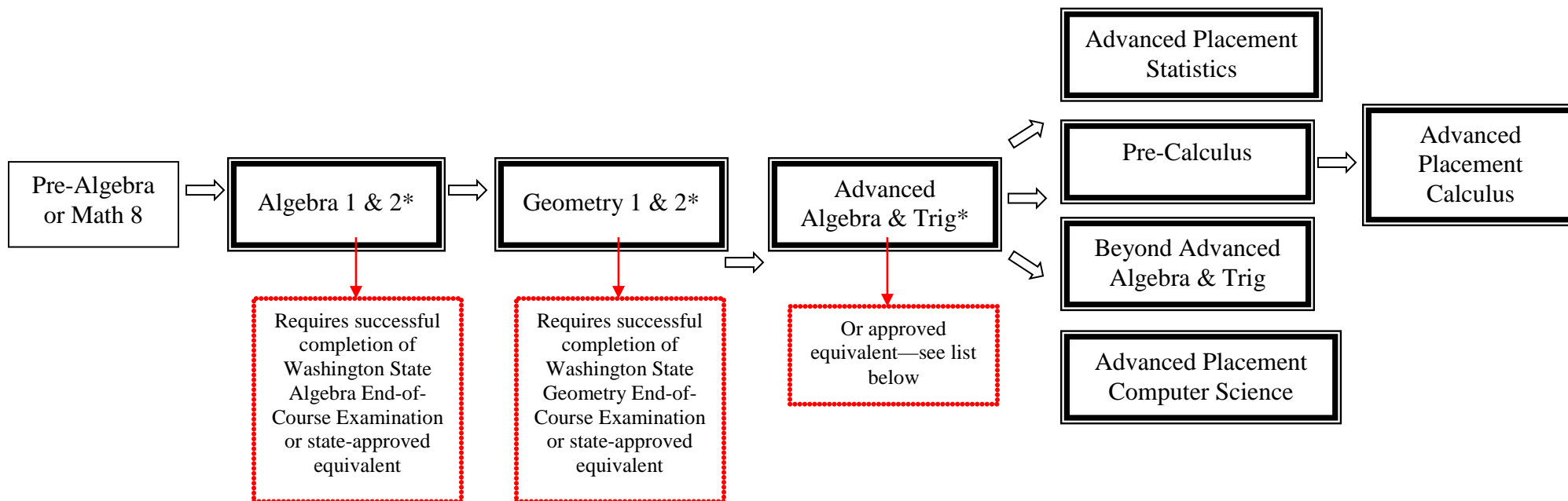
**\*\*Satisfies Math requirement for 4-year public college admissions.**

**DC – Dual Credit (formerly Tech Prep) for college may be available for this course.**

**\$ -- Individual student material costs may be applicable to this course.**



**SAMPLE MATHEMATICS COURSE FLOW CHART**  
**For the most recent information about mathematics requirements go to**  
<http://www.k12.wa.us/Mathematics/default.aspx>



**Course Options for Mathematics Third Credit**

Accounting 1-2, 3-4	Computer Science	Electronics 1-2, 3-4	Mathematics for Business & Personal Finance	Principles of Technology
Advanced Automotive Technology	Engineering Design and Architecture 1-4	Drafting Engineering Technology	Power, Energy & Transportation	Robotics Technology
Aerospace Assembly			Advanced Power, Energy & Transportation	Woodworking & Design 3-4, 5-6

**\*Required for high school graduation.**

**ALGEBRA 1-2 (MAT 120, 121)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course.

**PREREQUISITE:** Placement in this course may be based on a combination of previous course grade, MAP assessment score, and most recent state assessment score. Second semester placement may be dependent on student earning a passing grade for first semester.

Fundamentals of Algebra are taught through lecture presentations and textbook study. Topics include: variables, exponents, the Cartesian system, linear sentences and systems, and polynomials. Calculator and graphing skills are taught and used in problem solving.

**ALGEBRA & TRIGONOMETRY--ADVANCED (MAT 310, 311)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Recommended 80% or better in Geometry or teacher recommendation based on a combination of student's Geometry grades, most current MAP assessment and state assessment scores.

Advanced Algebra topics are presented and include: discrete mathematics, equations and inequalities, functions and their roots, logarithms, and trigonometry. Graphing calculator skills are taught and applied to problem solving.

**BEYOND ADVANCED ALGEBRA & TRIGONOMETRY (MAT 410, 411)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** Teacher recommendation, suggest 80% or better in Advanced Algebra Trigonometry or Pre-Calculus

This class is intended for the college prep student not pursuing calculus in high school. Students will study Advanced Algebra, Trigonometry, and related technologies to prepare for college-level math, the SAT, and college placement tests.

**PRE-CALCULUS 1-2 (MAT 412, 413)**

**OPEN TO:** 10, 11, 12 Full Year Course

**PREREQUISITE:** Recommend 80% or better in Advanced Algebra Trigonometry or Beyond Advanced Algebra Trigonometry

Pre-Calculus is the study of advanced functions and graphing, trigonometry, and discrete mathematics. Problem solving skills require the use of graphing calculators and related technologies. The math content is relevant to sciences, engineering, business and social sciences.

**CALCULUS 1-2 -- ADVANCED PLACEMENT (MAT 414, 415)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** Teacher's recommendation; Recommended 80% or better in Pre-Calculus

This course gives the student an introduction to the basic concepts of calculus for the purpose of taking the Advanced Placement test and entering a college calculus course. The student will study polynomial functions, limits, derivatives, logarithmic and exponential functions, trigonometric functions, integration, and their applications.

**CALCULUS BC 1-2 -- ADVANCED PLACEMENT (MAT 418, 419)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** Teacher's recommendation; Recommended 80% or better in Pre-Calculus

This course prepares students for the Advanced Placement Calculus BC Exam. Students will receive instruction in topics beyond the scope of our Advanced Placement Calculus I-II course (which prepares students for the AP Calculus AB Exam). Universities participating in Advanced Placement will often reward students who pass the BC exam with credit for up to one full year of freshman calculus! Topics include the calculus of parametric and vector-valued functions, polar coordinates, integration techniques, the logistic equation and the calculus of series. This challenging class is open only to students who are concurrently enrolled in the 2nd-semester of our Calculus I-II sequence (or who have completed this sequence).

### **COMPUTER SCIENCE 1 – INTRODUCTION (MAT 430)**

**OPEN TO:** 10, 11, 12 One Semester Course

**PREREQUISITE:** C grade in Geometry  
Type by touch 20 words per minute

**CROSS CREDIT:** Non-Lab Science

Students will learn how to program in a popular programming language. Many fundamental algorithms used in writing computer programs are covered in this course. Structured, top-down program design is stressed. Students completing assigned programs will have the opportunity to work in programming projects of their own choosing as time permits. Students must have an aptitude for analytical thinking and like to solve problems working with computers. Since all programming will be done in the classroom, students must be prepared to attend all scheduled classes.

### **COMPUTER SCIENCE 2 (MAT 431)**

**OPEN TO:** 10, 11, 12 One Semester Course

**PREREQUISITE:** Computer Programming I, Algebra 1/2, and Geometry 1 /2 with average grades or better or permission of teacher. Students must be able to keyboard at 20 WPM.

**CROSS CREDIT:** Non-Lab Science

Students will continue skills they learned in Computer Programming I. They will become familiar with data structures and top-down programming designs. Students will learn about program flow and decision making. This course will give students the opportunity to work with functions and get involved with more complex programming designs. Students must have an aptitude for analytical thinking, like to solve problems, and work with computers.

### **COMPUTER SCIENCE – ADVANCED PLACEMENT (MAT 420, 421)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** Computer Science 2, Advanced Algebra 3 / 4, Trigonometry, Type by touch 20 words per minute, teacher's signature

**CROSS CREDIT:** Non-Lab Science

The Java programming language is used in teaching principles of computer programming and program design. Many fundamental algorithms used in writing computer programs are thoroughly covered in this course. Structured top-down program design is stressed. Upon completion of this course, students may choose to take an advanced placement examination for college credit in computer science. This is an advanced (college level) course for computer science, mathematics, and science career majors. Students must have a superior aptitude for analytical thinking, like to solve problems, and work with computers. Extensive topics in computer programming and computer science will be covered on an intensive time schedule. Attendance and ethical behavior are critical for this course.

### **FOUNDATIONS OF ALGEBRA & GEOMETRY 1 & 2 (MAT110, 111)**

**OPEN TO:** 9 Full Year Course

**PREREQUISITE:** Placement in this course is based on a combination of previous course grade, MAP assessment score, and most recent state assessment score.

**Does not satisfy credit for Algebra 1 & 2 or Geometry 1 & 2.**

**Does not satisfy credit for high school graduation.**

**Does not satisfy NCAA and four-year college requirements.**

Fundamentals of Algebra and Geometry are taught through lecture, and textbook study. Topics include review of basic arithmetic skills, integers, expressions, multi-step equations, functions, and Cartesian Coordinate System.

### **GEOMETRY 1-2 (MAT 210, 211)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Recommend 80% in Algebra 1 & 2 or teacher recommendation based on a combination of Algebra grade, MAP assessment and most recent state assessment scores.

Geometry is the study of visual patterns including: points, lines, planes, triangles, reasoning and proof, transformations, measurement formulas, similarity, right triangle trigonometry, and drawing technologies (both hand and computer generated drawing).

**MATH INTERVENTION 1-2 (MAT 100, 101)**

**OPEN TO:** 9, 10, Full Year Course

**PREREQUISITE:** Teacher's signature  
Math State Assessment level 1 or 2  
Concurrently enrolled in Algebra or Geometry

***Does not satisfy NCAA and four year college requirements.***

This course is designed to provide support and strategies to aid students in passing their current math course. It will further provide improved math skills with the intent of attaining a qualifying score on the current state assessment.

**STATISTICS 1 & 2 - ADVANCED PLACEMENT (MAT 416, 417)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** Teacher's recommendation, Recommend an 80% or better in Advanced Algebra & Trigonometry  
Requires teacher permission to stay in course second semester if passing grade not earned first semester.

This course will introduce students to the concepts and tools for collecting, analyzing, and drawing conclusions from data in preparation for the Advanced Placement Statistics test. Topics include: describing patterns and departures from patterns, planning and conducting studies, using probability to anticipate patterns, and testing hypotheses.

# MISCELLANEOUS

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## MISCELLANEOUS COURSE LISTINGS

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**ADMINISTRATIVE OFFICE ASSISTANT (GEN 500, 501)**

***OPEN TO:*** 10, 11, 12                      One Semester or Full Year Course

***PREREQUISITE:*** Above-average grades, good attendance, and customer service skills  
Signature of Secretary, Office Manager or Administrator

This course will provide the student with office experience. Students will learn to deal with the public, staff and students in a professional manner. They will learn proper telephone procedures, including accurate message-taking, utilizing legible handwriting skills. They will also learn the names and location of staff members, distribution of inter-district and U.S. mail, and filing. Students must practice and respect a high degree of confidentiality. Students will sign a contract regarding attendance requirements and office rules and procedures.

**ASB ASSISTANT (GEN 503, 504)**

***OPEN TO:*** 10, 11, 12                      One Semester or Full Year Course

***PREREQUISITE:*** Above-average grades, good attendance, and customer service skills  
Signature of Athletic/Activities Director

Students will learn skills in office management. They will answer the telephone, take messages, deliver messages, type, operate a personal computer, and maintain the events calendar. Some students may be assigned to the school bookkeeper to work on ASB accounts.

**ATTENDANCE OFFICE ASSISTANT (GEN 507, 508)**

***OPEN TO:*** 10, 11, 12                      One Semester or Full Year Course

***PREREQUISITE:*** Above-average grades, good attendance, and customer service skills  
Signature of Attendance Secretary

This course will provide the student with office experience. Students will learn to meet and greet the public, students and staff, both by telephone and in person in a professional manner. Students will learn proper telephone procedures, including accurate message-taking and utilizing legible handwriting skills. They will also learn the room locations of the entire school in order to efficiently deliver messages to students. Other skills include filing, sorting, office etiquette, a high degree of confidentiality and trust, and duties as assigned by the secretaries. Students will sign a contract regarding attendance requirements and office rules and procedures.

**CAREER CENTER ASSISTANT (GEN 509, 510)**

***OPEN TO:*** 10, 11, 12                      One Semester or Full Year Course

***PREREQUISITE:*** Above-average grades, good attendance, and customer service skills  
Signature of Career Center Specialist

Students will gain experience in using computers, files, books, and other resources to help students and staff find current information on careers, colleges, scholarships and financial aid. Position includes typing, filing, answering telephones, taking messages, delivering messages, and community relations. This will provide the student with office experience and public relations skills. Student will sign a contract regarding attendance requirements and Career Center expectations.

**GUIDANCE OFFICE ASSISTANT (GEN 511, 512)**

***OPEN TO:*** 10, 11, 12                      One Semester or Full Year Course

***PREREQUISITE:*** Above-average grades, good attendance, and customer service skills  
Signature of Guidance Secretary

This course will provide the student with office experience. Students will learn to deal with the public, students, and staff in a professional manner. They will be expected to maintain a high level of confidentiality. Students will learn proper telephone etiquette and message taking, as well as the names and locations of staff members. Students will make appointments, deliver messages, file, and other duties as assigned. Students will sign a contract regarding attendance requirements and office rules and procedures. This course is a .5 credit per semester class.

### **LEADERSHIP - INTRODUCTION (GEN 805)**

**OPEN TO:** 9, 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** Above-average grades and attendance.  
Dedication to improving and enhancing school environment.  
Availability for completing projects outside class.

This course is open to all students interested in developing leadership skills and improving life at school and in the community. It will provide students with the knowledge, skills, and experience needed to demonstrate their leadership potential. Students will learn communication, human relations, group process, group dynamics, and organization skills; and will work both on school activities and community service projects.

### **LEADERSHIP – ADVANCED (GEN 806)**

**OPEN TO:** 11, 12,                              One Semester or Full Year Course

**PREREQUISITE:** Introduction to Leadership or ASB/Class officer  
Teacher's signature

The purpose of this course is to provide students with the knowledge, skills and experience needed to further the development of their leadership strengths. Instructional focus will include in-depth work with relationships, communication, facilitation/teaching skills, coaching/process observing, group dynamics and leadership. Students will apply leadership lessons in school and community service projects, and work effectively in a group.

### **LIBRARY/TECHNICIAN ASSISTANT (GEN 513, 514)**

**OPEN TO:** 9, 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** Above-average grades, good attendance, and customer service skills  
Signature of Librarian

Students will learn the computerized library circulation system to check in and check out materials and how to research the online library databases. Students will also shelve books and magazines, assist at circulation desk, process magazines and newspapers, pick up and deliver AV equipment, and assist other students in locating resources and doing assignments. Students must be able to sequence dates, and alphabetize and will learn proper customer services procedures to work with staff and students.

### **NURSE'S AIDE (GEN 515, 516)**

**OPEN TO:** 10, 11, 12                              One Semester or Full Year Course

**PREREQUISITE:** C average grades and good attendance  
Signature of Nurse or Health Tech

Students will learn to deal with students and staff in a professional manner. They will be expected to maintain a high level of confidentiality. Students will learn proper telephone etiquette and message taking. Students will deliver passes, make ice packs, assist in maintaining cleanliness, and other various health room activities. Students will sign a contract regarding attendance requirements and office rules and procedures.

### **ORIENTATION (GEN 101)**

**OPEN TO:** 9    One Semester Course

**PREREQUISITE:** This is a required class for 9<sup>th</sup> graders

This course lays the foundation for developing the Senior Portfolio, the culminating project required for graduation. Students will complete the required assignments along with beginning to develop their Personalized Educational Plan which includes a four year course of study and plans for post high school training. Career aptitude and interest assessment will provide each student with information to assist them in selecting an appropriate pathway of study while attending High School. The class provides each freshman with a systematic introduction to the school staff, programs and environment in the course of the completion of projects and assignments. Technology will be used throughout the course of the semester and students will strive to develop skills to perform successfully and in a responsible manner as individuals and as members of a team. This class also affords the opportunity to learn about habits people need to acquire to be successful students, family & community members and employees.



**PEER TUTOR (GEN 606, 607)**

**OPEN TO:** 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** Completion of Peer Tutor Form with Teacher, Administrator and Counselor Signature

Students will assist the instructor in the classroom. Students will be responsible for instructing small groups in academic, social and/or vocational activities.

For Structured Learning Classrooms: Students will increase their knowledge of the causes and characteristics of various disabilities, as well as the challenges and issues facing people with these disabilities. They will also develop a variety of strategies and techniques for working with people with disabilities in a variety of settings.

**REGISTRATION OFFICE ASSISTANT (GEN 517, 518)**

**OPEN TO:** 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** C average grades and good attendance  
Signature of Registrar

This course will provide the student with office experience. Students will learn to deal with the public in a professional manner. Students will learn proper telephone procedures including message taking. They will be required to file, deliver messages, know the layout of the building, and maintain a high level of confidentiality. Students will sign a contract regarding attendance requirements and office rules and procedures.

**SERVICE LEARNING (GEN 808, 809)**

**OPEN TO:** 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** Teacher's signature

Service Learning is an opportunity to apply academic knowledge learned at school in a community setting. This course provides the chance to contribute to the well being of one's self and others through class activities and participation in community service projects. Grading in the course is based on completion of volunteer hours, the student's volunteer evaluation, and performance in class projects.

**STUDY SKILLS (GEN 300, 301)**

**OPEN TO:** 9, 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** None

This course provides students with an opportunity to improve study habits and academic success. Students will be guided towards improving their organizational and study skills. Students will be given an opportunity to work on assignments from their mainstream classes with individual/group assistance. The main course objectives are to provide an environment conducive to successful task completion, and to develop a positive work ethic. Students are required to bring homework, projects, assigned reading, make-up work, and other relevant study materials from their other classes to work on during study skills time. Study skills teachers work in tandem with the teachers of students and students themselves in an attempt to maximize overall success. Time management, organization, and academic self-esteem are stressed. Good attendance is mandatory for success in this class. **PLEASE NOTE: This is NOT a Study Hall.**

**TEACHER ASSISTANT (GEN 600, 601)**

**OPEN TO:** 10, 11, 12                      One Semester or Full Year Course

**PREREQUISITE:** Teacher's signature

**NOTE:** Only .25 credit can be earned per semester

Students will provide any assistance required by the high school staff to which they are assigned. Attendance is an integral part of the grade.



# **PHYSICAL EDUCATION & HEALTH**

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## PHYSICAL EDUCATION & HEALTH – COURSE LISTINGS

<u>Class</u>	<u>Course Number</u>	<u>Page(s)</u>
Aerobic Walking/FitnessGram .....	PHY 203, 204.....	155
Aerobics .....	PHY 205, 206.....	155
Basketball.....	PHY 207, 208.....	155
Basketball – Advanced .....	PHY 301, 302.....	155
Conditioning .....	PHY 211.....	155
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Hockey/Soccer .....	PHY 217, 218.....	156
Human Survival .....	HLT 502.....	156
Outdoor Recreation.....	PHY 240.....	156
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Physical Education- Team Sports .....	PHY 200, 201.....	157
Racquet Sports/Bat Sports .....	PHY 219, 220.....	157
Swim Conditioning.....	PHY 245.....	157
Volleyball.....	PHY 223, 224.....	157
Volleyball – Advanced .....	PHY 303, 304.....	157
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Weight Training.....	PHY 229, 230.....	158
Weight Training – Advanced.....	PHY 305, 306.....	158

### ADDITIONAL COURSES FOR PE CREDIT\*

Preventive Medicine .....	CTE 304.....	111
JROTC (See description for details) .....	CTE 521-524.....	110

### ADDITIONAL COURSES FOR HEALTH CREDIT\*

Human Anatomy & Physiology.....	CTE 305, 306.....	108
Nutrition & Wellness .....	CTE 250.....	128
Preventive Medicine .....	CTE 304.....	111
Sports Medicine .....	CTE 307, 308.....	112

Uniforms are required for physical education courses. Information about PE uniforms is available from the teachers at each individual high school.

**AEROBIC WALKING/FITNESSGRAM (PHY 203, 204)**

***OPEN TO:*** 10, 11, 12                      One Semester Course

***PREREQUISITE:*** None

Aerobic fitness will include an extensive walking program, emphasizing cardiovascular endurance. Students will participate in group training as part of FitnessGram. Students will improve cardiovascular fitness, increase strength, endurance, and flexibility.

**AEROBICS (PHY 205, 206)**

***OPEN TO:*** 10, 11, 12                      One Semester Course.

***PREREQUISITE:*** Must have taken either Introduction to PE or Co-Ed PE

Aerobic fitness will include weights, body toning, strengthening, and cardio-flex. Students will participate in group-training activities combining step, low-high aerobics, jogging/walking, light weights, resist-a-ball, and body conditioning. Students will improve cardiovascular fitness, increase strength, endurance, and flexibility. Students will also be given instruction on training and working heart rate, how to monitor heart rate, and improve overall fitness. There will be an emphasis on self-motivation.

**BASKETBALL (PHY207, 208)**

***OPEN TO:*** 10, 11, 12                      One Semester Course.

***PREREQUISITE:*** Must have taken either Introduction to PE or Co-Ed PE

Students will practice and improve basic fundamental skills of passing, dribbling, shooting, defense and rebounding. This course also covers basic team concepts of defense and offense.

**BASKETBALL – ADVANCED (PHY 301, 302)**

***OPEN TO:*** 10, 11, 12                      One Semester Course

***PREREQUISITE:*** Teacher's permission

Students will practice and improve intermediate to advanced skills of passing, dribbling, shooting, defense and rebounding. Students will learn several types of offensive and defensive strategies to be used in team play.

**CONDITIONING (PHY 211)**

***OPEN TO:*** 9, 10, 11, 12                      One Semester Course.

***PREREQUISITE:*** None.

This class will be state aligned to the CBAs. Students will be involved in LOW IMPACT varieties of activities that will set them up for life long active living. Activities will be centered on keeping target heart rate in range for a minimum of 20 minutes. These activities include walking, light weight training, aerobics, circuit training, etc. There will be classroom based projects involving nutrition updates required as well. A great class for those who want an entry level approach to their health and fitness!

**FIELD SPORTS (PHY 213, 214)**

**OPEN TO:** 10, 11, 12                      One Semester Course  
**PREREQUISITE:** Must have taken either Introduction to PE or Co-Ed PE

Students will be taught knowledge of rules and skills in the following field sports; soccer, hockey, football, softball. Emphasis will be on strategies and teamwork.

**GOLF (PHY 215, 216)**

**OPEN TO:** 10, 11, 12                      One Semester Course  
**PREREQUISITE:** None

This course provides students the opportunity to learn about the game of golf and condition the body for golf. Students will be required to work on core body strength, flexibility and cardiovascular endurance, along with learning how to play the game of golf and all its components. Topics include: History of Golf, Golf Equipment, Club Making, Golf Fitness, Golf Swing, Shot Selection, Short Game, Rules of Golf, Handicapping, Golf Course Management, Golf Psychology, Golf Etiquette, and Careers in Golf. Individual student material costs may be applicable to this course

**HEALTH (HLT 100 or CTE 303)**

**OPEN TO:** 9                                      One Semester Course  
**PREREQUISITE:** None

The focus of Health 9 is to study the areas of mental/emotional health, nutrition, drug abuse/addiction, reproductive health, sexually-transmitted diseases (including HIV & AIDS) and communicable diseases. Students will also earn CPR Certification and learn how to access local and community resources. Students will complete state-required classroom-based assessment.

**HOCKEY/SOCCER (PHY 217, 218)**

**OPEN TO:** 10, 11, 12                      One Semester Course  
**PREREQUISITE:** None

Students will be taught knowledge of rules and skills in soccer and floor hockey. Each student is expected to improve their skill level, participation, and cooperation with others in the class. Understanding and implementing strategy will also be stressed in soccer and floor hockey.

**HUMAN SURVIVAL (HLT 502)**

**OPEN TO:** 10, 11, 12                      One Semester Course  
**PREREQUISITE:** None  
**CROSS CREDIT:** Health

This course provides students with health/wellness knowledge and skills for lifetime success. Five main areas of study include; personal health/safety, drug abuse/addiction, emotional health, sexual health, including HIV and AIDS awareness, nutrition/fitness, and environmental health issues. In addition, students will learn how to access health information, advocate for various causes, develop self-management, decision-making, and problem-solving skills.

**OUTDOOR RECREATION (PHY 240)**

**OPEN TO:** 9, 10, 11, 12                      One Semester Course  
**PREREQUISITE:** None

Students interested in exploring the vast opportunities the outdoors has to offer will learn how to skillfully and safely approach these adventures. Land-based activities only, may include but not limited to: hiking, backpacking, camping, rock climbing, leave no trace, wilderness first aid, snowshoeing, environmental etiquette, etc.

**PHYSICAL EDUCATION – INTRO (PHY 101)*****OPEN TO:*** 9 One Semester Course***PREREQUISITE:*** None

Students will be introduced to a variety of team and individual activities framed within three 6-week units. Fitness and fitness activities will be part of all three units incorporated into the units, based on appropriateness, facilities, and weather conditions. Activities may include badminton, basketball, flag football, field sports, soccer, softball, tennis, volleyball, aerobics, conditioning, jogging and pickleball.

**PHYSICAL EDUCATION: TEAM SPORTS (PHY200, 201)*****OPEN TO:*** 10, 11, 12 One Semester Course***PREREQUISITE:*** None

Must take this class or Introduction to PE prior to taking any other PE course

Students will be given instruction in a variety of team and individual sports activities. Racquet sports: Students will be taught the grip, ready position, footwork, double games, team play etiquette and scoring for; badminton, tennis, and pickleball. Skills and written test will be given. Team Sports: Students will learn rules and strategies of basketball, volleyball, flag football, and softball. Conditioning: Some emphasis will be placed on conditioning the cardiovascular system and also the use of weight training in relation to total body conditioning.

**RACQUET SPORTS/BAT SPORTS (PHY 219, 220)*****OPEN TO:*** 10, 11, 12 One Semester Course***PREREQUISITE:*** Must have taken either Introduction to PE or Co-Ed PE to be eligible for this class

This class is designed to include tennis, badminton, pickleball, and possibly softball/baseball and racquet ball. Individual skills and team concepts will be developed.

**SWIM CONDITIONING (PHY 245)*****OPEN TO:*** 9, 10, 11, 12 One Semester Course

Students will use the four basic swim strokes to condition and maintain fitness. Focus will be on stroke development, speed, endurance, and skills necessary for recreational swimming. Class will also condition via “dry-land” training workouts throughout the week, and take part in the department-wide fitness testing. This course will teach swimming techniques developmentally appropriate for students with basic water skills, and help them to develop their strength and endurance. Basic through advanced swimmers will be challenges at their current levels and will develop further skills and fitness levels.

**VOLLEYBALL (PHY 223, 224)*****OPEN TO:*** 10, 11, 12 One Semester Course***PREREQUISITE:*** None

In this class, volleyball skills, techniques, and strategies will be learned and improved upon. Students will be expected to suit up and participate daily and will be assessed in both skills and written tests.

**VOLLEYBALL – ADVANCED (PHY 303, 304)*****OPEN TO:*** 10, 11, 12 One Semester Course***PREREQUISITE:*** Teacher’s permission

Basic skills will be practiced and improved upon. In addition, several different types of strategies involving offense and defense will be introduced and used in team play (5-1, 6-2 offense, 6-up and 6-back defense, one’s, shoots, back row attacks, blocking schemes).

**WATER SPORTS (PHY 227, 228)*****OPEN TO:*** 10, 11, 12 One Semester Course***PREREQUISITE:*** None

Students will learn a variety of water games and activities. Swimming stroke development and instruction on diving will also be part of water sports.

**WEIGHT TRAINING (PHY 229, 230)**

***OPEN TO:*** 10, 11, 12                      One Semester Course

***PREREQUISITE:*** Must have taken either Introduction to PE or Co-Ed PE to be eligible for this class

Students will be taught to use proper lifting and safety techniques during all lifting, stretching activities and agilities. Students will increase their strength and understanding of training techniques while working all major and minor muscle groups three times per week and engaging in various forms of aerobic and flexibility activities twice a week.

**WEIGHT TRAINING – ADVANCED (PHY305, 306)**

***OPEN TO:*** 10, 11, 12                      One Semester Course

***PREREQUISITE:*** Teacher's permission

Students will be taught to use proper lifting and safety techniques during all lifting and related activities. Students will increase their strength while working individualized routines and recording all lifting activities. Students are expected to be self-motivated as they work all major and minor muscle groups each week. Major strength gains are expected. Aerobic and flexibility activities will complete this total body development unit.



# SCIENCE

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## SCIENCE – COURSE LISTINGS

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\*Satisfies lab science requirement for graduation only.

\*\*Satisfies lab science requirement for 4-year public college admission and high school graduation.

\$ -- Individual student material costs may be applicable to this course

### ADDITIONAL COURSES FOR SCIENCE CREDIT

*These courses count for Non-Lab Science credit for graduation and may count for 4-year college entrance, but MAY NOT count for NCAA (unless otherwise noted below \*\*)*

Automotive Technology DC .....	CTE 425, 426, 427, 428.....	101
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Computer Science – A.P.....	MAT 420, 421.....	145
Culinary Arts DC.....	CTE 331, 332, 333, 334, 335, 336.....	103
Electronics 1-2 TP \$.....	CTE 381, 382.....	106
Electronics 3-4 DC \$.....	CTE 383, 384.....	106
Food Science & Nutrition* .....	CTE 231, 232.....	139
Horticulture \$.....	CTE 001, 002, 003, 004, 005, 006, 007, 008.....	107
Human Anatomy & Physiology.....	CTE 305, 306.....	108
Natural Resources .....	CTE 020, 021, 022, 023.....	110
Power, Energy, & Transportation \$.....	CTE 450, 451.....	111
Sports Medicine .....	CTE 307, 308.....	112
Sports Medicine – Advanced.....	CTE 311, 312.....	112

\*Satisfies lab science requirement for graduation only.

\*\*Satisfies lab science requirement for 4-year public college admission and high school graduation.

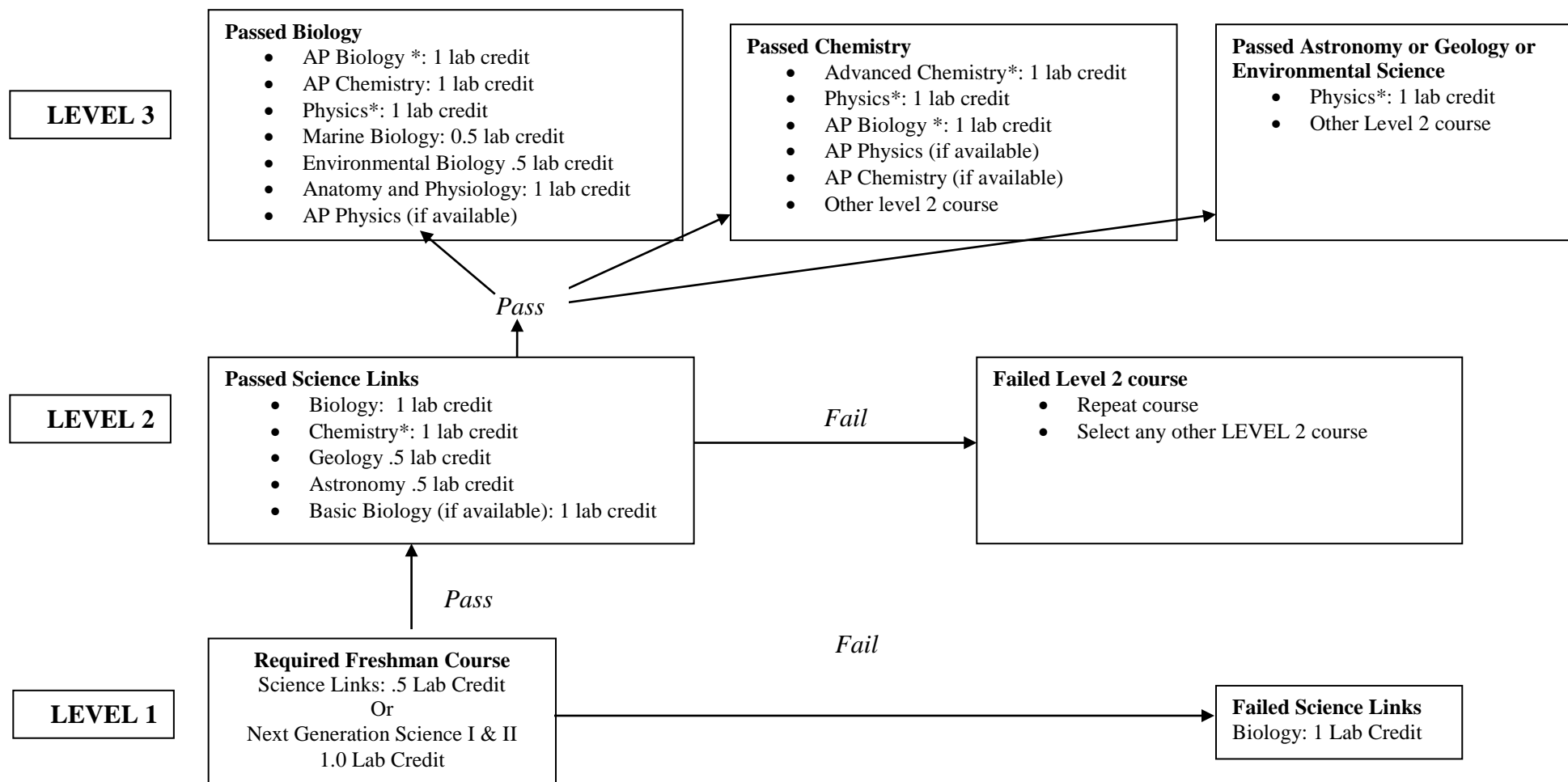
DC – Dual Credit (formerly Tech Prep) for college may be available for this course.

\$ -- Individual student material costs may be applicable to this course.

# Sample Science Curriculum Flow Chart

Graduation Requirements: 2 credits-1 credit must be a lab science.

See course descriptions for individual class pre-requisites. \*Denotes that class has specific prerequisites



**ASTRONOMY (Lab Science) (SCI 505)****OPEN TO:** 10, 11, 12 One Semester Course**PREREQUISITE:** One semester of lab science

Astronomy is the study of objects and matter outside the earth's atmosphere and of their physical and chemical properties. In this course students investigate the universe—from our home planet out to the most distant objects yet detected. The processes of collecting data, making predictions, and testing ideas are emphasized. Night observations, homework, and laboratories are included in the course.

**BIOLOGY – BASIC 1-2 (SCI 200, 201)****OPEN TO:** 10, 11, 12 Full Year Course**PREREQUISITE:** Permission from basic biology teacher, science department head, or special education teacher  
*May not satisfy four-year college entrance or NCAA requirements.*

Basic Biology students will investigate the structure, functions, and interactions of living things. Using a hands-on approach, students will explore the topics of—cell biology, energy and living things, study of populations and ecological systems, genetics, and animal classification. Students are expected to work in the science laboratory using mature and safe behavior. Washington State Biology End-of-Course exam is associated with this course and is a graduation requirement. This course is designed for students who have identified reading problems or moderate learning difficulties.

**BIOLOGY 1-2 (Lab Science) (SCI 202, 203)****OPEN TO:** 9\*, 10\*\*, 11, 12 Full Year Course\*\*Course recommended for 10<sup>th</sup> grade students**PREREQUISITE:** \*‘‘A’’ grade in 8<sup>th</sup> grade science and teacher recommendation is required to sign up for Biology as a 9<sup>th</sup> grader or taking Science Links concurrently

Biology students will investigate the structure, functions, and interactions of living things. Students are expected to work in the science laboratory using mature and safe behavior. They will follow directions, express themselves in writing, do mathematical calculations, and keep a notebook of course work. Regular homework is required. Regular attendance is necessary since many labs involve living organisms or extensive setups. Washington State Biology End-of-Course exam is associated with this course and is a graduation requirement.

**BIOLOGY -- ADVANCED PLACEMENT 1-2 (Lab Science) (SCI 204, 205)****OPEN TO:** 10, 11, 12 Full Year Course**PREREQUISITE:** Biology, Chemistry or Teacher’s signature

The course will emphasize the biological fundamentals covered in a first-year college biology program, as well as appropriate laboratory techniques and investigative methods. Upon completion of this course, students may elect to take the advanced placement examination in biology. This is an advanced course for students with a high interest in science and especially biology. Students must have a superior aptitude for science, be capable of independent work, and have above average reading and writing skills. Students may be expected to come to class outside of regular class hours, before school or during lunch.

**CHEMISTRY 1-2 (Lab Science) (SCI 300, 301)****OPEN TO:** 10, 11, 12 Full Year Course**PREREQUISITE:** Science Links or Biology; Requires having passed Algebra 1, 2  
10<sup>th</sup> graders need a 9<sup>th</sup> grade science teacher’s signature  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This course is intended for students who wish to learn chemical principles and gain laboratory experience. Students study modern theories of atomic structure, learn to use chemical symbols and equations, learn about chemical reactions, and do chemical calculations. Applications of chemistry to everyday life are emphasized. Students will be expected to work with a partner in the laboratory using mature and safe behavior. They must follow directions, express themselves in writing, do mathematical calculations using a calculator, and keep a written notebook of all laboratory reports. Regular homework will be required.

**CHEMISTRY – ADVANCED 3-4 (Lab Science) (SCI 302, 303)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** B in Chemistry or teacher's signature  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This course utilizes and expands the basic knowledge learned in the first year chemistry course. Chemical kinetics, equilibria as well as various areas of chemistry will be explored. Focus is on thinking skills and independent learning through laboratory experience involving original design and analysis. This is an advanced course for science majors. Students must have an aptitude for science, be capable of independent work, and have above average reading and writing skills.

**CHEMISTRY – ADVANCED PLACEMENT (Lab Science) (SCI 304, 305)**

**OPEN TO:** 10, 11, 12 Full Year Course

**PREREQUISITE:** Grade of "B" or better in first year Chemistry or teacher permission

This course utilizes and expands the basic knowledge learned in the first year chemistry course. Chemical kinetics, equilibria as well as various areas of chemistry will be explored. Focus is on thinking skills and independent learning through laboratory experience involving original design and analysis. Students must have an aptitude for science, be capable of independent work, and have above average reading and writing skills. Upon completion of this course, students may elect to take the Chemistry Advanced Placement examination.

**ENVIRONMENTAL BIOLOGY (Lab Science) (SCI 503)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** Science Links

How do humans interact with the environment? Students will use the scientific method to investigate human impacts on the ecology of air, land, and water environments. Some topics include pollution, waste management, population, resource depletion, and endangered species. Students will use thinking and decision-making skills to analyze issues concerning the environment. Numerous labs, including inquiry and self-designed labs, are core to the class. Field experiences and guest speakers are also part of the class.

**ENVIRONMENTAL SCIENCE A.P. (Lab Science) (SCI 208, 209)**

**OPEN TO:** 10, 11, 12 Year Long Course

**PREREQUISITE:**

Explore and investigate the interrelationships of the natural world, identify and analyze environmental problems, both natural and human-made, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving and/or preventing them. Participate in hands-on, laboratory and field investigations to apply scientific principles, concepts and methodologies in order to better understand our natural systems and to critically think about environmental issues and potential solutions.

**GEOLOGY (Lab Science) (SCI 504)**

**OPEN TO:** 10, 11, 12 One Semester Course

**PREREQUISITE:** Science Links

Geology is the science that deals with the history of the earth and its life especially as recorded in rocks. The surface of the Earth is alive and moving. At the surface and buried deep in the crust, evidence of the Earth's past is all around us. Learn how to identify types of rocks, soils, and processes that will tell you what has happened in the past to what is going on at the present. The rocks tell of the geologic time periods and the phenomena that have shaped the Earth. Field experiences, labs, and homework will be included in the course.

**MARINE BIOLOGY (Lab Science) (SCI 502)**

**OPEN TO:** 10, 11, 12 One Semester Course

**PREREQUISITE:** Science Links and Biology

From seaweeds to seals, kelp to killer whales, and plankton to porpoises, this class is about life in the ocean. Students will investigate the adaptations and interactions of marine organisms. Labs, activities, independent projects, and field experience will be a part of the course. Dissections are a part of this class. Students are expected to work cooperatively within a group in the science laboratory using mature and safe behavior. Class attendance and participation are required to succeed in this course. Regular homework is required.

**Next Generation Science 1-2 (Lab Science) (SCI 111, SCI 112)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** None

This is an accelerated integrated high school laboratory science course aligned with the Next Generation Science Standards in physical, space, and earth sciences using inquiry methods, engineering designs, mathematical representation of phenomena and cross-cutting concepts. Students will have opportunities for structured and open-ended inquiry and designing solutions to problems. The key content includes the structure and property of matter, structure of atoms, atomic structure and forces, the properties of stars, electricity and magnetism, force and motion and Earth systems.

**PHYSICS 1-2 (Lab Science) (SCI 400, 401)**

**OPEN TO:** 11, 12 Full Year Course

**CROSS CREDIT:** Math

**PREREQUISITE:** Adv Algebra 3&4, Trigonometry

One year of lab science, preferably Chemistry

Pre-Calculus or other advanced math is recommended

Require passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

Topics studied in this course include principles of measurement and problem solving, kinematics, dynamics, waves and optics, fundamentals of electricity and magnetism, velocity, acceleration, forces, gravitation, momentum and machines. Additional topics may be explored. Students who take this course need good skills in reading, writing, and mathematics. Regular homework and project work are expected. Written laboratory reports are required for experiments. Future science majors, engineers, technicians, mathematicians, medical careerists, and educators will find this course very helpful.

**PHYSICS 1– ADVANCED PLACEMENT (Lab Science) (SCI 520, 521)**

**OPEN TO:** 11, 12 Full Year Course

**CROSS CREDIT:** Math

**PREREQUISITE:** Successful completion of Science Links and completion of Advanced Algebra/Trigonometry with a “B” or higher or permission of the course or previous science teacher

This course provides a systematic introduction to the main principles of physics (Newtonian Mechanics (35%), Fluid Mechanics and Thermal Physics (15%), Electricity and Magnetism (25%), Waves and Optics (15%), Atomic and Nuclear Physics (10%)) and emphasizes the development of conceptual understanding and problem-solving ability using algebra and trigonometry. This is an advanced course that moves at a fast pace and has many labs that may require the use of zero hour to complete. Students must have an aptitude for science, be capable of independent work, and have above-average reading and writing skills. Upon completion of this course, students may elect to take the Physics Advanced Placement examination.

**SCIENCE LINKS (Lab Science) (SCI 101)**

**OPEN TO:** 9 One Semester Course

**PREREQUISITE:** None

**This course does not meet NCAA eligibility requirements.**

Science links is a study of broad topics in the fundamental sciences. Concepts in energy, physics, earth/space science, geology, chemistry, and/or climatology may be covered by using a variety of methods. The primary method is through inquiry, hands-on investigations where students will develop a sense of the scientific method and what it takes to make sensible predictions based upon deductive reasoning. Students are expected to keep a lab book and learn the format to report laboratory findings. Calculations will be used to reinforce concepts and make predictions. This course will help prepare everyone for future science courses. Homework and laboratories will be included in the course.

# **SOCIAL STUDIES**

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## SOCIAL STUDIES COURSE LISTINGS

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Global Issues	SOC 400	167
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Psychology 1 & 2**	SOC 500, 501	168
Psychology—Advanced Placement**	SOC 502, 503	168
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United States Politics & Gov't--Adv. Placement**	SOC 401, 402	169
Washington State History**	SOC 508	169
World Geography	SOC 150	169
World Studies**	SOC 101	169

Contemporary World History	U.S. History	Civics*/Elective
<ul style="list-style-type: none"> <li>• World Studies</li> <li>• Global Issues</li> <li>• A.P. European History</li> <li>• World Geography</li> <li>• A.P. Human Geography</li> <li>• A.P. Comparative Government</li> </ul>	<ul style="list-style-type: none"> <li>• A.P. U.S. History</li> <li>• U.S. History</li> </ul>	<ul style="list-style-type: none"> <li>• A.P. U.S. Politics &amp; Government</li> <li>• Psychology 1 / 2</li> <li>• Civics</li> <li>• A.P. Psychology</li> <li>• Sociology</li> <li>• Economics</li> <li>• Washington State History (if taken in high school)</li> </ul>

## ADDITIONAL SOCIAL STUDIES ELECTIVE COURSE OFFERINGS

Economics—Advanced Placement**	CTE 190, 191	122
JROTC (See description for details)	CTE 521, 522, 523, 524	110
Theatre History	LAN 118	136

\*Satisfies elective social studies requirement for high school graduation only

\*\*Satisfies elective social studies requirement for 4-year public college admissions and high school graduation.



**CIVICS (SOC 300)*****OPEN TO:*** 11, 12

One Semester Course

***PREREQUISITE:*** None

This course will examine the purpose and functions of federal, state, and local government as well as civic ideals and practices. Emphasis will be on the study of government and the community through service and participation. Civic discourse, citizen responsibility, involvement, and knowledge of current governmental issues will be featured.

**COMPARATIVE GOVERNMENT ADVANCED PLACEMENT (SOC 410)*****OPEN TO:*** 12

Year Long Course

***PREREQUISITE:***

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes.

**ECONOMICS (SOC 506)*****OPEN TO:*** 11, 12

One Semester Course

***PREREQUISITE:*** None

This course will examine the fundamental economic theories and principles that shape modern American society. In addition to an overview of classical economic theory, microeconomic and macroeconomic principles, students will be engaged in discovery projects that investigate the application of economic thinking in solving social and political problems. Students will study supply, demand, price, elasticity, inflation, money supply, GNP, budgets, international trade, energy economics, and global economics. Students will also explore consumer issues of credit, insurance, investing, contracts, and renting.

**EUROPEAN HISTORY – ADVANCED PLACEMENT (SOC 204, 205)*****OPEN TO:*** 10

Full Year Course

***PREREQUISITE:*** Teacher's signature***CROSS CREDIT:*** Global Issues

Advanced Placement European History is a college-level comprehensive survey of European history from the Renaissance to the present day. It is designed to provide students with the analytical skills and factual knowledge needed to deal critically with issues and events in European history. This course prepares students for intermediate level college courses by making demands upon them equivalent to those of full-year introductory college courses. It also prepares students for the national Advanced Placement European History exam offered in May. Students who successfully complete the AP European History exam can earn college credit. This course satisfies the Global Issues requirement.

**GLOBAL ISSUES (SOC 400)*****OPEN TO:*** 10, 12

One Semester Course

***PREREQUISITE:*** None

This course provides an in-depth survey of United States foreign policy, the function of the United Nations and its role in the world, economics and international trade in a global economy, and environmental issues as they relate to an interdependent world.

**HUMAN GEOGRAPHY ADVANCED PLACEMENT (SOC 190, 191)*****OPEN TO:*** 9

Year Long Course

***PREREQUISITE:*** None

Advanced Placement Human Geography is a year long course designed to meet or exceed the experience of an introductory one-semester college Human Geography course. The purpose of the course is to utilize geographic processes to systematically study and comprehend spatial patterns that are evident in the world in which we live.

**PSYCHOLOGY 1-2 (SOC 500, 501)*****OPEN TO:*** 11, 12 One Semester or Full Year Course***PREREQUISITE:*** First semester is not a prerequisite for second semester

As an introductory psychology course, this class covers a wide range of topics. First semester explores physiology and behavior, learning, sensation, perception, emotions, motivations, and developmental psychology. Semester two explores personality, interaction, abnormal psychology, and several aspects of social psychology.

**PSYCHOLOGY – ADVANCED PLACEMENT (SOC 502, 503)*****OPEN TO:*** 11, 12 Full Year Course***PREREQUISITE:*** Teacher permission

The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. The course is college-level and requires intensive outside reading, writing, and homework assignments. At the culmination of the course work, students may elect to take the AP test in May. A passing score on the test will be accepted by many colleges for college credit in introductory psychology.

**SOCIOLOGY 1, 2 (SOC 504, 505)*****OPEN TO:*** 11, 12 One Semester or Full-Year Course***PREREQUISITE:*** None

Professions today require us to work with and/or for our fellow human beings. For this reason, Sociology is the course for you. In this introduction to sociology, you will be exposed to a variety of topics and learn about the effects of society and culture on human behavior. Sociology is a field of study that explains social and cultural phenomena in terms of social structures, social forces, and group relations. This course focuses on several important sociological topics, including socialization, culture, social construction, inequality, race, stratification, family, and sports.

**UNITED STATES HISTORY – BASIC (SOC 200, 201)*****OPEN TO:*** 10, 11, 12 Full Year Course***PREREQUISITE:*** Permission of instructor and counselor recommendation

Students will examine basic features of United States history during the period of 1877 to present. The catalyst for studying this time in United States history will be the themes of change, national identity, power, authority and governance and global connections. The course will include, but not be limited to, the following: industrialization, immigration reform, WWI, the twenties, depression and New Deal, WWII, civil rights, the Vietnam War and contemporary times. Students will develop and refine basic social studies skills within this course.

**UNITED STATES HISTORY 1-2 (SOC 202, 203)*****OPEN TO:*** 10, 11, 12 Full Year Course***PREREQUISITE:*** None

Students will examine basic features of United States history during the period of 1877 to the present. The course will include, but not be limited to the following: industrialization, immigration, reform, W.W.I, the twenties, depression and the New Deal, W.W.II, civil rights, the Vietnam War, and contemporary times. Within this survey course, considerable attention will be given to formation and development of geography competency skills, analyzing primary & secondary sources, bias detection, essay writing and presentation skills.

### **UNITED STATES HISTORY 1-2 – ADVANCED PLACEMENT (SOC 301, 302)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** Teacher's or Counselor's signature

In this AP US History class, students will study a comprehensive survey of United States history from pre-colonial through the twentieth century. The course is designed to provide students with the analytical skills and factual knowledge to deal critically with issues in United States history. This course prepares students for intermediate level college courses by making demands upon them equivalent to those of full-year introductory college courses, and therefore requires good study habits, intensive reading, and above-average writing skills. This course prepares students for the national Advanced Placement United States History exam offered in May. Students who successfully complete the AP United States History exam can qualify for college credit, advanced placement in their college freshman year, or both.

### **UNITED STATES POLITICS & GOVERNMENT ADVANCE PLACEMENT (SOC 401, 402)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** U.S. History  
Teacher's signature

This AP course will give students an analytical perspective on government and politics in the United States. The course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. State or local government will not be included in this course, only the federal system. Topics include: Constitutional Underpinnings of United States Government, Political Beliefs and Behaviors; Political Parties; Institutions of National Government; Public Policy; and Civil Rights. The College Board establishes the basic curriculum for this class, with the intent of preparing students to pass the national exam; and it is an expectation of the course that students participate in AP testing in the spring. A successful score on that exam may enable students to acquire college credit.

### **WASHINGTON STATE HISTORY (SOC 508)**

**OPEN TO:** 9, 10, 11, 12 One Semester Course

**PREREQUISITE:** Didn't meet the requirement in middle school

All students graduating from a high school in Washington State must complete a course in Washington State History. Most students in the Auburn School District have completed this requirement in middle school. If you have not done so, this course will satisfy this graduation requirement. Students taking this course will learn a basic understanding of geography, history, and government of Washington State.

### **WORLD GEOGRAPHY (SOC 150)**

**OPEN TO:** 10, 11, 12 One Semester Course

**PREREQUISITE:** None

This course is a study of people, places, and environment from a physical and cultural perspective. Through a variety of classroom activities, students will gain an appreciation and understanding of the interdependent world in which they live. Students will analyze and evaluate the connection between their local and global communities. The course will emphasize the practical and responsible application of geography to life situations. After mastering the competencies in this course, students will have knowledge of the various regions and cultures and be able to interpret maps, analyze cultures and assess geographical information from a multicultural perspective.

### **WORLD STUDIES (SOC 101)**

**OPEN TO:** 9 One Semester Course

**PREREQUISITE:** None

Students will begin a thematic examination of world history and world geography that will highlight Africa, the Americas, Asia, Europe, and the Middle East. Throughout this course, students will use religion, contributions, and government as overriding themes for the basis of comparison within each geographic area. Students will develop and refine foundational social studies skills such as map reading and interpretation, outlining, note taking, evaluation of sources, and presentation skills.



# **SPECIAL SERVICES**

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## **SPECIAL SERVICES – COURSE LISTINGS**

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**COMMUNITY LAB (SPE 600, 601)*****OPEN TO:*** 11, 12 (or 16+ years old)

One Semester or Full Year Course

***3 Hour Block Course AM (AHS & WAHS only) & PM or 7<sup>th</sup> Period (AHS, ARHS, AMHS, WAHS)******PREREQUISITE:*** Special Services qualified – IEP; Application; Teacher References; Interviews by CL Team and Employer; CL Teacher Signature Required; Overall Attendance = 85% or better; GPA = C average or better; Student must have work readiness skills and be behaviorally and emotionally equipped to work appropriately in a community job setting

Community Lab is a program that provides hands-on work experience by utilizing the resources of the Auburn business community. This program provides the opportunity for students to sample different entry level jobs at various community sites, 5 days a week. Students will switch to a different position at the semester. These voluntary positions are unpaid but students will receive 1.5 elective credits per semester for hours worked. Transportation to/from the worksites will be provided for unpaid positions for AM (AHS & WAHS only) or PM (AHS, ARHS, AMHS, WAHS) blocks. Students who have obtained a paid position on their own may also earn elective credit during 7th period: 90 work hours = 1/2 credit; 180 work hours = 1 credit; and 270 work hours = 1.5 credits (semester maximum). All students (paid and unpaid) are expected to: turn in all required documentation; maintain a "C" average or better, and maintain at least 85% attendance in their classes. If these requirements are not met, the student will not receive full credit for their work experience. The class is graded pass or no credit.

**SPECIAL SERVICES LANGUAGE ARTS 1, 2, 3, 4, 5 (SPE 201, 202, 203, 204, 205, 206, 207, 208, 209, 210)*****OPEN TO:*** 9, 10, 11, 12 Full Year Course***PREREQUISITE:*** Special Services Eligible in subject area—IEP  
For Reading or Written Language

Students should have a desire and willingness to work towards improving their reading, writing, and oral communication skills. Good attendance is necessary to pass the course. Students will work in small groups or individually while receiving specially designed instruction based on individual IEP goals as well as access to instruction based on grade level standards.

**SPECIAL SERVICES MATHEMATICS 1, 2, 3, 4 (SPE 301, 302, 303, 304, 305, 306, 307, 308)*****OPEN TO:*** 9, 10, 11, 12 Full Year Course***PREREQUISITE:*** Special Services Eligible in subject area—IEP

Students are provided an opportunity to increase basic mathematics skills to a usable performance level. Consumer, business, and computerized program options are available. Students work cooperatively and individually while receiving specially designed instruction based on individual IEP goals as well as access to instruction based on grade level standards. Grades are based on daily performance in the classroom.

**SPECIAL SERVICES MATH INTERVENTION (SPE 250, 251)*****OPEN TO:*** 9, 10, 11, 12 One Semester or Full Year Course***PREREQUISITE:*** Special Services Eligible in subject area—IEP

The course is designed to SUPPLEMENT STUDENTS WHO ARE SERVICED IN Math, but who are placed into Algebra based upon their ability. The skills taught in the general education class will be strengthened through individualized instruction. Assessment support will be offered and instructor will work closely with general education teachers to align with their instruction.

**SPECIAL SERVICES PRE-ALGEBRA (SPE 320, 321)*****OPEN TO:*** 9, 10, 11, 12 One Semester or Full Year Course***PREREQUISITE:*** Special Services Eligible in subject area—IEP

The course is designed to prepare students for General Algebra. Skills and concepts taught will include fractions, order of operations, solving equations, graphing, patterns, area, and perimeter. Specially-designed instruction to meet the individual IEP goals of each student will be incorporated as well.

**SPECIAL SERVICES READING LAB (SPE 115, 116)*****OPEN TO:*** 9, 10, 11, 12 Full Year Course***PREREQUISITE:*** Special Services Eligible in subject area—IEP

This course is designed to strengthen and improve the reading and comprehension skills of students who are serviced in Reading. Students will be enrolled in this course based upon their IEP and ability levels as demonstrated by diagnostic testing by their current Case Manager. Students will focus on reading with accuracy and fluency, as well as reading comprehension.

**SPECIAL SERVICES READING/WRITING (SPE 211, 212, 213, 214, 215, 216, 217, 218, 219, 220)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course

***PREREQUISITE:*** Special Services Eligible in subject area—IEP  
For Reading or Written Language

These courses are designed to improve the reading, writing, and oral communication skills of students. Students will work in small groups or individually while receiving specially-designed instruction based on their individual IEP goals as well as access to instruction based on grade level standards. Students will be enrolled into the appropriate level based upon recommendations of their current Case Manager and current teacher recommendations.

**SPECIAL SERVICES SOCIAL SKILLS (SPE 400, 401)**

***OPEN TO:*** 9, 10, 11, 12 One Semester or Full Year Course

***PREREQUISITE:*** Special Services Eligible in subject area—IEP

If a student qualifies for special services in the area of Social Skills or Behavior Intervention, the IEP team may determine that those needs would best be met in and through this class. Each student's individual needs will be worked on through their IEP goals and objectives. Each student will be evaluated to determine what their needs are in Daily Living Skills, Personal and Social Skills and Occupational Guidance and Preparation. The class will then be aligned to meet the specific needs of the class using the Life Centered Career Education curriculum or other appropriate curriculum. The main focus will be on Personal and Social Skills.

**STRUCTURED LEARNING (SPE 100, 101)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course

2-Hour or 3-Hour Block Course

***PREREQUISITE:*** Special Services Eligible in subject area—IEP

This course is individually determined as defined in each student's IEP, specifically guided by his/her transition plan. Generally, students are provided an opportunity to sample a variety of job training opportunities at school, developing entry-level job skills, practicing job searches and interviewing techniques. They receive instruction in social skills needed to obtain and keep a job. Students are also provided a variety of courses to meet daily independent living needs, emphasizing functional skills such as money, time, budgeting and reading newspapers. Students will also learn common words and signs found in the community.



# **WORLD LANGUAGES**

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## WORLD LANGUAGES – COURSE LISTINGS

*Note:* Due to a trend of colleges testing world language knowledge as an entrance/placement tool, we recommend at least three years of world language.

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**DC – Dual Credit (formerly Tech Prep) for college may be available for this course.**

**AMERICAN SIGN LANGUAGE 1-2 (CTE 281, 282)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Recommended at least a C grade in Language Arts  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

**CROSS CREDIT:** Occupational

**Tech Prep credit may be available for this course.**

In this course, students will be introduced to the visual/gestural language and culture of the deaf. During silent activities, communications will be done by using ASL signs, grammar, facial expressions, body language, as well as oral and manual interpreting. Exposure to deaf culture will occur by reading articles, watching videotapes, observing and interacting with deaf individuals.

**AMERICAN SIGN LANGUAGE 3-4 (CTE 283, 284)**

**OPEN TO:** 10, 11, 12 Full Year Course

**PREREQUISITE:** C grade in ASL 1-2 or Teacher Permission  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

**CROSS CREDIT:** Occupational

**Tech Prep credit may be available for this course.**

This course is a continuation of ASL 1 & 2. Students will increase in proficiency of ASL, both in the classroom and with outside deaf activities. During silent activities, communication will continue to be done by using ASL signs, grammar, facial expressions, body language, as well as oral and manual interpreting. Students will continue to be exposed to deaf culture by reading articles, watching videotapes, interacting with deaf guests.

**AMERICAN SIGN LANGUAGE 5 & 6 (CTE 285, 286)**

**OPEN TO:** 10, 11, 12 Full Year Course.

**PREREQUISITE:** C grade in ASL 3-4 or Teacher Permission

**CROSS CREDIT:** Occupational

**Tech Prep credit may be available for this course.**

This course is a continuation of ASL 3 & 4, with students obtaining more knowledge in deaf culture and increasing their proficiency in ASL, both in the classroom and with outside deaf events. During silent activities, communication will continue to be one by using ASL signs, grammar, facial expressions, body language, and oral and manual interpreting. Continued exposure to deaf culture will occur by reading articles, watching videotapes, and interacting with deaf guests. Students will also be writing, typing, and orally presenting materials. Numbers, including math problems, will continue to be used both receptively and expressively. Further information will be given on the subject of interpreting. Successful completion of two years of ASL satisfies the foreign language requirement for many colleges and universities.

**CHINESE 1-2 (FOR 451, 452)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Recommended at least a C grade in Language Arts  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

Students will learn the basics of speaking standard Mandarin Chinese through listening and speaking exercises. They will learn to read and write simplified Chinese characters used in mainland China. Students will also learn about the cultures, geography and history of Chinese speaking peoples and regions.

**CHINESE 3-4 (FOR 453, 454)**

**OPEN TO:** 10, 11, 12 Full Year Course

**PREREQUISITE:** Recommended at least a C grade in Language Arts  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

A continuation of Chinese 1 and 2 in which students will review the skills learned in first year Chinese and continue to study at a more advanced level. Students will gain additional knowledge and have more advanced practice in speaking, reading, writing, and listening in Chinese.

**FRENCH 1-2 (FOR 201, 202)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Recommended at least a C grade in Language Arts  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

Students will learn basics of the French language through speaking, reading, writing, and listening in the language. Students will also learn about French and francophone cultures.

**FRENCH 3-4 (FOR 203, 204)**

**OPEN TO:** 10, 11, 12 Full Year Course

**PREREQUISITE:** C grade in French 2 or Teacher Permission  
Require passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

A continuation of French 1 and 2 in which students will review the skills learned in first year French and continue to study at a more advanced level. Students will gain additional knowledge and have more advanced practice in speaking, reading, writing, and listening in French. Students will continue to learn about French and francophone cultures.

**FRENCH 5-6 (FOR 205, 206)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** C grade in French  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

A continuation of French 3 and 4 in which students will review the skills learned in second-year French and continue to study at a more advanced level. More advanced readings, stories, and cultural topics will be explored.

**FRENCH 7-8 (FOR 207, 208)**

**OPEN TO:** 12 Full Year Course

**PREREQUISITE:** C grade in French 5-6  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This course will be offered providing there are enough students to form a class, and is a continuation of French 5 and 6. The studies will include preparation for the Advanced Placement Exam that students may elect to take in the spring for potential college credit. Students will read and discuss French literature, grammar, improve listening and speaking skills, and get a more in-depth look into French and francophone cultures.

**FRENCH – ADVANCED PLACEMENT (FOR 209, 210)**

**OPEN TO:** 11, 12 Full Year Course

**PREREQUISITE:** C grade in French 3-4 or 5-6  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This Advanced Placement course is designed as a college-level comprehensive course covering four major skills of the French language: speaking, listening, reading, and writing. Much attention is paid to grammatical accuracy and vocabulary development.

**GERMAN 1-2 (FOR 301, 302)**

**OPEN TO:** 9, 10, 11, 12 Full Year Course

**PREREQUISITE:** Recommended at least a C grade in Language Arts  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

Students will learn basics of the German language through speaking, reading, writing, and listening in the language. Students will also learn about German and German-speaking cultures.

**GERMAN 3-4 (FOR 303, 304)**

*OPEN TO:* 10, 11, 12 Full Year Course

*PREREQUISITE:* C grade in German 2 or Teacher Permission  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

A continuation of German 1 and 2 in which students will review the skills learned in first year German and continue to study at a more advanced level. Students will gain additional knowledge and have more advanced practice in speaking, reading, writing, and listening in German. Students will continue to learn about German cultures.

**GERMAN 5-6 (FOR 305, 306)**

*OPEN TO:* 11, 12 Full Year Course

*PREREQUISITE:* C grade in German  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

A continuation of German 3 and 4 in which students will review the skills learned in second-year German and continue to study at a more advanced level. More advanced readings, stories, and cultural topics will be explored.

**GERMAN 7-8 (FOR 307, 308)**

*OPEN TO:* 12 Full Year Course

*PREREQUISITE:* C grade in German 5-6  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This course will be offered providing there are enough students to form a class, and is a continuation of German 5 and 6. The studies will include preparation for the Advanced Placement Exam that students may elect to take in the spring for potential college credit. Students will read and discuss German literature, grammar, improve listening and speaking skills, and get a more in-depth look into German-speaking cultures.

**GERMAN – ADVANCED PLACEMENT (FOR 309, 310)**

*OPEN TO:* 12 Full Year Course

*PREREQUISITE:* C grade in German 5-6  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This course will be offered providing there are enough students to form a class, and is a continuation of German 5 and 6. The studies will include preparation for the Advanced Placement Exam that students may elect to take in the spring for potential college credit. Students will read and discuss German literature, grammar, improve listening and speaking skills, and get a more in-depth look into German-speaking cultures.

**JAPANESE 1-2 (FOR 401, 402)**

*OPEN TO:* 9, 10, 11, 12 Full Year Course

*PREREQUISITE:* Recommended at least a C grade in Language Arts  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

Students will learn basics of the Japanese language through speaking, reading, writing, and listening in the language. Students will also learn about Japanese cultures.

**JAPANESE 3-4 (FOR 403, 404)**

*OPEN TO:* 10, 11, 12 Full Year Course

*PREREQUISITE:* C grade in Japanese 2 or Teacher Permission  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

A continuation of Japanese 1 and 2 in which students will review the skills learned in first year Japanese and continue to study at a more advanced level. Students will gain additional knowledge and have more advanced practice in speaking, reading, writing, and listening in Japanese. Students will continue to learn about Japanese cultures.

**JAPANESE 5-6 (FOR 405, 406)**

*OPEN TO:* 11, 12 Full Year Course

*PREREQUISITE:* C grade in Japanese 4  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

A continuation of Japanese 3 and 4 in which students will review the skills learned in second-year Japanese and continue to study at a more advanced level. More advanced readings, stories, and cultural topics will be explored.

**JAPANESE 7-8 (FOR 407, 408)**

*OPEN TO:* 12 Full Year Course

*PREREQUISITE:* C grade in Japanese 5-6  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This course will be offered providing there are enough students to form a class, and is a continuation of Japanese 5 and 6. The studies will include preparation for the Advanced Placement Exam that students may elect to take in the spring for potential college credit. Students will read and discuss Japanese literature, grammar, improve listening and speaking skills, and get a more in-depth look into Japanese cultures.

**JAPANESE – ADVANCED PLACEMENT (FOR 409, 410)**

*OPEN TO:* 12 Full Year Course

*PREREQUISITE:* C grade in Japanese 5-6  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This Advanced Placement course is designed as a college-level comprehensive course covering four major skills of the Japanese language: speaking, listening, reading, and writing. Much attention is paid to grammatical accuracy and vocabulary development.

**LATIN 1-2 (FOR 501, 502)**

*OPEN TO:* 9, 10, 11, 12 Full Year Course

*PREREQUISITE:* C grade in English  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This first-year course will focus on the grammar and vocabulary of the Latin language. Students will learn to read and write Latin and study roots and origins of English vocabulary. Readings will include selections of prose and poetry. Roman culture and history will also be studied with emphasis on Rome's influence (literary and other) on western civilization.

**LATIN 3-4 (FOR 503, 504)**

*OPEN TO:* 10, 11, 12 Full Year Course

*PREREQUISITE:* C grade in Latin 1-2  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This second-year course will continue in its study of Latin grammar and vocabulary, but the emphasis will be on reading the Latin of the great Roman writers, e.g., Virgil, Ovid, Catullus, Cicero. This course will also offer a more in-depth look into ancient Roman history, mythology, religion, etc. These various facets of Roman culture will be studied within their historical context as well as how they have acted as precursors and influences for our own modern culture.

**LATIN 5-6 (FOR 505, 506)**

*OPEN TO:* 11, 12 Full Year Course

*PREREQUISITE:* C grade in Latin 3-4  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This advanced course will focus almost exclusively on Vergil's Aeneid. Large sections of books 1, 2, 4, and 6 will be read in the original Latin. Attention will be directed to various aspects of the poetry including metrics, historical context, mythology, ancient religion, and literary devices.

**SPANISH 1-2 (FOR 601, 602)**

***OPEN TO:*** 9, 10, 11, 12 Full Year Course

***PREREQUISITE:*** Recommended at least a C grade in Language Arts  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

Students will learn basics of the Spanish language through speaking, reading, writing, and listening in the language. Students will also learn about Hispanic cultures.

**SPANISH 3-4 (FOR 603, 604)**

***OPEN TO:*** 10, 11, 12 Full Year Course

***PREREQUISITE:*** C grade in Spanish 2 or Teacher Permission  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

A continuation of Spanish 1 and 2 in which students will review the skills learned in first year Spanish and continue to study at a more advanced level. Students will gain additional knowledge and have more advanced practice in speaking, reading, writing, and listening in Spanish. Students will continue to learn about Hispanic cultures.

**SPANISH 5-6 (FOR 605, 606)**

***OPEN TO:*** 11, 12 Full Year Course

***PREREQUISITE:*** C grade in Spanish 4  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

A continuation of Spanish 3 and 4 in which students will review the skills learned in second-year Spanish and continue to study at a more advanced level. More advanced readings, stories, and cultural topics will be explored.

**SPANISH 7-8 (FOR 607, 608)**

***OPEN TO:*** 12 Full Year Course

***PREREQUISITE:*** C grade in Spanish 5-6  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This course will be offered providing there are enough students to form a class, and is a continuation of Spanish 5 and 6. The studies will include preparation for the Advanced Placement Exam that students may elect to take in the spring for potential college credit. Students will read and discuss Spanish literature, grammar, improve listening and speaking skills, and get a more in-depth look into Hispanic cultures.

**SPANISH -- ADVANCED PLACEMENT (FOR 609, 610)**

***OPEN TO:*** 12 Full Year Course

***PREREQUISITE:*** C grade in Spanish 5-6  
Requires passing 1<sup>st</sup> semester to remain in 2<sup>nd</sup> semester

This Advanced Placement course is designed as a college-level comprehensive course covering the Spanish language. The course will cover the four major skills of: speaking, listening, reading and writing. Much attention is paid to grammatical accuracy and vocabulary.