

*GLENCOE HIGH SCHOOL*  
*2012-2013*  
*Course Guide*



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Hillsboro, OR 97124  
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# Glencoe High School Course Guide 2012-2013

Dear Tide Parents and Students,

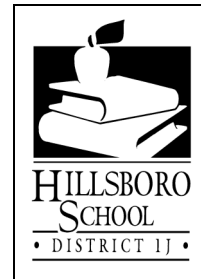
As you prepare to forecast for 2012-2013 coursework, it is important to review the minimum requirements for all Hillsboro diplomas. Please note the addition of **Essential Skill Proficiency Requirements in reading, writing, and mathematics.**

The faculty and staff at Glencoe High School are committed to providing our students with a rich, challenging, and meaningful educational experience. The academic program is designed to offer every student the opportunity to excel while at Glencoe and to build a strong foundation for success after high school. We look forward to working in partnership with you and your parents during your high school career.

This planning guide is an essential tool in making the important educational decisions that lie ahead for you. As you look through the guide, you'll find information on graduation requirements, college admission standards, and course descriptions. In addition, programs that are unique to Glencoe High School are also explained in this guide. Please give careful consideration to the course selections and program decisions that you make. These decisions will shape the foundation you build for your future.

Glencoe High School staff members are available to answer any questions you may have. I encourage you to seek the advice of counselors and teachers as you work through the forecasting process.

See us on the web at: [www.hsd.k12.or.us/glencoe](http://www.hsd.k12.or.us/glencoe)



It is the policy of the Hillsboro School District that no person be subjected to discrimination on the basis of race, national origin, religion, sex, age, handicap, or marital status in any program, service, or activity for which the District is responsible. The District will comply with the requirements of state and federal law concerning nondiscrimination and will strive by its action to enhance the dignity and worth of all persons.

## ATENCION, PADRES HISPANOS

Ofrecemos servicios de traducción si usted los necesita. Si quiere saber más sobre este servicio, por favor comuníquese al teléfono más abajo.

Consiga información sobre las clases de Inglés como Segundo Idioma ("ESL" por sus siglas en Inglés).

Este año estaremos ofreciendo otra vez la Escuela de Verano para estudiantes miembros del Programa Migrante.

Servicios de Traducción:  
503-844-1500



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# USING THIS GUIDE

This Course Guide is designed to help you make wise selections from the courses offered. Take the time and review the Handbook carefully. When forecasting for next year, students and parents should keep in mind the following:

1. All courses and programs offered are contingent upon adequate funding.
2. All courses offered are dependent on enrollment. If an insufficient number of students request a course, it will not be taught.
3. Courses are divided into two (2) types: required and elective. Required courses are those a student **must** pass to meet the State of Oregon and Hillsboro School District requirements for graduation. Elective classes are needed to meet graduation requirements but are designed to build skills in areas of study that meet the student's needs for vocational and college admission, as well as the pursuit of individual interests. Some courses may be taken for 0.5 credit (semester class) or 1.0 credit (full-year class).
4. Student placement in Language Arts (English), Math, Science, World Languages and Social Studies will be based on teacher recommendation, present classroom work, past performance, test scores, and other criteria related to the student's ability, potential, and career goals.
5. Not all courses are offered at every high school.

## FORECASTING PROCEDURES

1. Dates are scheduled for counselors to meet with students in February or March to review the forecasting process and to discuss courses offered.
2. The week that the course catalog and forecasting sheets have been distributed, the counselors will return and collect the forecasting forms. In order to be ready, students should have their completed forecasting sheet with the following information:
  - a. All courses they plan to take listed in preferential order.
  - b. Parent signature—**a signature is requested to indicate parent involvement in the selection of classes.**
  - c. At least two (2) credits of alternate selections must be listed in order of preference. (The two credits can be a combination of semester or year-long classes.)
  - d. Teacher signatures are required for students requesting advanced, accelerated, Honors or AP level courses.

## ATHLETIC ELIGIBILITY

There are both Hillsboro School District and OSAA academic standards that must be met for students to be eligible to participate in high school athletic and activity programs. Students must:

- Meet the OSAA requirements of (1) having passed five subjects the previous semester, and (2) be enrolled and doing passing work in at least five subjects the current semester.
- Meet the District requirement of passing all subjects or receive a 2.0 GPA on the previous grading period (quarter, semester, trimester).
- Be in attendance at school for at least half their class load before being allowed to practice or compete on that day. Truancy automatically excludes a student from athletic participation.

## PROGRAM REDUCTIONS

Major consideration will be given to student priorities if program reductions occur. Therefore, it is important that you give careful attention to your choice of electives. Clearly list your electives in priority order, with number 1 being your first choice.

## PROGRAM EXEMPTIONS

Schools in Oregon are required to include instruction on the prevention of AIDS/HIV/Hepatitis B. This instruction is typically contained within the Health Education curriculum. Parents may review this curriculum and request, in writing, that their child be exempt from this instruction.





# GLENCOE'S HONORS PROGRAM

To be an Honors Graduate, a senior must have:

- A cumulative GPA of at least 3.5 at the end of the second semester of Grade 12.
- Earned a minimum of 26 credits.
- Completed 3 years of a World Language.
- Been an active participant in at least one co-curricular activity (e.g., sports, clubs, theater, music).

All Honors Program courses must be taken for a letter grade. Honors Graduates must also complete at least 8 of the following courses by the end of Grade 12:

## Language Arts

Honors English 9  
Honors English 10  
AP Lang and Comp  
AP Lit and Comp  
Humanities

## Social Studies

Adv. American Studies  
AP Human Geography  
AP US History  
AP Government

## Math

Accelerated Geometry  
Accelerated Algebra 2  
Technical Math  
Pre-calculus  
Statistics  
AP Calculus 1  
AP Calculus 2  
AP Statistics

## Engineering

AP Computer Science  
Programming 3

## Science

Honors Biology  
Accelerated Chemistry  
AP Environmental Sci.  
AP Biology  
AP Chemistry  
AP Physics

## World Language

World Language Level 4  
World Language Level 5

## Arts and Communication

AP Studio Art  
AP Music Theory

## Senior Focused Program

Any appeals to the Honors Program requirements may be directed to the principal.

# VALEDICTORIANS AND SALUTATORIANS

Valedictorians and salutatorians are selected at the end of the eighth semester.

- Valedictorians are Honors graduates with a 4.0 GPA
- Salutatorians are Honors graduates with all "A"s and one "B" grade.
- Both Valedictorians and Salutatorians must have passed the state examinations at the 10th grade benchmark in reading, writing, mathematics and science.
- All Graduation and Honors Program Requirements must be taken for a letter grade.

# PCC DUAL AND TECHNICAL CREDIT INFORMATION

Did you know that you can earn college credit while attending high school toward a bachelor's degree, associate of applied science or a one-year certificate for some of your high school courses through the Dual Credit program at Portland Community College?



To qualify, you must complete the curriculum as approved by the college. The grade you receive in the high school course will be reflected on an official PCC transcript. By the time you graduate from high school, you will already have a head start on your college education, saving both time and money. These college level courses are offered **free** for students who meet academic requirements. PCC Dual Credit registration will occur in class with your high school teacher. Even if you don't plan to attend PCC, credits earned can be transferred to many Oregon colleges and universities, as well as some out-of-state institutions.



Check with your high school counselor or visit the website at [www.pcc.edu/pavtec/dual](http://www.pcc.edu/pavtec/dual) to view the complete list of courses eligible for PCC Dual Credit at your high school.

**Look for Portland Community College symbol (located at the left) throughout this guide to indicate the courses at Glencoe in which you may earn dual or technical credit.**



# ADVANCED PLACEMENT PROGRAM

## The AP Program

Each AP course is modeled on a comparable college course, therefore ensuring that AP courses align with college-level standards. Through AP courses, certified teachers help students develop and apply the skills, abilities and content knowledge they will need later in college.

## The AP Exam

Each AP course has a corresponding exam that schools administer in May. Except for AP Studio Art, which is a portfolio assessment, each AP Exam contains a free-response section (essays, problem solving, oral responses, etc.) as well as multiple-choice questions. Scores range from 1 to 5, depending on the level of understanding of the subject material demonstrated by the student.

AP Exams are an essential part of the AP experience, enabling students to demonstrate their mastery of college-level course work. They represent the culmination of AP courses and are thus an integral part of the program. As a result, most schools foster the expectation that students who enroll in an AP course will go on to take the corresponding AP Exam.

For information on specific exam content, sample questions, free-response questions from previous years and more, visit:  
[http://apcentral.collegeboard.com/apc/public/exam/exam\\_questions/index.html](http://apcentral.collegeboard.com/apc/public/exam/exam_questions/index.html)

## Tips for Success in your AP class

Success in a college-level course involves a sincere dedication to the material and its mastery. To aid in this, students should aim for the following:

- ☑ **Excellent Attendance:** Students should strive for perfect attendance in AP courses. Because there is an abundance of material covered each period, as well as an average of one hour of homework per class period, it is imperative that students keep up in order to be successful. Simply getting notes from peers or the teacher will not suffice.
- ☑ **Complete Homework:** Again, because of the intense amount of homework assigned in comparison to other courses, AP students need to be diligent in keeping up with their work.
- ☑ **Exceptional Study Habits:** College-level textbooks, vocabulary, large amounts of reading, and an expectation of analysis of the material means that students need to have good study skills and self-management. Some suggestions include studying in groups and using flashcards.
- ☑ **Thorough Note-Taking:** Paying attention in class and taking notes on the material is essential to comprehending the subject matter and being able to study well for tests and quizzes. Cornell notes are strongly encouraged.
- ☑ **Self-Advocacy:** Knowing when to check-in with the teacher, checking on your grade, using supplementary resources (workbooks, etc.) and seeking additional help when needed will all help in your student's success in their AP course.

## Receiving College Credit

More than 90 percent of four-year colleges and universities in the U.S. grant students credit and/or placement on the basis of AP Exam scores. But scores are also a gateway to success in college. Research consistently shows that students who score a 3 or higher typically experience greater academic success in college and higher graduation rates than their non-AP student peers.

\*\*Students are required to gain a teacher's signature before forecasting for an AP course to ensure they meet the prerequisites and necessary study habits to be successful in the course. Once a student has registered for an AP course, this course cannot be dropped without the following procedures:

- Consultation with counselor regarding reasons for dropping and other options, and
- Consultation and meeting with AP teacher, and
- Permission from counselor, teacher and, if necessary, Assistant Principal to exit class, and
- Permission from parent

## Students with Disabilities

If your student is currently on an IEP or a 504, please make sure that you contact their case manager or counselor to ensure that they have started the paperwork for getting your student's accommodations approved. Not all accommodations will be approved by the College Board; however it is wise to apply for them just in case.



## Oregon University System Admission Requirements Class of 2013

English	4 credits
Mathematics	3 credits (Preparatory Math through Algebra 2 or Interactive Math 3)
Science	2 credits (Biology, Chemistry, Physics, Physical Science/Integrated Science)
Social Science	3 credits (1 U.S. History, 1 World Studies, .5 Government, .5 Economics)
Second Language	2 credits of the same language (Spanish, French, or German)
<b><i>Other college prep electives are recommended to round out the high school program.*</i></b>	

### Freshman GPA Admission Requirements for Oregon State Colleges:

*SAT or ACT, Official high school transcript, \$50.00 application fee\* and on-line/paper application are required for college admission.*

	U of O	OSU	PSU	EOU	OIT	SOU	WOU
Recommended High School GPA	<b>3.40* and 16 core subject units</b>	<b>3.00</b>	<b>3.00</b>	<b>2.75</b>	<b>3.00</b>	<b>2.75</b>	<b>2.75</b>
Additional Portfolio Review Required***	Below 3.4	2.75 to 2.99	2.70 to 2.99	Below 2.75	2.50 to 2.99	Below 2.75 portfolio required	Below 2.75

The Hillsboro Chancellor's Diploma is designed to meet entrance requirements for all OUS schools. See page 5.

\*UO admits applicants who have a 3.40 high school GPA and 16 units of subject requirements including the 14 OUS subject requirements and 2 additional academic units. Applicants below the 3.40 high school GPA or 16 units of subject requirements will receive an additional review for admissibility. The 16 units of subject requirements must include the 14 subject units required for all OUS campuses listed above plus two additional approved units in any subject area.

\*\*\$50 application fee is standard, however if student participants in the free/reduced lunch program OUS Fee Deferral Forms are available.

\*\*\*Portfolio is required if cumulative GPA is below the above recommendation or any D's on official student transcript. Portfolio includes: personal essay and 3 letters of recommendation from high school staff, in addition to the standard admissions requirements. Minimum test scores are not set, but test results must be submitted and may be used during portfolio review process.

### Community College Requirements

Oregon community colleges have an open-door admission policy. Students can complete a certificate program, a 2-year associate program, or transfer to a 4-year college. Placement testing at community colleges is required before any courses can be scheduled. Students are not required to take the SAT or ACT for community college admission.



The PCC Logo indicates that Community college credit may be granted for successful completion of this course with a "C" or better.

### Private Colleges And Universities

Students may want to consider private colleges and universities. These institutions have their own entrance requirements. Consult your counselor and research the requirements in the guidance center.



# SAT AND ACT INFORMATION

Students who are planning on attending a 4-year college after graduation need to register to take either the SAT I (Scholastic Aptitude Test) or the ACT (American College Test) in order to meet college entrance requirements. Some schools also require the SAT II (Subject tests); students must check the individual college admission requirements through the college websites or catalogs, their counselor can assist with this if needed. SAT and ACT registration materials and preparation booklets/practice tests are available in the counseling center. Students may also register on-line at [www.collegeboard.com](http://www.collegeboard.com) for the SAT or [www.actstudent.org](http://www.actstudent.org) for the ACT. Glencoe's identification number for both of these is 380-474. SAT I and SAT II tests are both given on the SAT Test dates, but can NOT both be taken on the same day. Students needing both types of scores will have to register for two separate testing dates. Four-year college bound juniors are strongly encouraged to have taken either the SAT or ACT by the end of 11 th grade so they are ready to start their college applications in September of their senior year. The SAT and ACT are offered at Glencoe on specific test dates and at other district schools on other dates. Students on Free or Reduced lunch should talk to their counselor prior to registering for any tests as there may be a fee waiver for the exam. Please note that with either test you must register approximately one month before the actual test date and all four-year colleges will ask for the students SAT or ACT scores as a component of the application process. Test scores will take 4-6 weeks to get back.

## College Entrance Exam Dates 2012-2013

### SAT Test Dates

2012-13 SAT testing dates are TBA.  
Please see your school counselor for updated information.

### ACT Test Dates

September 8, 2012  
October 27, 2012  
December 8, 2012  
February 9, 2013  
April 13, 2013  
June 8, 2013

### PSAT Test Date

2012-13 PSAT testing dates are TBA. Please see your school counselor for updated information.

## ASPIRE PROGRAM

The AmeriCorps ASPIRE program matches trained community volunteers with high school students to provide one-on-one mentoring, and is in the fifth year at Glencoe High School. Administered by the Oregon Student Assistance Commission, Access to Student Assistance Program In Reach of Everyone seeks to provide Oregon high school students solid pathways beyond high school. Volunteer advisors guide students through the process of applying for college, financial aid and scholarships. ASPIRE helps high schools build a sustainable community of advisors and educates students and families about the scholarship application process and other college payment options. It also provides resources and encouragement to help students access education and training beyond high school.

**If interested, volunteers should contact the College and Career Center.**



# CAREER AND COUNSELING SERVICES

## Career Guidance Curriculum - Focus on the Future

It is the goal of the counseling/career staff at Glencoe High School to help students prepare for life after high school. The career path that each student chooses is significant, whether it be the workforce, a 2-year or 4-year college or university, the military, vocational technical training, or an apprenticeship program.

<u>Freshmen Guidance</u>	<u>Sophomore Guidance</u>	<u>Junior Guidance</u>	<u>Senior Guidance</u>
Introduction to Career Information System (CIS) - Career Search	CIS - Skills and Career Search	CIS - Reality Check	Internship
Introduction to Transcript and Credits	Transcript and Graduation Progress Review	Resume	Transcript Review/Post
Review of Graduation Requirements	4-Year Plans	Job Shadow/Informational Interview	Review Post-High School Plan
Academic Skill-Building	Selection/Introduction to Focused Programs of Study	Parent Volunteer Meeting	Parent Volunteer Meeting
		Scholarship and FAFSA Information	College applications, Scholarship and FAFSA information

Each student is responsible for completing the guidance activities while in attendance at Century High School. The 0.5 Career Development Credit is a Hillsboro School District diploma requirement and supports the State graduation requirements for career-related experiences.

## SCHEDULE CHANGE PROCEDURES

Students are advised to plan ahead and forecast carefully. A significant amount of time and effort is devoted to giving students their first choice electives (or alternates). The offering and staffing of elective courses will be dependent on the requests made during spring registration. Students are expected to take and complete the classes they have requested. ***Schedule changes will not be made if the student is scheduled for a class for which he/she forecasted.***

In the event that students are placed incorrectly, they may request a schedule change. **The last day to request a schedule change will be three (3) days after classes begin.** To change a schedule students must:

- Complete a schedule change form with their counselor, and
- Obtain parent's signature as an indication of his/her approval, and
- Obtain signatures of the teachers involved in the change, and
- Return the schedule change form to the counselor.

\*\*Note that AP schedule changes have different procedures, please see page 7 for information.

## TRANSCRIPT

Official transcripts are available for students to order. A student will receive three official transcripts free of cost per year; each additional are \$1.00 each. Students should make their request by completing a request form, available in the Counseling Center or on the Glencoe website two weeks in advance.



# CAREER PREPARATION

## Career Related Learning Experiences

Century, Glencoe, Hillsboro, and Liberty High Schools are members of the Western Washington County School-to-Work Consortium, which is operated through the Hillsboro Chamber of Commerce. Students have access to career exploration and work-based learning opportunities with businesses in the tri-county area. School-to-Work opportunities are coordinated through the school's Career Center.

Career-Related Learning Experiences provide opportunities for students to connect classroom learning with life experiences in the community, workplace, or school.

**Structured Work-Based Learning** provides students opportunities to apply academic and career-life knowledge and skills in the work environment, to take increased responsibility, and to acquire a more realistic understanding of the world of work. These experiences are closely linked to the student's classroom learning and require an application and approval through the Career Center. Examples:

- Internship
- Mentorship
- Cooperative Work Experiences
- Informational Interview
- Job Shadow
- Career Days

**Service learning** in the community provides structured experiences in thoughtfully organized community service activities that meet actual community needs. Projects are designed collaboratively by the student and the community and are closely linked to the student's classroom learning. Examples:

- Classroom connections
- Student driven community connections volunteering with organizations such as SOLV, Washington County Search and Rescue, Hillsboro Parks and Recreation, Boys and Girls Club, Jackson Bottom Wetlands, Public Library or Bonnie Hayes Animal Shelter.
- School club or organization that is service learning oriented, such as Key Club or National Honor Society.

**School-based experiences** provide hands-on application through projects, student-managed business enterprises, and other activities on campus. School-based experiences engage the student in complex, real-world problem solving that is academically rigorous, relevant to students and the community, and empowers students as active learners. School-based experiences are structured and closely linked to students' classroom learning. Examples:

- Student-managed enterprises
- Student leadership organizations

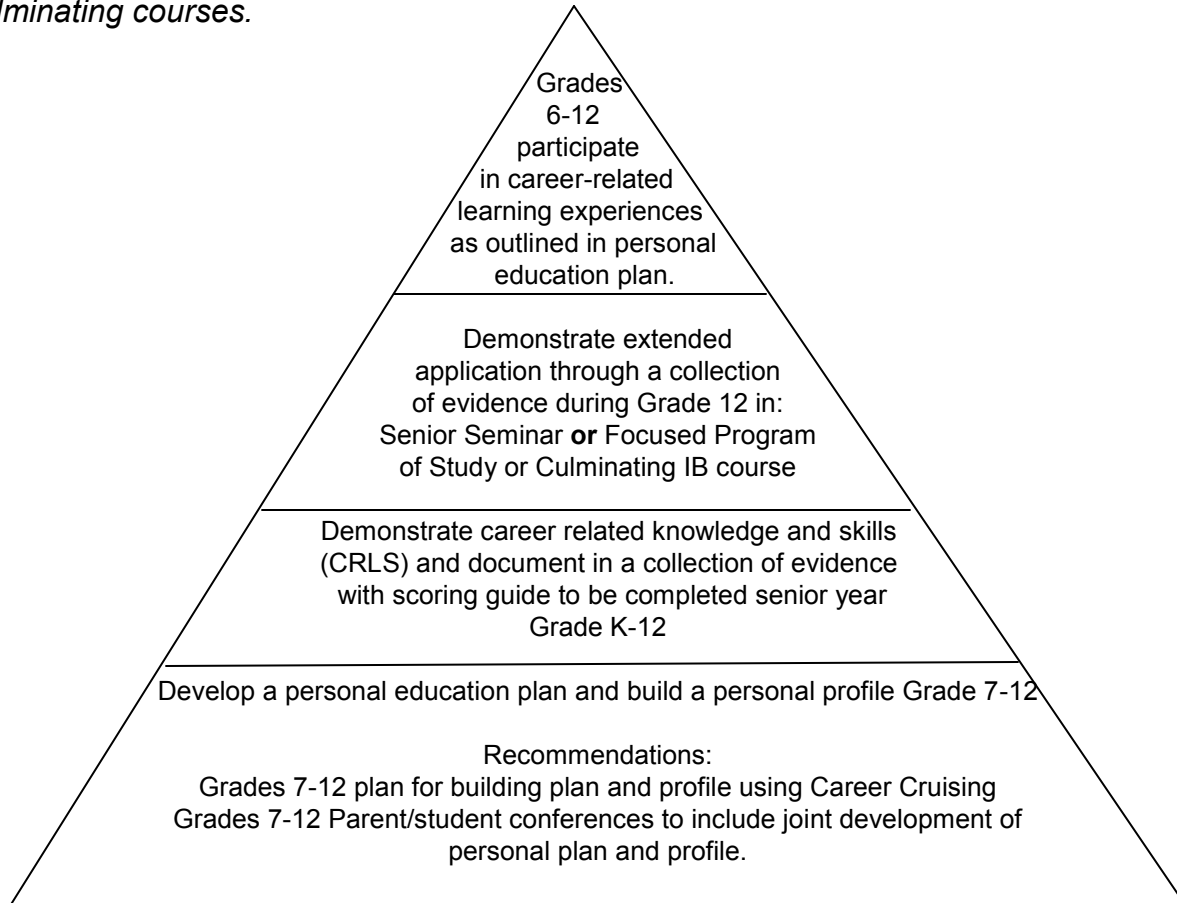
## Career Center Resources

<ul style="list-style-type: none"><li>• Career and Vocational Resources</li><li>• Military Information and Contacts</li><li>• SAT and ACT Registration Materials</li><li>• SAT and ACT Preparation Materials</li><li>• Oregon University System Applications</li><li>• Financial Aid Information and Applications (available in December)</li><li>• Computers for On-line Access and Research</li><li>• Career and College Guidance Counseling</li></ul>	<ul style="list-style-type: none"><li>• College Catalogs</li><li>• College Visitations</li><li>• Scholarship Information and Local Scholarship Lists</li><li>• Assistance with College and Scholarship Applications</li><li>• Job Boards</li><li>• School-to-Work Assistance for Focused Program of Study students</li><li>• Parent Volunteer Programs to Assist Students with Post High School Plans</li></ul>
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# SENIOR PORTFOLIO/SENIOR SEMINAR

Portfolio compilation and evaluation will occur in Senior Seminar, Focused Program of Study, or culminating courses.



## Senior Portfolio will include:

Personal Plan and Profile\*

Career Related Learning Standards collection of evidence\*

Project Proposal

Research Documents (five sources minimum)

Paper (5-10 pages)

Extended Application collection of evidence (15-30 hours, 30 Hours/Focused Program of Study)

Project documents and evaluations

Exhibition documents

(\*compiled/completed throughout high school)

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## SENIOR SEMINAR

Grade: 12 Credit: 0.5

Each Hillsboro School District senior is required to complete a senior project in order to graduate. The requirements for these projects are set by the District and the Oregon Department of Education. Students enrolled in a senior level Focused Program of Study program have an opportunity to work on these senior projects. **Senior Seminar is a required course for all other seniors.** (Students in Focused Programs may enroll in Senior Seminar if they wish additional project support.)

Senior Seminar provides students the opportunity and support to design and implement their senior project. The project will represent the interests, knowledge, and skills they have gained in high school and their visions for their future education and work. Components of the project include the project proposal, conducting research, writing a paper, and a presentation of the completed project. Students will also assemble a portfolio of their graduation requirements, letters of commendation and recommendation, transcripts, and other documents which can be used when applying to college or for a job.



# FOCUSED PROGRAM OF STUDY

Choosing a Focused Program of Study (FPS) is an important way to help clarify goals, provide purpose and relevance to your elective course selection, and prepare you to succeed in post-secondary education and/or the workplace. By selecting a Focused Program, you strengthen the opportunity to gain the qualities and skills that are vital for employment and productivity in business, industry and the community. If you would like help in choosing a career interest area, counselors, advisors, administrators, and the School-to-Work coordinator are available to help. The following charts will help you discern the seven Focused Program areas offered at Glencoe High School and the required courses of those programs.

<h2>Arts &amp; Communication</h2> <ul style="list-style-type: none"><li>• Fine Arts</li><li>• Performing Arts</li><li>• Graphic Arts</li></ul>
<h2>Business &amp; Management</h2> <ul style="list-style-type: none"><li>• Accounting</li><li>• Marketing</li></ul>
<h2>Engineering</h2>
<h2>Human Resource Services</h2> <ul style="list-style-type: none"><li>• Early Childhood</li><li>• SEAL (Social Services, Education, and the Law)</li></ul>
<h2>Health Services</h2>
<h2>Manufacturing &amp; Design Technologies</h2> <ul style="list-style-type: none"><li>• Industrial Engineering</li></ul>



# ARTS AND COMMUNICATION

## FOCUSED PROGRAM OF STUDY

To successfully complete an **Arts & Communication** focused program of study, students must pass the required program courses with a “C” or better and complete all the activities listed below. Employers emphasize the need for good communication and computer skills. Therefore, it is strongly recommended that students take as many of the exploratory and specialty courses listed below as possible to enhance their skills.

### FINE ARTS

Recommended Exploratory and/or Specialty Courses (Can be taken any time)	REQUIRED Foundation Courses and Activities (Grade 11)	REQUIRED Advanced Courses and Activities (Grade 12)	Post Graduation (Partial List)
<ul style="list-style-type: none"> <li>• Art 1</li> <li>• Photo Design 1</li> <li>• Second Language</li> <li>• Creative Writing</li> <li>• Speech</li> <li>• Sculpture</li> <li>• Photography</li> </ul>	<ul style="list-style-type: none"> <li>• Jr. English Advanced or</li> <li>• Jr. English Adv. Placement 1</li> <li>• 1 credit from:               <ul style="list-style-type: none"> <li>Art 2</li> <li>Advanced Art</li> <li>Art Staff</li> <li>Photo Design 2</li> <li>Cartooning &amp; Drawing</li> <li>Photography 1 or 2</li> <li>Journalism/Newspaper</li> <li>Yearbook</li> </ul> </li> <li>• Job Shadow (8 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	<ul style="list-style-type: none"> <li>• Humanities</li> <li>• 1 related credit from Exploratory and Specialty or Foundation Courses</li> <li>• Senior Project</li> <li>• Job Internship (30 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	4-Year College Bachelor's Degree <ul style="list-style-type: none"> <li>• Humanities</li> <li>• Journalism</li> </ul> 2-Year College Associate's Degree <ul style="list-style-type: none"> <li>• Graphic Design</li> <li>• Photography</li> </ul> 1-Year College Certificate Program <ul style="list-style-type: none"> <li>• Publishing Tech.</li> </ul>

### PERFORMING ARTS

Recommended Exploratory and/or Specialty Courses (Can be taken any time)	REQUIRED Foundation Courses and Activities (Grade 11)	REQUIRED Advanced Courses and Activities (Grade 12)	Post Graduation (Partial List)
<ul style="list-style-type: none"> <li>• Band</li> <li>• Guitar 1, 2</li> <li>• Choir</li> <li>• Drama 1</li> <li>• Speech</li> <li>• Creative Writing</li> <li>• Jazz Dance</li> <li>• Second Language</li> </ul>	<ul style="list-style-type: none"> <li>• 1 credit from:               <ul style="list-style-type: none"> <li>AP Music Theory</li> <li>Concord</li> <li>Vocal Ensemble</li> <li>Symphonic Band</li> <li>Jazz Band</li> <li>Drama 2, 3, 4</li> <li>Tech Theater</li> <li>Forensics</li> </ul> </li> <li>• Job Shadow (8 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	<ul style="list-style-type: none"> <li>• Humanities</li> <li>• 1 related credit from A&amp;C Exploratory and Specialty or Foundation Courses</li> <li>• Senior Project</li> <li>• Job Internship (30 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	4-Year College Bachelor's Degree <ul style="list-style-type: none"> <li>• Music</li> <li>• Theater Arts</li> <li>• Fine Arts</li> </ul> 2-Year College Associate's Degree <ul style="list-style-type: none"> <li>• Speech Communication</li> </ul> 1-Year College Certificate Program <ul style="list-style-type: none"> <li>• Music</li> </ul>



# ARTS AND COMMUNICATION

## FOCUSED PROGRAM OF STUDY

To successfully complete an **Arts & Communication** focused program of study, students must pass the required program courses with a “C” or better and complete all the activities listed below. Employers emphasize the need for good communication and computer skills. Therefore, it is strongly recommended that students take as many of the exploratory and specialty courses listed below as possible to enhance their skills.

### GRAPHIC ARTS

Recommended Exploratory and/or Specialty Courses (Can be taken any time)	REQUIRED Foundation Courses and Activities Minimum 2 credits (4 semesters) of the following:	REQUIRED Advanced Courses and Activities	Post Graduation (Partial List)
<ul style="list-style-type: none"> <li>• Art 1</li> <li>• Creative Writing</li> <li>• Journalism</li> <li>• Newspaper</li> <li>• Photography 1</li> <li>• Sculpture</li> <li>• Second Language</li> <li>• Speech</li> <li>• Web Design</li> </ul>	<ul style="list-style-type: none"> <li>• Art 1</li> <li>• Art 2</li> <li>• Advanced Art</li> <li>• Photo Design/Graphic Design 1</li> <li>• Photo Design/Graphic Design 2</li> <li>• Cartooning and Drawing 1</li> <li>• Cartooning and Drawing 2</li> <li>• Photography 1</li> <li>• Photography 2</li> </ul>	<ul style="list-style-type: none"> <li>• 1 credit (2 semesters) of Advanced Graphic Arts Studio (includes Senior Project and Senior Paper)</li> <li>• Job Internship (30 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	4-Year College Bachelor of Fine Arts Degree <ul style="list-style-type: none"> <li>• Graphic Design</li> <li>• Interior Design</li> <li>• Fashion Design</li> <li>• Game Design</li> <li>• Photography</li> <li>• Illustration</li> <li>• Web Design</li> </ul> 2-Year College Associate's Degree <ul style="list-style-type: none"> <li>• Graphic Design</li> <li>• Interior Design</li> <li>• Fashion Design</li> <li>• Game Design</li> <li>• Photography</li> <li>• Illustration</li> <li>• Web Design</li> </ul>



# BUSINESS AND MANAGEMENT

## FOCUSED PROGRAM OF STUDY

To successfully complete a **Business and Management** focused program of study, students must pass the required courses with a “C” or better and complete all the activities listed below. Employers emphasize the need for good communication and computer skills. It is, therefore, strongly recommended that students take as many of the exploratory and specialty courses as possible to enhance their skills.

Students will receive their **Economics** credit if they successfully complete **ALL** of the required program courses and activities.



These courses offer TECH PREP credit. Students who successfully complete any of these courses can apply to receive credit at Portland Community College.

### ACCOUNTING

Recommended Exploratory and/or Specialty Courses (Can be taken any time)	REQUIRED Foundation Courses and Activities (Grade 11)	REQUIRED Advanced Courses and Activities (Grade 12)	Post Graduation (Partial List)
<ul style="list-style-type: none"> <li>• Computer Keyboarding</li> <li>• Word Processing</li> <li>• Computer Applications</li> <li>• Advanced Computer App.</li> <li>• Business Law</li> <li>• Personal Finance</li> <li>• Speech</li> <li>• Leadership</li> </ul>	<ul style="list-style-type: none"> <li>• Marketing 1</li> <li>• Accounting 1</li> <li>• Job Shadow (8 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	<ul style="list-style-type: none"> <li>• Management/Business Seminar</li> <li>• Accounting 2</li> <li>• Senior Project</li> <li>• Job Internship (30 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	4-Year College Bachelor's Degree <ul style="list-style-type: none"> <li>• Business</li> <li>• Accounting</li> <li>• Management</li> </ul> 2-Year College Associate's Degree <ul style="list-style-type: none"> <li>• Management</li> <li>• Accounting</li> </ul> 1-Year College Certificate Program <ul style="list-style-type: none"> <li>• Record Keeping</li> <li>• Computers</li> </ul>

### MARKETING

Recommended Exploratory and/or Specialty Courses (Can be taken any time)	REQUIRED Foundation Courses and Activities (Grade 11)	REQUIRED Advanced Courses and Activities (Grade 12)	Post Graduation (Partial List)
<ul style="list-style-type: none"> <li>• Computer Keyboarding</li> <li>• Word Processing</li> <li>• Computer Applications</li> <li>• Advanced Computer App.</li> <li>• Business Law</li> <li>• Speech</li> <li>• Marketing Lab (Student Store or Coffee Cart)</li> <li>• Personal Finance</li> <li>• Leadership</li> <li>• Sports, Recreation, and Entertainment Marketing</li> </ul>	<ul style="list-style-type: none"> <li>• Marketing 1</li> <li>• Accounting 1</li> <li>• Job Shadow (8 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	<ul style="list-style-type: none"> <li>• Management/Business Seminar</li> <li>• Marketing 2/Food Service</li> <li>• Senior Project</li> <li>• Job Internship (30 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	4-Year College Bachelor's Degree <ul style="list-style-type: none"> <li>• Business</li> <li>• Marketing</li> <li>• Management</li> </ul> 2-Year College Associate's Degree <ul style="list-style-type: none"> <li>• Management</li> <li>• Marketing</li> </ul> 1-Year College Certificate Program <ul style="list-style-type: none"> <li>• Computers</li> <li>• Office Systems</li> </ul>



# Engineering

## FOCUSED PROGRAM OF STUDY

To successfully complete an **Engineering** focused program of study, students must pass the required program courses with a “C” or better and complete all the activities listed below. Employers emphasize the need for good communication and computer skills. It is, therefore, strongly recommended that students take as many of the exploratory and specialty courses as possible to enhance their skills.

Students will receive **elective Engineering** credits if they successfully complete **ALL** of the required program courses and activities. **\*Required for completion of the Project Lead the Way (PLTW) program.**

Recommended Exploratory and/or Specialty Courses (Can be taken any time)	REQUIRED Foundation Courses and Activities	REQUIRED Advanced Courses and Activities	Post Graduation (Partial List)
<ul style="list-style-type: none"> <li>• Architectural Drafting</li> <li>• Drafting Technology</li> </ul>	2 credits from: <ul style="list-style-type: none"> <li>• Intro to Engineering Design*</li> <li>• Principles of Engineering*</li> <li>• Digital Electronics*</li> <li>• Programming 1</li> </ul>	1 credit from: <ul style="list-style-type: none"> <li>• Engineering Design and Development</li> <li>• Job Internship</li> <li>• Service Learning</li> <li>• Programming 2/AP Computer Science</li> </ul>	4-Year College Bachelor's Degree <ul style="list-style-type: none"> <li>• Biological and Ecological Engineering</li> <li>• Chemical Engineering</li> <li>• Electrical Engineering</li> <li>• Material Science</li> <li>• Mechanical Engineering</li> <li>• Computer Science</li> </ul> 2-Year College Associate's Degree <ul style="list-style-type: none"> <li>• Aviation Science</li> <li>• Biomedical Engineering Technology</li> <li>• Computer Science</li> <li>• Computer Information Systems</li> <li>• Drafting and Design</li> <li>• Engineering</li> <li>• Mechanical Engineering and Technology</li> </ul>

## PROJECT LEAD THE WAY (PLTW)

Project Lead The Way ([www.PLTW.Org](http://www.PLTW.Org).) is a national organization that develops pre-engineering curriculum for Grades 6-12. Students interested in Engineering can take all four PLTW courses at Glencoe in the following sequence:

1. Introduction to Engineering Design
2. Principles of Engineering
3. Digital Electronics
4. Engineering Design and Development



# HEALTH SERVICES

## FOCUSED PROGRAM OF STUDY

To successfully complete a **Health Services** focused program of study, students must pass the required program courses with a “C” or better and complete all the activities listed below. Employers emphasize the need for good communication and computer skills. It is, therefore strongly recommended that students take as many of the exploratory and specialty courses as possible to enhance their skills.

Recommended Exploratory and/or Specialty Courses (Can Be taken any time)	REQUIRED Foundation Courses and Activities (Grade 11)	REQUIRED Advanced Courses and Activities (Grade 12)	Post Graduation (Partial List)
<ul style="list-style-type: none"> <li>• Chemistry</li> <li>• Psychology</li> <li>• Advanced Biology</li> <li>• Advanced Placement Biology</li> <li>• Physics</li> <li>• Cooking Healthy</li> <li>• Child’s Services 1, 2</li> <li>• Child Development</li> <li>• Computer Applications</li> <li>• Management</li> <li>• PE Aide</li> </ul>	<ul style="list-style-type: none"> <li>• Health Service 1 <u>and</u> Anatomy &amp; Physiology <u>or</u> SEAL 1</li> <li>• Job Shadow (8 hrs)</li> <li>• Service Learning (8 hrs)</li> </ul>	<ul style="list-style-type: none"> <li>• Health Occupations (2 credits) or *Health Service 2/ Emergency Services</li> <li>• Senior Project</li> <li>• Job Internship (30 hrs)</li> <li>• Service Learning (8 hrs)</li> </ul>	<p>4-Year College Bachelor’s Degree</p> <ul style="list-style-type: none"> <li>• Pre-Med</li> <li>• Nursing</li> <li>• Biology</li> </ul> <p>2-year College Associate’s Degree</p> <ul style="list-style-type: none"> <li>• Radiography</li> <li>• Veterinary Technician</li> <li>• Emergency Medical Tech</li> <li>• Paramedic</li> </ul> <p>1-Year College Certificate Program</p> <ul style="list-style-type: none"> <li>• Medical Assistant</li> <li>• Lab Technician</li> <li>• Fitness Technician</li> </ul>



# HUMAN RESOURCE SERVICES

## FOCUSED PROGRAM OF STUDY

To successfully complete a **Human Resource Services** focused program of study, students must pass the required program with a "C" or better and complete all the activities listed below. Employers emphasize the need for good communication and human relations skills. It is therefore, strongly recommended that students take as many of the exploratory and specialty courses as possible to enhance their skills.



These courses offer TECH PREP credit. Students who successfully complete any of these courses can apply to receive credit at Portland Community College.

### EARLY CHILDHOOD EDUCATION

Recommended Exploratory and/or Specialty Courses (Can Be taken any time)	REQUIRED Foundation Courses and Activities (Grade 11)	REQUIRED Advanced Courses and Activities (Grade 12)	Post Graduation (Partial List)
<ul style="list-style-type: none"> <li>• Psychology</li> <li>• Sociology</li> <li>• Business Law</li> <li>• Marketing 1</li> <li>• Family Life</li> <li>• Childs World</li> <li>• Computer Keyboarding</li> <li>• Speech</li> <li>• Leadership</li> </ul>	<ul style="list-style-type: none"> <li>• SEAL 1 or Health Services 1 <u>and</u> Anatomy &amp; Physiology <u>or</u> Child Development</li> <li>• <b>Child Services 1</b></li> <li>• Job Shadow (8 hours)</li> <li>• Service Learning (8 hours)</li> <li>• Beginning Child Services</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Child Services 2</b></li> <li>• Senior Project</li> <li>• Job Internship (30 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	<ul style="list-style-type: none"> <li>4-Year College Bachelor's Degree</li> <li>• Sociology</li> <li>• Education</li> <li>• Psychology</li> <li>2-year College Associate's Degree</li> <li>• Early Childhood Education</li> <li>1-year College Certificate Program</li> <li>• Instructional Assistant</li> </ul>

### SEAL (SOCIAL SERVICE, EDUCATION AND THE LAW)

Recommended Exploratory and/or Specialty Courses (Can be taken any time)	REQUIRED Foundation Courses and Activities (Grade 11)	REQUIRED Advanced Courses and Activities (Grade 12)	Post Graduation (Partial List)
<ul style="list-style-type: none"> <li>• Psychology</li> <li>• Sociology</li> <li>• Forensic Science</li> <li>• Business Law</li> <li>• Marketing 1</li> <li>• <b>Child's World</b></li> <li>• <b>Child's Services 1,2</b></li> <li>• <b>Computer Keyboarding</b></li> <li>• Speech</li> </ul>	<ul style="list-style-type: none"> <li>• SEAL 1, (2 credits)</li> <li>• Job Shadow (8 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	<ul style="list-style-type: none"> <li>• SEAL 2</li> <li>• Senior Project</li> <li>• Job Internship (30 hours)</li> <li>• Service learning (8 hours)</li> </ul>	<ul style="list-style-type: none"> <li>4-Year College Bachelor's Degree</li> <li>• Sociology</li> <li>• Education</li> <li>• Psychology</li> <li>• Political Science</li> <li>• Human resources and Administration</li> <li>2-Year College Associate's Degree</li> <li>• Criminal Justice</li> <li>• Fire Protection</li> <li>1-Year College Certificate Program</li> <li>• Instructional Asst.</li> </ul>

Students will receive their **Economics and People and Politics** credits if they successfully complete **ALL** the required program courses and activities.



# MANUFACTURING AND DESIGN TECHNOLOGIES

## FOCUSED PROGRAM OF STUDY

To successfully complete an **Manufacturing and Design Technologies** focused program of study, students must pass the required program courses with a “C” or better and complete all the activities listed below. Employers emphasize the need for good communication and computer skills. Therefore, it is strongly recommended that students take as many of the exploratory and specialty courses as possible to enhance their skills.



These courses offer **TECH PREP** credit. Students who successfully complete any of these courses can apply to receive credit at Portland Community College.

Recommended Exploratory and/or Specialty Courses (Can Be taken any time)	REQUIRED Foundation Courses and Activities (Grade 11)	REQUIRED Advanced Courses and Activities (Grade 12)	Post Graduation (Partial List)
<ul style="list-style-type: none"> <li>• Drafting Tech 1</li> <li>• <b>Drafting Tech 2</b></li> <li>• Architectural Drafting 1</li> <li>• <b>Architectural Drafting 2</b></li> <li>• Machine Welding 1</li> <li>• <b>Machine Welding 2</b></li> <li>• Wood Tech 1</li> <li>• Wood Tech 2</li> <li>• <b>Computer Keyboarding</b></li> <li>• <b>Computer Applications</b></li> </ul>	<ul style="list-style-type: none"> <li>• 1 credit from:               <ul style="list-style-type: none"> <li>Drafting Tech 1</li> <li><b>Drafting Tech 2</b></li> <li>Drafting Tech 3 (IS)</li> <li>Architectural Drafting 1</li> <li><b>Architectural Drafting 2</b></li> <li>Architectural Drafting 3 (IS)</li> <li>Machine Welding 1</li> <li><b>Machine Welding 2</b></li> <li>Machine Welding 3 (IS)</li> <li>Wood Tech 1</li> <li>Wood Tech 2</li> <li>Wood Tech 3 (IS)</li> </ul> </li> <li>• 1 credit from:               <ul style="list-style-type: none"> <li>Physics</li> <li>AP Physics</li> <li>Chemistry</li> <li>AP Chemistry</li> </ul> </li> <li>• Job Shadow ( 8 hours)</li> <li>• Service Learning (8 hours)</li> </ul>	<ul style="list-style-type: none"> <li>• 1 credit from:               <ul style="list-style-type: none"> <li><b>Drafting Tech 2</b></li> <li>Drafting Tech 3 (IS)</li> <li>Drafting Tech 4 (IS)</li> <li><b>Architectural Drafting 2</b></li> <li>Architectural Drafting 3 (IS)</li> <li>Architectural Drafting 4 (IS)</li> <li>Machine Welding 2</li> <li>Machine Welding 3 (IS)</li> <li>Machine Welding 4 (IS)</li> <li>Wood Tech 2</li> <li>Wood Tech 3 (IS)</li> <li>Wood Tech 4 (IS)</li> </ul> </li> <li>• Senior Project</li> <li>• Job Internship (30 hours)</li> <li>• Service learning (8 hours)</li> </ul>	4-Year College Bachelor's Degree <ul style="list-style-type: none"> <li>• Architecture</li> <li>• Engineering</li> </ul> 2-year College Associate's Degree <ul style="list-style-type: none"> <li>• Engineering Tech</li> <li>• Drafting</li> </ul> 1-year College Certificate Program <ul style="list-style-type: none"> <li>• Welding</li> <li>• Machine Manufacturing</li> <li>• Building Construction</li> <li>• Fine Woodworking</li> </ul>
IS = Independent Study			

Supplies will be provided for those who cannot afford student costs.



# ARTS AND COMMUNICATION

## Course Offerings

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### ART I

**Grade:** 9, 10

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** None

**Fee:** \$25.00/semester

Art I is a foundation course focused on exploring the elements and principles of design in relationship to art making. The studio course exposes the student to drawing, painting and mixed media, print making and sculpture. Art I incorporates the use of the artist journal and critiques, written and oral, as a tool in evaluating work. Art I is offered as a semester course and may be taken for a full year.

### ART 2

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** "C" or better in Art 1

**Fee:** \$25.00/semester

Art II continues to build on the elements and principles of design as students broaden their artistic responses through drawing, painting, mixed media, print making and sculpture. Art II supports the student in their development of creative/critical thinking explored in journal explorations, art perspectives and current art issues. Art II is a full-year course.

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### CARTOONING & DRAWING 1

**Grade:** 9, 10, 11, 12

**Credit:** .5

**Prerequisite:** Art 1 recommended

**Fee:** \$25.00/semester

In this in-depth study of the art of cartooning, students focus on the development of drawing skills (human anatomy, shading and perspective), effective storytelling, and character creation. Significant time is spent drawing the figure from observation as well as on building first-hand experience with the many genres of comics. Projects including "how-to" comics, autobiographical comics, political cartoons and hero/villain cards allow students to gain valuable skills for careers in illustration, storyboarding, game design or animation.

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### CARTOONING AND DRAWING 2

**Credit:** .5

**Fee:** \$25.00/semester

**Prerequisite:** "C" or better in Cartooning 1

This course continues the exploration of graphic narratives by approaching comics as the meeting of art, writing, and digital tools. When possible, this class will be offered in a computer lab to enhance hand-drawn comics through the use of Adobe Photoshop. Students will pitch an idea for new comic or cartoon, then begin work on that series. Students will also create daily comic strips with a consistent cast of characters, and will create a class anthology.

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### ADVANCED ART 1

**Grade:** 11,12

**Credit:** 1.0

**Prerequisite:** "C" average in Art 2 or teacher recommendation.

**Fee:** \$25.00/semester

Advanced Art I is a studio class designed for juniors and seniors. The structure of the class involves in-depth experiences in the core areas of drawing, painting and mixed media, printmaking and sculpture. Students are exposed to art schools, museums, galleries, art history, and contemporary art issues and portfolio development.

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### ADVANCED ART 2

**Grade:** 12

**Credit:** 1.0

**Prerequisite:** "C" Average in Advanced Art I or teacher recommendation

**Fee:** \$25.00/semester

Advanced Art II is a studio class designed for seniors. The structure of the class involves in-depth experiences in drawing, painting and mixed media, printmaking and sculpture. Students are exposed to art schools, museums, galleries, art history, and contemporary art issues and portfolio development. Advanced Art II is a vehicle in which seniors can complete their Senior Project.



# ARTS AND COMMUNICATION

## Course Offerings

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### ADVANCED GRAPHIC ARTS STUDIO

**Grade:** 11, 12 **Credit:** 1.0

**Fee:** \$25.00/semester

**Prerequisite:** Recommended minimum 4 semesters of art classes and approval of instructor.

Advanced Graphic Arts Studio is the capstone course for the Graphic Arts focused program of study and is required for students who wish to receive a Focused Program of Study in Graphic Arts. First semester students explore handmade and digital graphic art tools and techniques including drawing, painting, collage, stencils, spray paint, and *Adobe Photoshop*. During second semester students receive guidance and support as they create a powerful Senior Project in digital or studio-based graphic design, product design, cartooning, fashion design, illustration, photography, or web design. Career related presentations and experiences enhance student understanding of the relevance of their projects.

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### DRAMA 1

**Grade:** 9, 10, 11, 12

**Credit:** 0.5 - 1.0

(Full year highly recommended.)

**Prerequisite:** None

This acting course is an opportunity for students to learn the fundamentals of acting, enjoy performing, and build performance skills. Projects include improvisation, duet scenes, monologues, one-act performances, silent scenes, and radio show. Active participation and a willingness to work with others to create performances are the cornerstones of this class. It's a wonderful opportunity to build confidence and work with a variety of people to create entertaining performances.

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### DRAMA 4

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** "C" or above in Drama 3

Drama 4 students will perform in demanding scenes and monologues that stretch their abilities and challenge them to be versatile and complete as actors. Projects in this course will include performances of scenes from Shakespeare (along with the required research of that time period). Directing fundamentals and advanced improvisation are included with scenes, monologues, one-act plays and script writing as projects in this course. This class will perform outside of class to the largest extent possible, including potential full, original productions.

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### DRAMA 2

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** "C" or above in Drama 1.

This course continues the work begun in Drama 1. Students will improve on the acting skills learned in Drama 1 by engaging in more challenging exercises and performing more complex scenes and monologues. Students will also begin learning about various acting theories and styles of acting. Long-form improvisation is included with scenes, script writing, and monologues as projects in this class.

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### DRAMA 3

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** "C" or above in Drama 2

Drama 3 students will begin to find methods of acting that work for them as individuals. In this course, different schools of acting are explored more in depth, and students will try a variety of exercises in order to learn their optimal approach to acting. Students will also learn about classic Greek theatre and will be expected to perform a scene or monologue from a Greek play. Directing fundamentals and advanced improvisation are included with scenes, monologues, one-act plays and script writing as projects in this course. Drama 3 students will perform outside of class to the largest extent possible, including potential full original productions.

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### TECHNICAL THEATRE 1

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** None (May be repeated.)

In Technical Theatre, students learn about all the work that happens off the stage to make the actors look good on the stage. This class involves a variety of activities, including work on current productions (such as sets and lights), design for future productions, and learning fundamentals of technical theatre. In any given class day, a student may paint a set, mend a costume, or draw a ground plan for a set. By the end of the year, students will have designed sets, lights, costumes, and sound for a potential future play and will have gained hands-on experience with all the technical aspects of theatre.

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### TECHNICAL THEATRE 2

**Grade:** 10, 11, 12 **Credit:** 1.0

**Prerequisite:** Technical Theatre College credit is available for this course.

In this course students specialize in one or two areas of technical theatre, including lights, set, sound, props, publicity, management, and/or costumes. They gain an in-dept knowledge of that area of specialty, through both academic instruction and hands-on experience in production work. Students will also be expected to participate in current productions as a technical crew member. This course may be repeated for credit.



# ARTS AND COMMUNICATION

## Course Offerings

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### SPEECH

**Grade:** 9, 10, 11, 12

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** None

Students who wish to overcome stage fright or fear of speaking in front of an audience should enroll in Speech. Poise, self-confidence, and organization of speaking effectiveness will be learned in this course. Students will give informative, persuasive, and entertaining speeches, debate, interpretive readings, and do radio and television speeches.

SEAL, Business and Management, and Arts and Communications Focused Program of Studies students are encouraged to take Speech.

*\*Students who enroll for only one term may enroll for either term.*

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### FORENSICS (Competitive Speech)

**Grade:** 9, 10, 11, 12

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** None



Emphasis is on individual improvement in all phases of speech skill with the opportunity to participate in competitive speech activities at colleges and other high schools around Oregon. Debate, drama and speech activities are included in this class. Students will learn to win an argument and use critical thinking skills. They will have many opportunities to learn to excel in speaking and writing.

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### NEWSPAPER STAFF

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Advanced reporters and editors should complete the journalism class. For all other members, please contact the adviser.

**Elective only - does not meet English graduation requirement.**

The newspaper staff is a dynamic, project-oriented class in which students work together to produce a meaningful product. Students grow close as they support and encourage each other while sharing the common goal of producing Glencoe's award-winning newspaper. This course provides real-world experience, giving students the opportunity to practice important life skills that are valuable for college and career preparation. In this course, students experience active, hands-on learning. This learning experience helps students become more confident, well-rounded, and connected with their student body.

There are many roles students can fill on the newspaper. *Beginning reporters* will be eased into the course through practice lessons and then with small assignments. *Advanced reporters*, who have taken the journalism class, strengthen their writing by exploring more in-depth stories. *Photographers* help tell the news and attract readers through their photos. *Ad sales people* learn how to sell ads and how to talk with businesses to connect them with teenagers in our school. We are also looking for *illustrators*, *webmasters*, and *videographers*. The staff also needs *project managers* – people willing to be team members who contribute in a variety of ways. All students will be taught how to create beautifully designed pages.

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### JOURNALISM

**Grade:** 10, 11, 12

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** Strong performance in English class, solid writing foundation and study habits.

Students will learn to capture the interest of readers and create enticing, informative stories. Students become reporters who can interview with poise and confidence. They learn to write well-developed, interesting news and feature stories. Any students who wish to take their writing to a higher level and learn to write for a real audience will benefit from this class. Students in the Glencoe journalism program develop writing skills that rank them among the best in the state. These skills also transfer to other styles of writing, including AP English and college essay writing. Students also learn how to become good editors who know specific ways to help others improve their writing.

During second semester, students will learn how to create attractive newspaper pages. They will learn how to use Adobe InDesign to publish their pages. The culminating project of the year is the creation of an issue of the *Crimson Times*, the school newspaper. The class becomes a team as they work together, deciding which stories to cover and then helping each other produce these stories. This is an exciting project which is often the highlight of the year for students.

Although the class is designed as a full-year class, any student who can take only one semester is still welcome. Since the skills are taught sequentially, students are encouraged to take first semester, which emphasizes writing skills, taught step-by-step. Students who can only take second semester will be successful if they are initiators who are willing to learn on the job. They will have the opportunity to create simpler stories: infographics, news briefs and quote collections.



# ARTS AND COMMUNICATION

## Course Offerings

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### YEARBOOK STAFF

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Must have a teacher recommendation form completed, interview and instructor approval.

**Elective only - does not meet English graduation requirement.**

Students in this course produce the school's yearbook. Students participate in staff planning sessions, conduct interviews, write copy, and prepare page layouts. The staff must be able to meet deadlines, work under pressure, be at after school/ weekend events and act as responsible group members. **All staff must be familiar with the use of DSLR cameras and Photoshop and must have their own transportation to and from events.**

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### CREATIVE WRITING 1

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** Freshmen and sophomores require teacher approval.

**Elective only - does not meet English graduation requirements.**

Creative writing is designed for those students with an interest in perfecting the skills needed to produce quality fiction, nonfiction, and poetry. Writers will demonstrate a willingness to revise work. Students will explore the creative process in detail.

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### CREATIVE WRITING 2

**Grade:** 10, 11, 12

**Credit:** 0.5

**Prerequisite:** Creative Writing and teacher consent through submission of an original piece.

This course is for serious writers who want to further develop their writing skills in a particular genre including short fiction, novels, poetry and play or film scripts. All projects will be student driven with group workshops to aid students in revising and rewriting their work. Students enrolled in advanced creative writing will be in charge of maintaining the creative writing website. They will also implement a Glencoe literary magazine.

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### ADVANCED PLACEMENT STUDIO ART

**Grade:** 11, 12

**Credit:** 1.0 (full year course)

**Fee:** \$25.00/semester

**Prerequisite:** Sculpture 1 & 2 and teacher approval; Photography 1 & 2 and teacher approval; Art 1 & 2, Advanced Art and teacher approval

This course is for the students to excel in their art making ability using art elements and principles of design. Students will concentrate on the technical aspects of seeing an artwork through from the initial idea to a gallery ready presentation. Students should be able to explain their decisions in their art in formal evaluation strategies. Students will focus on a chosen concentration theme while building up a body of artwork that may be submitted for Advanced Placement portfolio review.

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### WEB DESIGN

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None

Students will learn to design high quality web pages using Dreamweaver, PhotoShop and Flash. The first semester culminated in students developing an entire site working in small groups. Options during second semester include helping with the ongoing development and maintenance of Glencoe High School's web site and deeper exploration of web design through creation of individually driven websites. This course will teach students to design web pages using HTML, CSS and JavaScript.



# ARTS AND COMMUNICATION

## Course Offerings

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### GRAPHIC DESIGN 1

**Grade:** 9, 10, 11, 12  
**Credit:** 0.5  
**Fee:** \$25.00/semester

Using drawing, painting, printmaking, photography and Adobe Photoshop, students explore graphic design areas including typography and letterforms, illustration, idea and product promotion, poster design, logo design and more. All projects involve creative problem solving, aesthetics and criticism. Graphic Design is a gateway to many career options in commercial art and design.

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### GRAPHIC DESIGN 2

**Grade:** 9, 10, 11, 12  
**Credit:** 0.5  
**Prerequisite:** "C" or better in Graphic Design 1  
**Fee:** \$25.00/semester

Graphic Design 2 continues our exploration of real world design projects and issues using traditional and non-traditional media, and Adobe Photoshop. Projects include billboard design, magazine illustration, historical poster design, 3D design, T-shirt design and printing, and exploring ethical issues in advertising.

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### PHOTOGRAPHY 1

**Grade:** 10, 11, 12  
**Credit:** 0.5 (May be repeated.)  
**Fee:** \$35.00

This course will introduce students to the basic parts and operation of the SLR camera, photographic and darkroom equipment, materials, methods and processes. Students will work regularly in the darkroom and learn a number of printing variations. Having a 35mm SLR and a compact digital camera are strongly recommended.

With an understanding of the traditional photographic process, the students will acquire instruction in digital photography which involves study of digital cameras, composition, and computer and digital imaging which is ready to print.

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### PHOTOGRAPHY 2

**Grade:** 11, 12 **Credit:** 1.0 (full-year course) **Fee:** \$35.00  
**Prerequisite:** "B" average in Photography 1

Students continue to explore new uses and applications of materials and equipment. With further study of design and composition the students begin to develop artistic intent. Students research influential photographers and styles to build diversity in their work and knowledge of the media.

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### PHOTOGRAPHY 3

**Grade:** 11, 12  
**Credit:** 1.0 (full year course)  
**Prerequisite:** "B" or better in Photography 2  
**Fee:** \$35.00

Students continue to experiment with new subjects and techniques which through the course develops their unique style. Each student works on thematic approaches to gain a deeper understanding gained through image research. A conceptual idea in the imagery is explored to produce a deeper understanding of communication through the media.

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### SCULPTURE 1

**Grade:** 9, 10, 11, 12  
**Credit:** 0.5 (May be repeated.)  
**Fee:** \$25.00/semester

Students will explore 3D concept rendering applied to 3D construction through an introductory course in studying design and aesthetic. This course will explore the elements of art and the principles of design through structural problem solving in line, plane, balance, movement, proportion, unity, rhythm, contrast and dominance. Among other materials, students will be working with paper, wood, clay, plaster, found objects and wire.

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### SCULPTURE 2

**Grade:** 10, 11, 12  
**Credit:** 1.0 (full year course)  
**Fee:** \$25.00  
**Prerequisite:** "B" average in Sculpture 1

Students continue to explore 3D construction through further study of design and aesthetic. Through familiarity and the study of the art elements and design principles students will learn to become more intuitive and reflective on notions such as space, movement and form. As well as working with new techniques and materials the students are encouraged to develop their own styles and project work.

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### SCULPTURE 3

**Grade:** 11, 12  
**Credit:** 1.0 (full year course)  
**Fee:** \$25.00  
**Prerequisite:** "B" average in Sculpture 2

Students continue to work with the design notions of the first two years while building a thematic approach to the work. Through research of professional designers and artists the students demonstrate their own artistic intent and develop more conceptual approaches to their work.



# BUSINESS AND MANAGEMENT

## Course Offerings

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### BUSINESS LAW

**Grade:** 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None

Business law affects each of us on a daily basis, whether we are buying a car, taking clothes to the dry cleaners, obtaining a job, renting an apartment, or applying for credit. An understanding of the relationships between business, government, and how the laws affect individuals is an essential life skill for consumers, citizens, and workers. Topics covered in this course include ethics, legal rights and responsibilities, uses of various legal documents, legal implications of business transactions, how the courts work to enforce laws in business, and current events in business law.

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### ACCOUNTING 1

**Grade:** 10, 11, 12

**Credit:** 1.0



**Prerequisite:** None

Accounting is a planned system for recording, analyzing, and interpreting financial information for a business. It is essential knowledge for anyone going into the business world, as well as being important for personal financial activities. Accounting 1 introduces basic accounting principles and procedures, including the accounting cycle, profit and loss, asset management, payables and receivables, and payroll. Simulated projects give students practice in accounting using an automated computer program. Corporate accounting and special journals are introduced. Career opportunities are explored.

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### ACCOUNTING 2

**Grade:** 11, 12

**Credit:** 0.5

**Prerequisite:** 'B' or better in Accounting 1

Accounting 2 gives students a continuation of the basic accounting principles learned in Accounting 1 and the ability to apply these principles to a broader range of experiences. The student will use the computer as a tool for accounting processes, including an automated accounting program. Managerial accounting, cost accounting, and accounting for nonprofit organizations are introduced. This course will prepare students for college-level accounting courses as well as entry-level positions in business.

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### COMPUTER APPLICATIONS

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** Keyboarding



In Computer Applications students will learn how a personal computer works and how to best utilize it as a tool for school work and on the job. Email, word processing, desktop publishing, spreadsheet, and presentation fundamentals will be covered. This course will introduce students to *Outlook*, *Word*, *Excel*, *Publisher*, and *PowerPoint* using *Microsoft Office 2007*.

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### WORD PROCESSING

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None

Word Processing will help develop additional speed and accuracy on the keyboard. Students will produce and edit a variety of business letters, forms, tables and reports. In addition, they will learn to use some of the more advanced features of a word processing program, including desktop publishing. This culminating project will simulate the word processing work of an administrative assistant. It is recommended as a preparation for advanced business courses.

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### COMPUTER KEYBOARDING

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None



In Keyboarding students will learn to keyboard by touch on a computer. Students will also learn how to format reports for other courses and letters for personal and business use. This course serves as a foundation for students wishing to enroll in advanced business subjects. Computer enthusiasts will find this skill a real time-saver.

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### ADVANCED COMPUTER APPLICATIONS

**Grade:** 10, 11, 12

**Credit:** 0.5

**Prerequisite:** Computer Applications (with a C or better) or teacher approval



This course is for the students who have a desire to learn the advanced features in *MS Word*, *PowerPoint*, *Excel*, *Publisher*, and *Access*. Students will learn to customize beyond basics: creating tables, embedding graphics, using multiple columns, designing slide show special effects, using spreadsheet formula operations, and other advanced formatting options. Students will also have the opportunity to learn the fundamentals of web-page and newsletter design and database creation using *Access*.



# BUSINESS AND MANAGEMENT

## Course Offerings

### PERSONAL FINANCE

**Grade:** 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None

The purpose of this course is to give the student a working knowledge of everyday business and consumer transactions. Major concepts explored include: employment and income, money management, budgeting, checking and savings accounts, investments, credit (financial planning), consumerism, insurance, and taxation.

### SPORTS, RECREATION & ENTERTAINMENT MARKETING

**Grade:** 11, 12

**Credit:** 0.5

**Prerequisite:** Marketing 1

This advanced marketing course will provide students the opportunity to learn marketing principles in the field of sports, recreation, and entertainment. Students will produce and market activities for athletic, recreation, and entertainment programs at Glencoe High School and in the community. This course will emphasize business, management, communication, economics, finance, pricing, promotion, entrepreneurship, and selling. A significant portion of this program will include hand's-on learning activities, computer/technology, simulations, school and community projects, and DECA competitive events.

### MARKETING 1

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** None

**Fee:** DECA dues \$20.00

This course offers the opportunity to develop leadership and teambuilding skills and plan for careers in marketing, merchandising, and retailing. Topics include creating a business plan, advertising and promotion, merchandising, market research, and business organization. DECA (the national marketing student organization) offers students the chance to expand classroom instruction by actually becoming involved in real business world activities and competition.

### MARKETING 2/FOOD SERVICE

**Grade:** 11, 12

**Credit:** 0.5

**Prerequisite:** Marketing 1 or teacher recommendation

Marketing 2/Food Service is advanced study of Marketing and Business concepts through a long-term project that revolves around the food service industry. Learning opportunities include sous chef, accounting, cashier, marketing, market research, management functions, business organization, purchasing, stock and inventory control, cost analysis, communications and teamwork. Students are able to gain knowledge about business and the food service industry by providing lunches to students and staff.

### MARKETING LAB (Student Store/Coffee Cart)

**Grade:** 10, 11, 12

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** Enrolled in or have taken Marketing 1 and teacher approval

Students will participate in management and daily operation of the student store or coffee cart and will be accountable for the profits and losses when they occur. Activities include: buying, inventory control, pricing, display, cashiering, sales, customer service, management, employee training and accounting.

### MANAGEMENT/BUSINESS SEMINAR

**Grade:** 12

**Credit:** 1.0

**Prerequisite:** Accounting 1, Marketing 1 or teacher recommendation.



The first half of this course introduces basic business management concepts as well as current management experience and research regarding organizing and managing processes, resources, and people to achieve the organization's purposes.

Changes in management theory and practice are included, recognizing that society and technology places new demands on business enterprises.

Business Seminar is designed to guide the Business & Management Focused Program of Study students through the senior project and the completion.

### DECA

DECA is a student-centered organization specifically designed to provide learning opportunities to marketing education students through goal-oriented activities. The focus of these activities is to develop a greater understanding and appreciation of marketing, management, and entrepreneurship. These activities contribute to occupational competence by promoting greater understanding and appreciation for the responsibilities of citizenship in our private and free enterprise system.



# Engineering

## Course Offerings

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### INTRODUCTION TO ENGINEERING DESIGN

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Current enrollment in or successful completion of Algebra 1

This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software. This course is part of the Project Lead the Way engineering program.

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### PRINCIPLES OF ENGINEERING

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Introduction to Engineering Design

This course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science, and technology in an engineering problem-solving process to benefit people. The course also includes concerns about social and political consequences of technological change. This course is part of the Project Lead the Way engineering program

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### PROGRAMMING 1

**Grade:** 10, 11, 12 or teacher approval

**Credit:** 1.0

**Prerequisite:** Algebra 1

This course teaches students how to design computer programs in a very learner-friendly environment. Projects and assignments include animation and game design. An orderly approach to design is emphasized. Students who like problem solving will enjoy this course.

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### PROGRAMMING 2/ADVANCED PLACEMENT COMPUTER SCIENCE A

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Programming 1

This course teaches object-oriented program design using Java. As in Programming 1, an orderly approach to design is emphasized. Students will be prepared to take the Advanced Placement Computer Science A exam in the spring.

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### ENGINEERING DESIGN AND DEVELOPMENT

**Grade:** 12

**Credit:** 1.0

**Prerequisite:** Introduction to Engineering Design and Development, Principles of Engineering, Digital Electronics

This is an engineering research course in which students work in teams to research, design and construct a solution to an open-ended engineering problem. Students apply principles developed in preceding engineering courses and are guided by a community mentor. They must present progress reports, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the school year. This course also fulfills the Senior Project graduation requirement. This course is part of the Project Lead the Way engineering program.

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### DIGITAL ELECTRONICS

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Current enrollment in Algebra 2 or instructor approval.

This course applies logic to the design and construction of electrical circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices. This course is part of the Project Lead the Way engineering program.

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### PROGRAMMING 3/ADVANCED TOPICS

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Programming 2

This course covers advanced programming concepts including algorithm efficiency and abstract data types.



# ENGLISH AS A SECOND LANGUAGE (ESL)

## Course Offerings

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### NEWCOMERS ESL

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** Meets Placement Criteria (ELPA level 1 or WMLS—R Level 1)

This course is designed for the newly arrived student with no previous experience in U.S. schools, with the goal of developing basic language, literacy, and school and community survival skills through a comprehensions-based approach.

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### ESL 1

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Successful mainstreaming into academic course.

Designed for all levels of beginning English learners. Emphasis is on oral language development in listening, speaking, reading, and writing. The writing process is introduced with the goal of students writing at the paragraph level. The course incorporates academic vocabulary in preparation for successful mainstreaming into academic courses.

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### ESL 2

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Successful completion of ESL 1 or equivalent

Designed for intermediate English language learners. Emphasis is on listening, speaking, reading, and writing. The writing process is continued with the goal of writing short compositions. The course incorporates academic vocabulary in preparation for successful transition into mainstream classes.

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### ESL STUDY SKILLS

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

This course provides the students with a set of guidelines and strategies to approach school work, learning tools, and academic tutoring which will enable them to become independent learners. Reciprocal tutoring and small group work is encouraged.

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### ESL 3

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Successful completion of ESL 2 or equivalent

Designed for advanced English learners. Emphasis is on achieving fluency in speaking, reading, and writing English. The course focuses on refining the skills of communication, grammar, and increasing academic vocabulary.

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### COLEGIO DE BACHILLERES

**Grade:** 10, 11, 12

**Credit:** Varies

**Prerequisite:** Successful completion of elementary and middle school, and 9th grade.

The “Colegio de Bachilleres” program is an online alternative program delivering Spanish language web-based curriculum, which aligns to the State of Oregon’s course content requirements. The curriculum includes general academic content subject areas, as well a variety of elective courses. The “Colegio de Bachilleres” program also provides Spanish language resources and materials to support learning in various content areas required for high school graduation. To enroll in any of these courses, students will need to consult with their academic counselor.



# FAMILY AND CONSUMER STUDIES

## Course Offerings

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### CHILDS WORLD

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None



This course explores the world of the child from three years through five years. Studies include influences on the child, growth and development patterns, and interactions of the child with family and friends. This course prepares the student to enter Child Services where a preschool is conducted and taught by students.

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### CHILD SERVICES 2

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** 1.0 credit of Child Services 1 with a "C" or better.



Child Services 2 is the advanced, year-long course in Glencoe's Early Childhood Education Focused Program of Study which is part of the Human Resource Systems Focused Program of Study. Under the supervision of the teacher, students will assume management responsibilities in the preschool, assisting in the planning and organization of its operations as well as participating in the marketing and business aspects of the program. The course incorporates observations, practicum's, and internships at other agencies/schools as well as introduces students to the "business" side of opening, owning, operating, and maintaining a child care center or preschool.

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### CHILD DEVELOPMENT

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None

Child Development will focus on human development from prenatal through the toddler years. All aspects of development will be explored including physical, social, emotional, language, and cognitive. Activities and projects will emphasize the understanding of the areas of development. Child Development assists students who are interested in the field of early childhood education, education, health, social services, and family law.

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### DAY CARE WORK EXPERIENCE

**Grade:** 10, 11, 12

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** Child Services or Child's World and teacher approval, must be 16 years old.

This course is designed to assist in the nursery and is available every period of the day. Students must be prepared to interact and care for infants and will develop skills to deal directly with infants and all aspects of child care.

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### CHILD SERVICES 1

**Grade:** 10, 11

**Credit:** 1.0

**Prerequisite:** Child's World, teacher approval and application.



This course is a continuation of Childs World, intended for students interested in gaining skills and knowledge necessary to aid growth and development of children ages three to five. The student will gain the knowledge and professional qualities necessary for entry-level employment and/or planning and implementation of preschool routines. Students will work with children twice a week. This course is designed for students pursuing their Focused Program of Study in Early Childhood Education.

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### TEEN PARENT SUPPORT SEMINAR

**Grade:** 9, 10, 11, 12

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** Pregnant student or teen parent; required if teen parent's child is in the nursery.

This course is designed to assist the school-aged mother or father and pregnant young women. Prenatal information, individual and group guidance, and parenting education are included. Full-time child care is provided on the Glencoe campus.

Second semester teen parents will learn how to set-up and operate an in-home Daycare Center. This will include marketing, advertising, budget proposals and licensing.



# HEALTH

## Course Offerings

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### HEALTH 1

**Grade:** 9, 10

**Credit:** 0.5

**Prerequisite:** None (required class)

This ninth grade health program builds upon the wellness concepts introduced at the seventh grade. Emphasis is on maintaining mental, social, and physical health as a means of preventing diseases and disorders. The course is designed to aid the student with health-related decisions. The units of study include: health assessments, mental health, human growth and development, prevention of communicable disease, and an introduction to health careers. AIDS-related instruction includes: current information regarding risk behaviors, situations involved in disease transmission, and practice that minimize the risk of infection. Students are responsible for required tasks assigned as part of health curriculum.

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### HEALTH 2

**Grade:** 11

**Credit:** 0.5

**Prerequisite:** None (required class)

This required course is designed to aid the student with his/her health-related decisions, both now and in the future. The four general units of study include: preventive health, consumer health, mental health, and marriage/family. Two major projects are 10-day eating better and 10-day give more of yourself. \*Extra credit is given for fitness workouts including some Saturdays.


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### HEALTH SERVICES 1

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** None


 Health Services 1 students focus on lifespan health issues including reproduction, prenatal development, communicable and non-communicable diseases, mental health, fitness, exercise and nutrition, drugs and medications, relationships, first aid and safety, health careers, and other related health topics. An 8-hour job shadow in the health field is a course requirement. **Students will receive their Health 2 credit for successfully completing this course for the entire two terms plus 2 credit hours from PCC for medical terminology.** Health Services 1 is a part of the Health Services Focused Program of Study. Students wishing to complete their Focused Program of Study must concurrently enroll in Human Biology.

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### HEALTH SERVICES 2/ EMERGENCY SERVICES

**Grade:** 12

**Credit:** 1.0

 This course is designed for students interested in emergency related careers such as emergency medicine, paramedic medicine, and fire science. A 32-hour internship with Hillsboro Fire Department is included in this course. Students will also receive training and certification in first aid, safety, AED and CPR.


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### HEALTH OCCUPATIONS

**Grade:** 12

**Credit:** 2.0 Double Period

**Prerequisite:** Health Services 1 recommended or teacher approval.

 Classroom work first term includes, anatomy, physical, basic skills, terminology, disease, and general study of the human body. Starting second semester, the majority of the time is spent in clinical sites such as: convalescent care centers, hospitals, dental clinics, and doctors offices where practical experience and knowledge will be gained. Students also take a nursing assistant course and upon completion may take the State Board Nursing Exam. Students senior projects and portfolio are completed in this focused program as well.

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### ANATOMY & PHYSIOLOGY (Human Biology)

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Biology

Human Biology is a lab-based study of the anatomy and physiology of the human body. It is designed for students interested in medical, health, or fitness related careers. A field trip and cadaver presentation by a medical student at OHSU is a culminating activity in this class. Students will receive one science credit by successfully completing this course. Human Biology is a part of the Health Services Focused Program of Study but may be taken separately for science credit. Students wishing to complete their Focused Program of Study must concurrently enroll in Health Services 1.



# LANGUAGE ARTS

## Course Offerings

### STUDENT PLACEMENT IN REQUIRED ENGLISH CLASSES

Students should be placed in an **English** class commensurate with their ability so they can be successful, but challenged. A variety of information is gathered on each student before a recommendation is made. Placement in English classes is based upon present English level and grade earned, overall GPA, and teacher recommendation.

#### FRESHMAN ENGLISH

**Grade:** 9

**Credit:** 1.0

**Prerequisite:** None (required class)

All communication areas are addressed in this required course. Emphasis is on reading, writing, speaking, and preparation for required work samples. An Honors Program for freshman English is available. Writing of analytical paragraphs is emphasized.

#### LITERACY

**Levels A/B/C/D/E/F**

**Grade:** 9, 10, 11, 12

**Credit:** 1.0 Elective or 1.0 Language Arts

**Prerequisite:** Placement based on reading indicators.

Language! Is a fully integrated language arts curriculum designed to rapidly improve the fundamental reading skills of students, so that they will be more successful in Language Arts classes. All areas of English language use are addressed intensely: phonemic awareness, word recognition and spelling, vocabulary and morphology, grammar and usage, listening and reading comprehension, and speaking and writing.

#### SOPHOMORE ENGLISH

**Grade:** 10

**Credit:** 1.0

**Prerequisite:** None (required class)

Sophomore English provides students with more background in speaking, reading, and writing. Emphasis is on the writing process and writing analytical essays. Literature includes a Shakespearean play, novels, short stories, and poetry. Vocabulary study is integrated with the literary works. An Honors Program option is available.

#### JUNIOR ENGLISH

**Grade:** 11

**Credit:** 1.0

**Prerequisite:** None (required class)

Junior English combines a survey of American literature from colonial times to the present with continued skill building in reading, writing, and speaking. Emphasis is given to reading strategies and multi-model writing. Literature studied includes novels, short stories, plays and poetry from major American authors.

#### ADVANCED JUNIOR ENGLISH

**Grade:** 11

**Credit:** 1.0

**Prerequisite:** Received "B" or higher in Sophomore English.

This course features a college prep English curriculum. Designed for students with above average reading and writing skills. Advanced Junior English combines a survey of American literature from colonial times to the present with analytical and evaluative reading and writing, SAT preparation, research, and public speaking. ***This course fulfills the Junior English requirement.***

#### ADVANCED PLACEMENT ENGLISH- Language & Composition

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Teacher approval and students must have passed Reading and Writing State tests during their sophomore year.

Advanced Placement Language and Composition is a college-level course taught in high school to prepare for the AP exam. Students read and analyze mostly non-fiction writings, while honing expository composition skills. Discussions about literature and writing require critical, creative thinking, and active class participation.

Students are required to satisfactorily complete  
4 credits of English in order to graduate with a  
Standard, Chancellor's, or Honors Diploma.



# LANGUAGE ARTS

## Course Offerings

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### SENIOR ENGLISH

**Grade:** 12

**Credit:** 1.0

**Prerequisite:** Meet placement criteria

This course will emphasize a variety of selections from world, British, and American literature. Students will develop and refine writing and oral communication, as well as reading skills. Students should also expect to connect literature to different art forms and life experiences. Speeches and basic essays are required.

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### COLLEGE PREPARATORY ENGLISH

**Grade:** 12

**Credit:** 1.0

**Prerequisite:** Teacher approval, B or higher in previous Junior level course.

The course is for the college-bound senior. The areas of study include British and world literature, with some study in art, philosophy, and history. Instruction in college composition will be an integral part of the course. Speeches are required. Student's English grades and standardized test scores (e.g., PSAT) are considered by recommending teachers.

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### HUMANITIES

**Grade:** 12

**Credit:** 1.0

**Prerequisite:** Course is senior English requirement for Arts & Communication students. Preference given to students in A&C, however, course is open to all seniors. ***This course will fulfill senior English requirements.***

Humanities is required for seniors who wish to receive the Arts and Communications Focused Program of Study. (See Arts and Communications section.) The subjects in Humanities include literature, art, philosophy, and history. Instruction in college composition and the research process will be an integral part of this course. Humanities is a college prep class. Thinking, writing and presentation assignments are designed to prepare students for college.

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### ADVANCED PLACEMENT ENGLISH--Literature & Composition

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Teacher approval and must have passed Reading and Writing State tests.

Advanced Placement 2 is for students whose ability qualifies them for college level work in literature and composition. Emphasis is placed on perceptive and interpretive reading, writing and speaking effectively, and the development of each student's responsibility for his/her learning. It teaches concepts ordinarily measured in advanced placement examinations. Preparation for the Literature and Composition test is stressed.



# MANUFACTURING AND DESIGN TECHNOLOGIES

## Course Offerings

### ARCHITECTURAL DRAFTING 1

**Grade:** 10, 11, 12 (Grade 9 if enrolled in Alg.1)

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** None

**Fee:** \$25.00/semester

Areas of study will include home plan and site selection, architectural and roof styles, various types of drawings (i.e., plot, floor, foundation, and elevation), basic dimensioning, lettering, and blueprint reading. Computer Aided Drafting (CAD) will be a significant portion of this course.

### DRAFTING TECHNOLOGY 1

**Grade:** 10, 11, 12 (Grade 9 if enrolled in Algebra 1)

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** None

**Fee:** \$25.00/semester



This course is designed to introduce students to basic computer aided drafting (CAD). The course will acquaint students with the computer drafting program *AutoCAD*. The students will learn basic functions of the *AutoCAD* program while working on a variety of traditional drawings. Course content will include: geometric constructions, multiview drawings, sectioning, pictorials, developments and dimensioning. Shop processes and occupational information will be included in this class.

### MACHINE WELDING TECHNOLOGY 1

**Grade:** 9, 10, 11, 12

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** None

**Fee:** \$25.00/semester\*

This course is designed to give students the basic understanding of machine tool operations such as lathes, mills, and drill presses. C.N.C. operations will also be covered. Heavy emphasis is placed on wire feed welding, and large fabrication projects. Items such as trailers and aluminum boats will be constructed. \*

### ARCHITECTURAL DRAFTING 2

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Architectural

Drafting 1

**Fee:** \$25.00/semester



Each student will select a building site and create a floor plan for a home to suit that site. The resulting set of plans will meet all zoning and building code requirements. New trends in architecture, real estate, architectural and roof styles, building costs, and financing will be studied. Plot, floor, foundation, cross section, elevations, cabinets, and fireplace plans are drawn. Credit may be granted for Architectural Drawing at Portland Community College for successfully completing this course. Computer Aided Drafting (CAD) will be used extensively in this course.

A job internship component and student project will be required for those students interested in completing their Focused Program of Study.

### DRAFTING TECHNOLOGY 2

**Grade:** 10, 11, 12

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** Drafting Technology 1

**Fee:** \$25.00/semester



Students desiring to follow a career in engineering or drafting should register for this course. Entry level skills will be obtained for employment in the field. The course of instruction will include: advanced multi-view projections, sectioning, pictorial drawings and developments, dimensioning, intersections, gears, welding drawings and symbols, auxiliary views, threads and fastenings, assembly drawings, and lettering. Computer Aided Drafting will be used extensively in this course. (Students may incur an additional cost for materials and tools.)

A job internship component and student project will be required for those students interested in completing their Focused Program of Study.

### MACHINE WELDING TECHNOLOGY 2

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Machine/Welding

Technology 1

**Fee:** \$25.00/semester\*



This is an advanced course giving students a greater understanding of C.N.C. operations with heavy emphasis on the applications of machine tools. Wire feed welding and machining processes will be linked with PCC's articulation credits.

A job internship component and student project will be required for those students interested in completing their Focused Program of Study. \*

\*Students who do not have approved safety glasses can purchase them at the student store.



# MANUFACTURING AND DESIGN TECHNOLOGIES

## Course Offerings

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### **WOODWORKING TECHNOLOGY 1**

**Grade:** 9, 10, 11, 12

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** None

**Fee:** \$25.00/semester\*

This course introduces students to the basics of woodworking. Introductory safety, measurement, machine processes, mass production, finishing methods, and furniture and cabinet making will be included. Students will learn about basic mechanical drawing and print reading. Students will be expected to pay for their personal projects.\*

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### **WOODWORKING TECHNOLOGY 2**

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Wood Tech 1

**Fee:** \$25.00/semester\*

This course will expand and refine learning of Woodworking 1 content. Students will design, develop, and manufacture individual projects. Emphasis will be placed on cabinetry and furniture manufacturing. Students will be expected to pay for their personal projects. \*

A job internship component and student project will be required for those students interested in completing their Focused Program of Study.

\*Students who do not have approved safety glasses can purchase them at the student store.



# MATHEMATICS

## Course Offerings

### Students Mathematical Path Options

<b>Year 1</b>	Algebra 1	Algebra 1	Accelerated Geometry	Accelerated Algebra 2
<b>Year 2</b>	Geometry	Accelerated Geometry	Accelerated Algebra 2	Pre-Calculus
<b>Year 3</b>	Algebra 2	Accelerated Algebra 2	Pre Calculus	Calculus
<b>Year 4 Options</b>	Tech Math Pre-Calculus AP Statistics Statistics	Tech Math Pre-Calculus AP Statistics Statistics	Calculus AP Statistics	AP Calculus 2 AP Statistics

#### ALGEBRA 1

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Teacher recommendation

Algebra 1 is an introduction to the fundamental relationships between numbers and algebraic terms and properties. Topics include solving equations, simple to complex multiple systems, using exponents, factoring, and geometry are stressed in an overall environment of problem-solving through translation of problems into solvable equations. **A scientific calculator is strongly recommended.**

#### ACCELERATED ALGEBRA 2

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** "C" or above in Accel. Geometry or "A" in Geometry and teacher recommendation

This rigorous, accelerated course is intended to prepare students for Pre-Calculus. Students will review solving and graphing linear equations, inequalities, and systems. New content includes solving and graphing quadratic, exponential, logarithmic, polynomial, radical, and rational equations. Discrete mathematics topics, including sequences, series, and probability fill out this course's content. **A graphing calculator is required.**

#### GEOMETRY

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Successful completion of Algebra 1

This course is designed to teach the major concepts covered in a traditional geometry course without the rigor of deductive proof. Topics include the language and tools of geometry, line and angle properties, polygon properties, circles, transformation, area and volume, similarity, congruency, and right triangle trigonometry. **A ruler, compass, protractor, and scientific calculator are required.**

#### ALGEBRA 2

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** "C" or better in Geometry or teacher recommendation

Algebra 2 fulfills the math requirement for Oregon state colleges. Topics include: solving and graphing linear equations, inequalities and systems, also solving and graphing quadratics, exponential, logarithmic, polynomial, radical and rational equations. Discrete mathematics topics, including sequences, series, and probability. **A graphing calculator is required.**

#### ACCELERATED GEOMETRY

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** "B" or better in Algebra 1, teacher recommendation.

This rigorous course is the second year of the three-year math sequence. Accelerated Geometry develops logical thinking and reasoning with a richer understanding of practical measurement through the study of plane figures such as triangles, circles, and parallelograms. A component of Accelerated Geometry is proof writing that requires multi-step thinking. **A ruler, compass, protractor, and scientific calculator are required.**



# MATHEMATICS

## Course Offerings

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### TECHNICAL MATH

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** "C" or better in Algebra 2 or Accel. Algebra 2 / teacher recommendation

Technical Math, a bridge class between Algebra 2 and Pre-Calculus. Topics from Algebra 1, Geometry and Algebra 2 are enhanced and some trigonometry and pre-calculus topics are introduced. **A graphing calculator is required.**

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### PRE-CALCULUS

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** "C" or better in Tech Math, or Accel. Alg. 2, "B" or better in Alg. 2

Pre-calculus provides a solid theoretical foundation in rational, polynomial, logarithmic, exponential and trigonometric functions with an emphasis on numerical, algebraic and graphical modeling. **A graphing calculator is required.**

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### TRIGONOMETRY/ALGEBRA/GEOMETRY

**Prerequisite:** teacher recommendation

This course is designed for students who have two math credits completed in Algebra 1 and Geometry. It is designed for students who have not completed their third year math credit and need an alternative approach to feel confident in the key concepts and skills in Algebra, Geometry, Trigonometry, Statistics and Probability. The course will include Advanced Algebra state standards and these topics: functions, trigonometry, quadratics, area and volume, exponents and polynomials. Students successful in this course will be ready for Algebra 2, which is necessary to attend a four year college or university. A graphing calculator is strongly recommended.

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### STATISTICS

**Grades:** 11, 12

**Credit:** 1.0

**Prerequisite:** Algebra 2 or teacher recommendation.

This course is designed to provide students with an introduction to the basic essentials of statistics. Topics covered will include probability theory, binomial and normal distribution, estimation, and hypothesis testing. Students will learn the course concepts through hands-on experimentation and investigation. Links between statistics and real-world applications will be demonstrated. **A graphing calculator is required.**

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### ADVANCED PLACEMENT STATISTICS

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** "B" or better in Tech Math, Pre-calculus, or teacher recommendation from Algebra 2 or Accelerated Algebra 2

Advanced Placement Statistics is an introductory course that covers the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. This course prepares students for the Advanced Placement Statistics examination in May. Students planning to work in mathematics, social science, engineering, natural science, or computers will find this course beneficial. **A graphing calculator is required.**

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### ADVANCED PLACEMENT CALCULUS 1

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** "B" or better in Pre-calculus, teacher recommendation

Advanced Placement Calculus 1 covers selected topics in differential and integral calculus including limits, continuity, motion, graph analysis, optimization, numerical methods and an introduction to differential equations. Concepts are presented from numerical, graphical and symbolic perspective. This class prepares students for the Advanced Placement Calculus (AB level) examination in May. **A graphing calculator is required.**

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### ADVANCED PLACEMENT CALCULUS 2

**Grade:** 12

**Credit:** 1.0

**Prerequisite:** AP Calculus 1

Advanced Placement Calculus 2 topics include infinite sequences and series, improper integrals, slope fields, Euler's method, logistic growth, vectors in three space, and introduction to differential equations. Students may choose to take the College Board's AP Calculus exam (BC level) in May. **A graphing calculator is required.** NOTE: Depending on enrollment, Advanced Placement Calculus 2 may be offered at only a single district high school.



# MUSIC

## Course Offerings

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### SYMPHONIC BAND

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Teacher approval by audition only

This is the highest level instrumental performing group in the school. Transfer students will be auditioned and placed according to the director's judgment. Private lessons are encouraged. Students should have their own instrument. A few of the larger, more expensive instruments are provided by the school for a small yearly rental fee. This is a performing class with performances during and after school. Any student taking this class should expect to attend mandatory performances and occasional rehearsals on evenings and/or weekends. **This class includes summer rehearsals and an annual Band Camp scheduled in August. Auditions will be held in May.**

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### CONCERT BAND

**Grade:** 9, 10, 11, 12

**Credit:** 0.5 (Spring)

**Prerequisite:** Teacher recommended

This course is designed for students who need additional development and technique before moving into Symphonic Band and have shown an interest in and dedication to instrumental music. **Any student wanting to learn band instruments need only teacher approval to sign up for Concert Band, no previous experience is required.** Some time is spent in musical activities and performances outside of class. Student participation in these activities is mandatory. Private lessons are encouraged. Opportunities for solo and ensemble experience also are provided. Students are expected to participate in required performances. **Students should have their own instruments. A few of the larger, more expensive instruments are provided for students for a small yearly rental fee. This class includes summer rehearsals and an annual Band Camp scheduled in August.**

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### JAZZ BAND

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Teacher approval; must be enrolled in band

Jazz Band is an instrumental course designed to study and perform styles of music native to American popular music. Membership in the Symphonic or Concert Band is required for wind instruments and drum set. Electric Bass, piano, and electric guitar will be auditioned from non-band members if no band members are available to play them. Electric Bass and guitar players need to own their instrument and be able to read chord figures and written music without tabs. This is a performance based class with performances during and after school. Students enrolled in Jazz Band should expect to attend mandatory performances and occasional rehearsals on evenings and/or weekends. **This class meets during '0' period. Auditions will be held in May.**

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### MUSIC-PERCUSSION

**Grade:** 9, 10, 11, 12

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** Teacher Approval

This course will enhance the percussion section in marching band, pep band, concert band, and symphonic band. The drum line will rehearse marching cadences, percussion techniques, rudiments, and mallet instruments.

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### ADVANCED PLACEMENT MUSIC THEORY

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Teacher approval and concurrent enrollment in Concord or Symphonic Band

This class is for experienced musicians who are interested in a more in-depth study of music theory, and ear training history. Advanced music knowledge will be developed through classroom lecture, individual projects, and computer technology. Students will compose, arrange, or transcribe a piece of music in the fall that may be used as a senior project. Students will be prepared to take the Advanced Placement Music Theory exam in the spring.



# MUSIC

## Course Offerings

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### TIDE ENSEMBLE (Men's)

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Basic ability to sing

Tide Ensemble is a choir for young men. Emphasis is placed on teamwork and developing basic vocal technique and musicianship in preparation for, and as a pre-requisite to "Concord." A wide variety of choral music is studied and performed at required concerts, festivals, and special performances throughout the year. All students with a basic ability to sing are welcome to register for this class. Students interested in participating as a piano accompanist should contact the instructor or go through their counselor.

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### CONCORD CHOIR

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Tide Ensemble/Crimson Ensemble and Vocal/Sight Reading Audition

Concord is Glencoe's premier group for experienced choral students with developed vocal and sight reading skills. Emphasis is placed on teamwork and developing advanced vocal technique and musicianship. A wide variety of choral music is studied and performed at required concerts, festivals, and special programs throughout the year. Those students interested in auditioning as a singer or piano accompanist should contact the instructor directly.

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### GUITAR 1

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** None

This course is for the beginning guitar student. Chord theory, note reading, basic strum patterns, picking patterns, lead patterns, and ensemble playing will be the focus. The basic knowledge and skill developed in this class will enable the student to begin to explore guitar music styles that interest them. There will be group class time when all students work together, and time for individual and small group project work. Guitars will be provided for students to play during class. It is recommended that students provide their own guitar for practice at home. Each student will need to purchase a required guitar method book at the beginning of the course.

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### CRIMSON ESEMBLE (Women's)

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Basic ability to sing

Crimson Ensemble is an ensemble for young women. Emphasis is placed on teamwork and developing basic vocal technique and musicianship in preparation for, and as a pre-requisite to "Concord." A wide variety of choral music is studied and performed at required concerts, festivals, and special performances throughout the year. All students with a basic ability to sing are welcome to register for this class. Students interested in participating as a piano accompanist should contact the instructor or go through their counselor.

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### VOCAL ENSEMBLE

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Concurrent enrollment in Concord and teacher approval

Vocal Ensemble is a performing ensemble for experienced choral musicians. Advanced choral/vocal literature for the small ensemble is studied and performed in school concerts, festivals, and special performances for community organizations. Those students interested in auditioning as a singer or piano accompanist should contact the instructor directly. **Auditions will be held in May.**

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### GUITAR 2

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Guitar 1 or proficiency

This course is for all students who have completed Guitar 1. Advanced chord theory, note reading, strum and patterns, lead patterns and ensemble playing will be the focus. There will be both class work and individual work. Students will work as a class on performance and skill projects to develop required skills. They will also work on individual performance and skill projects that focus on their own chosen guitar styles and interests. Guitars will be provided for students to play during class. It is recommended that students provide their own guitar for practice at home. Each student will need to purchase a required guitar method book at the beginning of the course.



# PHYSICAL EDUCATION

## Course Offerings

After basic developmental and skill work at the freshman and sophomore level, the student is invited to participate in a lifetime sports program. Emphasis is placed upon personal physical fitness and lifetime sports. **No more than two PE classes may be taken per semester.**

All courses offered by the Hillsboro School District are co-educational except those that involve physical contact as defined by Title IX guidelines. There is a towel fee of \$4 per Physical Education class with a maximum of \$8 per year, per student.

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### PHYSICAL EDUCATION 1

**Grade:** 9

**Credit:** 0.5

**Prerequisite:** None (required class)

Students will be introduced to positive personal fitness attitudes. The focus is developing lifelong fitness activities. These activities will include personal fitness, as well as dual and team sports depending on individual facilities. Besides physical activity, students will have writing expectations as well.

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### PHYSICAL EDUCATION 2

**Grade:** 10

**Credit:** 0.5

**Prerequisite:** None (required class)

Students will be encouraged to develop positive personal fitness. Activities will include aerobic as well as anaerobic activities. In addition to personal fitness, students will engage in various lifetime carry-over activities. Students will be asked to make some choices and select from various team sport activities and dual/individual activities to present opportunities for social development.

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### AEROBICS

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None, Elective only, *This course does not fulfill PE requirements.*

This course is recommended for students who are serious about getting into good physical condition. Cardiovascular endurance, muscular toning, flexibility, and agility will be stressed. This class will include step aerobics, floor aerobics, kick-boxing, and routines set to music. Academic curriculum content is included.

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### CONDITIONING FOR FITNESS

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None, Elective only, *This course does not fulfill PE requirements.*

This course is recommended for students who want a lifelong fitness routine of walking, jogging, circuit training, and aerobic exercising. The cardiovascular system, specific muscular toning, and agility will be included. Developing speed and quickness will be a major focus of this class. Boys as well as girls are encouraged to take this class.

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### TEAM SPORTS

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None, Elective only, *This course does not fulfill PE requirements.*

Activities will include: fleet-ball, basketball, softball, volleyball, and recreational games (indoor soccer, etc.). Sports conditioning, including aerobic conditioning, flexibility, and agility, will also be included.

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### BASIC STRENGTH TRAINING AND CONDITIONING

**Grade:** 9, 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None, Elective only, *This course does not fulfill PE requirements.*

This course is recommended for students who wish to achieve a high level of physical development through weight training, running, flexibility and agility work, and testing. The weekly structure will be a daily weight program of required lifts, auxiliary lifts, and body workouts. We will be using a systematic approach to weight lifting and establishing new maximum lifts regularly. Muscular exercise and physical endurance will be discussed and demonstrated. This class is recommended only to those students who are self-motivated to work hard at training with weights.

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### ADVANCED STRENGTH TRAINING, SPEED AND AGILITY

**Grade:** 10, 11, 12

**Credit:** 0.5

**Prerequisite:** At least a "C" in Basic Strength Training. Students must be in excellent physical shape to withstand the physically demanding exercises and lifts they will learn during this course (the instructor reserves the right to remove students who may be a safety risk.) Elective only, *This course does not fulfill PE requirements.*

This course is a continuation of the Strength Training and Conditioning class. The Advanced course focuses on functional strength training movements and exercises for those students who want to improve their lateral and linear speed, jumping ability, strength, flexibility, and overall power.



# SCIENCE

## Course Offerings

In order to prepare to fulfill the science requirements and meet the state standards by Grade 10, students are required to enroll in either Biology or Honors Biology in Grade 9.

### Requirements By Grade Level

Grade Level	General Studies	Science Focus
Grade 9	Biology	Honors Biology
Grade 10	Chemistry or Physical Science	Accelerated Chemistry or Physics
Grade 11 and 12	Accelerated Chemistry Physics Anatomy & Physiology Science Electives (Astronomy, Marine Biology, and Forensic Science)	Physics AP Biology AP Environmental Science AP Chemistry AP Physics (math level requirement) Science Electives (Astronomy, Marine Biology, and Forensic Science)

#### **BIOLOGY**

**Grade:** 9

**Credit:** 1.0

**Prerequisite:** None

Biology is a lab-oriented course that covers the state standard concepts in biochemistry, cells, genetics, DNA technology, evolution and ecology. Students will use current technology to study the living world, and patterns of inheritance. This is a full-year course that requires an independent, inquiry-based science project.

#### **HONORS BIOLOGY**

**Grade:** 9

**Credit:** 1.0

**Prerequisite:** Successful completion of Algebra 1

Honors Biology is a challenging study of life science with a focus on laboratory work and student research. Course content includes cell theory, biochemistry of nucleic acids, organizational and taxonomical patterns in living things, genetics, and regulatory processes that control and coordinate life functions. Relationships and interactions of organisms and the environment are explored. All students will be required to complete a research project as part of the course.

#### **ADVANCED PLACEMENT BIOLOGY (Offered 2012-13 school year)**

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Biology and Chemistry or teacher recommendation

Advanced Placement Biology is designed for students interested in majoring in science in college. It is a rigorous course that places its emphasis on molecular and cellular biology, anatomy and physiology of plants and animals, genetics, chemistry, ecology, evolution and organic chemistry, plus required labs. The student who enrolls in this course should have superior study habits and excellent attendance.



# SCIENCE

## Course Offerings

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### CHEMISTRY

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Algebra 1

Students learn about the modern world in which chemicals play an important role. Societal issues relating to chemistry, the environment, and problem solving are emphasized. Laboratory activities build on concepts developed throughout the course. Chemical resources, carbon based chemistry, nuclear chemistry, aqueous chemistry and other topics are covered. Chemistry is a college preparatory course. ***Students interested in going into medical or engineering fields or the sciences should take Accelerated Chemistry.***

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### ANATOMY & PHYSIOLOGY (Human Biology)

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Biology and "C" or better in Chemistry

Human Biology is a lab-based study of the human body. It is designed for students interested in medical, health, or fitness related careers. An optional field trip to a surgery presentation is part of the course. Students will receive one science credit by successfully completing this course. Anatomy and Physiology is a part of the Health Services Focused Program of Study but may be taken separately for science credit. Students wishing to complete their Focused Program of Study must concurrently enroll in Health Services 1.

Supplies will be provided for those who cannot afford student costs. See your counselor.

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### ACCELERATED CHEMISTRY

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Completed or concurrent Algebra 2

This is a college-preparatory course for students interested in engineering, scientific, or medical careers. Accelerated Chemistry deals with many of the modern theories of chemistry. Some of these include quantum theory, bonding theory, kinetic theory, acid-base theories, and oxidation-reduction theory. The unifying thread of the course is the development of the atomic model. An approach to solving problems is developed at the beginning of the course. This approach is useful in other areas of study. Descriptive chemistry is taught through laboratory work and demonstrations. A scientific calculator is recommended. An independent project is required. Demonstration of application-level learning is strongly encouraged.

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### PHYSICS

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** "C" or better in Geometry

Rockets, robots, tennis ball cannons, bungee jumping eggs, and laser shoots are all projects that we will do in Physics. Physics focuses on providing students with a strong conceptual understanding of the physical universe and the interaction of matter and energy. Emphasis will be on how these physical laws affect everyday life. The topic study will include mechanics (forces, motion and energy), waves (including sound and light), and electricity and magnetism. Mathematics will be used in this course, but the emphasis is on the underlying concepts in physics. This course is laboratory based and will also include practical applications of physics during the bridge building and robot projects. This course is designed for the college bound student who has a general curiosity about the topics listed above or science in general. It may also be taken as preparation for Advanced Placement Physics. Students interested in a career in fields of science or engineering should take Advanced Placement Physics.

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### ADVANCED PLACEMENT CHEMISTRY (Offered 2013-14 school year)

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Accelerated Chemistry and Algebra 2 with a grade of "B" or better.

This course is designed for the college-bound student with a strong interest in science or in pursuing a career in chemistry, chemical engineering, biology, pre-med, or other related science fields. This course will include an in-depth overview of inorganic chemistry topics in addition to the study of thermodynamics, reaction kinetics, oxidation-reduction reactions, chemical equilibrium, electrochemistry, and qualitative analysis. All topics will be reinforced with laboratory experience. Students are strongly encouraged to take the Advanced Placement Chemistry examination offered by the College Board in May. For satisfactory performance on the Advanced Placement test, students could receive college, or lab credit at most universities.

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### ADVANCED PLACEMENT PHYSICS (Offered 2012-13 school year)

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Concurrent enrollment in Calculus or instructor approval

This course is designed to provide a firm foundation in physics for students intending to emphasize science in their college or university education. The topics of mechanics, electricity, and magnetism will be studied in-depth. Students will have the opportunity to take the Advanced Placement Physics test in the spring. Calculus is utilized throughout the course to solve physics applications.



# SCIENCE

## Course Offerings

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### FORENSIC SCIENCE

**Grade:** 10, 11, 12

**Credit:** 0.5

**Prerequisite:** Biology

Forensic science looks into the scientific techniques used to provide evidence in criminal investigations. A multi-disciplinary perspective to the study of forensic science addresses viewpoints from fields such as chemistry, biology, physics, criminology and toxicology. Analysis and evaluation of physical evidence collected to solve investigations is not limited to assault and murder cases, but also includes environmental hazards and accidents, and establishment of identity for paternity or insurance purposes.

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### ASTRONOMY

**Grade:** 10, 11, 12

**Credit:** 0.5

**Prerequisite:** "C" or better in Geometry

This course is a one-term elective science course that will introduce students to many of the basic concepts of modern astronomy. These concepts include stellar classification and spectroscopy; solar system and planetary motion; stellar evolution and nuclear fusion; methods and tools used in the collection of astronomical data; low-energy and high-energy objects in our universe and electromagnetic radiation. This course emphasizes the concepts, laws, and theories of physics that allow us to better understand the nature of astronomical phenomena.

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### MARINE SCIENCE

**Grade:** 10, 11, 12

**Credit:** 0.5

**Prerequisite:** Biology

This one-term course is designed for students who are interested in Marine Science and Oceanography. This course will cover topics such as marine plants (including seaweed and beach plants) animals (from the microscopic plankton to whales and dolphins) the geology of the ocean (including the ocean floor, coasts and reefs), and the climate of the ocean. In addition, students will study the interdependence in the ocean, as well as conservation of marine resources.

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### ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE (Offered 2013-14 school year)

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Biology, Chemistry, Algebra 1

AP Environmental Science is a year-long course designed to be the equivalent of a one semester, introductory college course in environmental science. Environmental science is interdisciplinary; it includes a wide variety of topics from different areas of study including biology, chemistry, earth science, social sciences, and politics. Topics of study will include Earth's Systems, Human Population Dynamics, Natural Resources, Environmental Quality, Global Changes, and Environment and Society. There will be a strong lab and field study component to this course. Through the course students will analyze and understand the interrelationships between humans and the natural environment, and how to make those relationships more sustainable.

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### PHYSICAL SCIENCE

**Grade:** 10

**Credit:** 1.0

**Prerequisite:** Biology

Physical Science is an inquiry based course focusing on concepts related to physics, chemistry and earth-space science. Guided by the Oregon State Standards students will investigate motion, forces, the nature and composition of matter and energy and the changes they undergo in our earth-space system. Students will explore natural and technological aspects of the atmosphere, geosphere, and hydrosphere along with the impact of human activity on these systems with a focus on designing independent science and engineering research projects.



# SOCIAL SCIENCE

## Course Offerings

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### WORLD STUDIES

**Grade:** 9

**Credit:** 1.0

**Prerequisite:** None (required class)

This course examines history and geography to explain the political, economic, and social developments of the modern world, with an emphasis on European history. Topics for the course are organized around the following themes: Imperialism, Colonialism, Nationalism, and Revolution. Emphasis is placed on summarizing, note taking, and essay writing.

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### SOCIOLOGY

**Grade:** 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None

Sociology means the study of society. It is concerned with groups and with actions of individuals within groups. In this course students pursue an analysis of the nature and structure of society. Students will study the way sociologists perceive society; the process of becoming a social being; the way society is organized; the nature and structure of social institutions; and the study of race relations and gender roles. As a result of this course, it is hoped students will see the need for an understanding of the forces within society and these influences on our behavior.

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### YOU AND THE LAW

**Grade:** 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None

This course will explore the dimensions of civil and criminal laws, current legal trends, and constitutional interpretations as they apply to individual rights. In addition, students will discover how social class, race, gender, hierarchy, definitions of deviance, and classes of criminal and civil offenses influence what happens to people. Students will learn how people behave and how they relate to those institutions set up to service the public. Mock trials and applications of scientific methodology give this class a "hands-on" approach. This elective is a great supplement to the SEAL Program.

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### AMERICAN STUDIES

**Grade:** 10

**Credit:** 0.5

**Prerequisite:** None (required class)

This course will examine the causes, characteristics, and impact of the political, economic, and social developments in the history of the United States from 1900-1945. Topics will include: Progressive Reform, World War 1, 1920's, the Great Depression, New Deal, and World War II.

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### MODERN AMERICA AND THE WORLD (1945-Present)

**Grade:** 11

**Credit:** 0.5

**Prerequisite:** None (required class)

This course will examine the post-World War II history of the United States in the larger context of world events. Topics will include the Cold War and its aftermath, international issues and policies, human rights struggles, and revolutionary movements.

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### ADVANCED PLACEMENT HUMAN GEOGRAPHY

**Grade:** 10, 11, 12

**Credit:** 1.0 Social Studies elective credit

**Prerequisite:** Recommendations of 9th grade World Studies teacher or most recent Social Studies teacher required.

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students will employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They will also learn the methods and tools geographers use in their science and practice. This course is recommended for self-directed and college bound students. Students who pass the Advanced Placement examine may receive college credit for the course.

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### SOCIAL SERVICES, EDUCATION & LAW 1 (SEAL 1)

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** None

This program will focus on the social aspects of human resources within our society. The curriculum will link knowledge of education, psychology, sociology, law, the family, and the individuals to better understand and serve our various cultures. Students interested in the following careers will benefit from this course: K-12 education, law enforcement, legal services, sociology, counseling/psychology or any other social services.

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### SOCIAL SERVICES, EDUCATION & LAW 2 (SEAL 2)

**Grade:** 12

**Credit:** 1.0

**Prerequisite:** 'C' or better in SEAL 1

SEAL 2 builds upon the foundations of the SEAL 1 program with in-depth analysis of the professions involved in education and the creation and enforcement of laws. Students will learn about employment opportunities and responsibilities in education, psychology, law and law enforcement, government and economics. Enrollment is limited to those who have been admitted to the SEAL Program. The Senior Project will be completed through SEAL 2. ***This course meets the requirement for People and Politics and Economics.***



# SOCIAL SCIENCE

## Course Offerings

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### ADVANCED PLACEMENT U.S. HISTORY

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Either A or B in Advanced American Studies or recommendation of World Studies and Language Arts Teacher

Advanced Placement United States History is a challenging class designed to be the equivalent of a freshman college course. This survey of U.S. history covers the period of 1492 to the present, and requires extensive reading and study. Students will be reading an average of 30 to 40 pages of a college-level textbook per week, as well as supplementary articles, book excerpts, and primary source documents. Solid reading and writing skills, along with a willingness to devote at least one hour per night to homework and study, are necessary to succeed. Emphasis is placed on critical thinking skills, essay writing, interpretation of historical documents and historiography. Course work and assessment are designed to enhance student preparation for the College Board's Advanced Placement US History Exam in May. ***This course fulfills the U.S. History requirement for graduation.***

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### PSYCHOLOGY

**Grade:** 10, 11, 12

**Credit:** 0.5

**Prerequisite:** None

The emphasis in this course is on the study of human behavior. Why do we act or behave the way we do? The course explores such topics as learning, memory, personality, emotions, and mental illness.

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### ECONOMICS

**Grade:** 12

**Credit:** 0.5

**Prerequisite:** None (required class)

This course is designed to provide the student with a basic understanding of both the principles and concepts of micro and macroeconomics. The major topics include scarcity, supply and demand, the price mechanism, comparative economic systems, inflation, unemployment, the business cycle, national income analysis, the Gross Domestic Product, monetary and fiscal policy, and international trade.

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### ADVANCED PLACEMENT GOVERNMENT

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Teacher Approval

A highly advanced course for accelerated college-bound seniors. The course will explore in depth the institutions, people, and laws that make up the American government. Specific topics will include the three branches of government, political ideology, voting and voting behavior, campaigns, the role that the media plays in a democratic society, and the government's role in the U.S. economy. Extensive reading from a college text and selected historic works will be required. Outside research and writing will be ongoing. Expect thorough discussions, detailed analysis, and complete examination of the U.S. Government from a historical and contemporary point of view. Students who pass the Advanced Placement exam may receive college credit for the course. ***Students who successfully complete Advanced Placement Government will receive full credit for their senior social studies requirement. Summer Assignment required.***

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### PEOPLE AND POLITICS

**Grade:** 12

**Credit:** 0.5

**Prerequisite:** None (required class)

People and Politics focuses on how people are involved in the American political process. It examines the historical foundations of the United States, how government is organized and how it functions. Topics include citizen participation, Individual rights, political parties, campaigns, and local, state, and national government. Student participation in a variety of classroom and political activities are a strong emphasis of this course.

---

### ADVANCED AMERICAN STUDIES

**Grade:** 10

**Credit:** 1.0 (0.5 Social Studies/0.5 Elective)

**Prerequisite:** Recommendation of 9th grade World Studies teacher required.

It will be fast-paced and will cover topics in greater depth by incorporating higher level literature and coursework. The course will thematically examine the causes, characteristics, and impact of political, economic, and social developments in the history of the United States and modern societies throughout the world from the Revolution era through World War II. This course will meet and exceed state curriculum requirements through more detailed studies of various world cultures within each theme of American history. Recommended for self-directed and college bound students. **Advanced American Studies should be taken if the student intends to take AP US History.**



# SPECIAL EDUCATION

## Course Offerings

The Hillsboro School District provides a continuum of educational programs and services for students who qualify under Individuals with Disabilities Education Act (IDEA). Our mission is to promote academic and social potential by providing educational experiences in the least restrictive environment that leads to productive citizenship, while meeting the needs of a culturally, linguistically, and intellectually diverse student population. The District emphasizes collaboration between and provides support for parents, general education staff, and special education staff to ensure that the individual needs of the student are met. The Hillsboro School District emphasizes ongoing instructional improvement in special education and is committed to evaluation, identification, and implementation of the best practices to ensure student success.

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### LANGUAGE ARTS CONCEPTS & APPLICATIONS-M

**Grade(s):** Suggested for 9, 10, 11

**Placement Criteria:** IEP Team Decision

**Credit:** 1.0 Language Arts Core Credit toward a Modified Diploma or elective credit toward a Standard Diploma

This course is designed for students who need systematic and thorough instruction in writing, reading, organization, and speaking and listening. Throughout the course, students will practice sentence and paragraph structure, basic phonemic awareness, reading for literal comprehension, and building good study habits. Students will practice specific writing and reading techniques, such as: word recognition and spelling, vocabulary and morphology, grammar, and usage. Students may repeat this course at different levels based on instructional need and instructor recommendations.

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### ADVANCED LANGUAGE ARTS CONCEPTS & APPLICATIONS-M

**Grade(s):** Suggested for 9, 10, 11

**Placement Criteria:** IEP Team Decision

**Credit:** 1.0 Language Arts Core Credit toward a Modified Diploma or elective credit toward a Standard Diploma

This course is designed for students who have completed the first course (above). It will review the basic skills taught in their language arts concepts and applications class and then move quickly into more advanced writing skills, literary forms, speaking and listening skills, and organizational skills. During the term, the class will be reading a novel and practice identifying foreshadowing, plot map elements, and making predictions.

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### LITERACY-M

**Grade(s):** Suggested for 9, 10, 11

**Placement Criteria:** IEP Team Decision

**Credit:** .5 - 1.0 Elective Credit toward Standard or Modified Diploma

This course is designed for students who need direct and intensive instruction in the core components of reading. This course will focus on improving students' ability to decode text accurately and fluently, increasing word knowledge through vocabulary development and developing a general understanding of literal and informational text. **This class must be taken concurrently with Language Arts Concepts and Ap-**

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### APPLIED LANGUAGE ARTS-M

**Grade(s):** 11, 12

**Placement Criteria:** IEP Team Decision

**Credit:** 1.0 Language Arts Core Credit toward Modified Diploma

This course is designed to teach students practical reading, writing, speaking and listening skills to prepare students for life after graduation. It will cover such skills as personal and functional writing, reading for information and enjoyment, and interpersonal skills. **This course, along with Careers and World of Work, will address Senior Seminar requirements for special education students working towards a modified diploma.**

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### MATH CONCEPTS & APPLICATIONS 2-M

**Grade(s):** Suggested for 9,10

**Placement Criteria:** IEP Team Decision

**Credit:** 1.0 Math Core Credit toward Modified Diploma or elective credit toward Standard Diploma

This course is designed for students who have completed Math Concepts and Applications 1-M. The course will include review of basic arithmetic operations but will move quickly into more advanced work with decimals, percents, fractions, measurement, statistics and probability, and geometry. Throughout the course, students will use rounding and estimation to predict answers and check for "reasonableness" of answers, and will learn to use a variety of problem-solving techniques.



# SPECIAL EDUCATION

## Course Offerings

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### CONTENT AREA STRATEGIES 1-M, 2-M

**Grade(s):** Suggested for 9, 10, 11, 12

**Placement Criteria:** IEP Team Decision

**Credit:** 1.0 Elective Credit toward a Standard Diploma

This course is designed as a support to be taken concurrently with a general education English, Science, Health and/or Social Studies. It will provide direct instruction and guided practice in reading comprehension of informational and literary text (literal and inferential comprehension). Instruction will also focus on the development of paragraph and essay writing skills, to include research and technical writing. Study skills relevant to content area classes will be taught.

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### MATH FOR CONSUMERS & CITIZENS-M

**Grade(s):** 11, 12

**Placement Criteria:** IEP Team Decision

**Credit:** 1.0 Math Core Credit toward Modified Diploma

This course is designed to prepare students to use math as consumers and citizens. The units will cover a wide range of consumer topics including employment compensation, benefits, employment taxes, comparison-shopping, budgeting, banking, investing, and use of credit.

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### FOUNDATIONS FOR THE FUTURE 1-M

**Grade(s):** Suggested for 9

**Placement Criteria:** IEP Team Decision

**Credit:** 0.5 elective

This course is designed for students who need to learn about personal strengths and weaknesses, to set goals, and develop skills that will help them make good decisions and become more successful students. In the units, students will gain knowledge of their best personal learning style(s), learn how to improve their organizational and time management skills, test-taking strategies, and personal interactions in school.

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### CAREERS-M

**Grade(s):** Suggested for 11

**Placement Criteria:** IEP Team Decision based on transition needs

**Credit:** 0.5 elective

This course is designed for students who need to assess skills and interests, explore career options, and learn how to develop a plan to achieve their post-high school goals. In the units, students will complete career interest inventories and explore careers and entry level requirements through a variety of activities. **This course, along with Applied Language Arts and World of Work, will address Senior Seminar requirements for special education students working towards a modified diploma.**

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### MATH CONCEPTS & APPLICATIONS 3-M

**Grade(s):** Suggested for 9, 10

**Placement Criteria:** IEP Team Decision

**Credit:** 1.0 Math Core Credit toward Modified Diploma or elective credit toward Standard Diploma

This course will include review of rational numbers but will move quickly into working with algebraic expressions. Throughout the course, students will use a variety of problem solving techniques and be prepared to enter Algebra 1.

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### FOUNDATIONS FOR THE FUTURE 2-M

**Grade(s):** Suggested for 10

**Placement Criteria:** IEP Team Decision based on transition needs

**Credit:** 0.5 elective

This course is designed for students who need to learn about problem-solving, self-advocacy and personal awareness to become more successful students. In the units, students will gain knowledge of their strengths and weaknesses, personal disability, and how to speak up for themselves in a school setting. Students will practice developing communication and decision making skills.

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### WORLD OF WORK-M

**Grade(s):** Suggested for 12

**Placement Criteria:** IEP Team Decision based on transition needs

**Credit:** 0.5 elective

This course is designed for students who need to develop knowledge and skills required for successful employment. In the units, students will look how and where to find job openings and develop the skills necessary to get and keep a job. Modified Diploma students may fulfill their Senior Seminar requirements through this course. **This course, along with Applied Language Arts and Careers, will address Senior Seminar requirements for special education students working towards a modified diploma.**



# SPECIAL EDUCATION

## Course Offerings

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### **TRANSITIONS-M**

**Grade:** 12

**Placement Criteria:** IEP Team Decision based on transition needs

**Credit:** 0.5 elective

This course is designed for students who experience a disability in being prepared to enter post-secondary education. In the units, students will learn about general and specific college requirements and processes, the differences between high school and college, how the law changes from high school to adult settings (IDEA vs. ADA), and how to access college disability services.

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### **WORK EXPERIENCE CLASS-M**

**Grade:** 10, 11, 12 (May be repeated.)

**Placement Criteria:** IEP Team Decision

**Credit:** 0.5 elective

This course is designed for students who need a more structured and supervised work environment in work-related skills designed to develop foundation work habits and work communication skills. Students will learn what is expected in a work setting in a hands-on environment.

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### **WORK EXPERIENCE ON CAMPUS-M**

**Grade:** 10, 11, 12 (May be repeated.)

**Placement Criteria:** IEP Team Decision

**Credit:** 0.5 elective

This course is designed for students who are ready for a more independent work environment and have shown initial development of foundation work-related skills. On campus work experiences are designed to further develop work habits and work communication skills. Students will learn what is expected in a work setting in a hands-on environment.

---

### **WORK EXPERIENCE OFF CAMPUS-M**

**Grade:** 11, 12 (May be repeated.)

**Placement Criteria:** Must be pre-approved by Transition Facilitators

**Credit:** 0.5 elective

This course is designed for students who have demonstrated good work habits and work communication skills on campus and are ready to move to a more independent work setting. Off-campus work experiences are designed to further develop work habits and work communication skills in a community setting.



# WORLD LANGUAGES

## Course Offerings

Hillsboro School District students may earn required and/or elective credit for their life experiences, including work, by showing mastery or competency which demonstrates equivalent knowledge or skill. In order to earn credit the student will be required to provide samples of work, documentation, and/or evidence of learning, and to present this evidence to a panel. A student may take a District approved World Language proficiency assessment to receive world language credit. Opportunities are provided in addition to regular coursework at each school during the year and as an optional summer school experience. For more information or to apply for a proficiency-based credit opportunity, please see your counselor.

### TO THE STUDENT:

Before registering for a world language class, please be aware of the following facts.

1. You do **NOT** need a world language class to graduate from high school or enroll in a community college.
2. You need two years of the same world language to enroll in a four-year college.
3. Every day, you should devote 15-20 minutes to review vocabulary after your homework is finished.
4. You will be required to memorize many vocabulary words, write, and speak in class.
5. No one world language is easier than the others. They all require effort to learn.
6. World language classes are college preparatory classes. They are for students who are seriously interested in attending a four-year college and who are willing to devote the time to study and be successful.

---

### FRENCH 1, GERMAN 1, SPANISH 1

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Incoming freshmen who have at least a 2.75 GPA in the 8th grade.

Students will acquire basic tools and simple vocabulary. Students will be working toward a beginning level of language proficiency in speaking, listening, reading and writing.

---

### FRENCH 2, GERMAN 2, SPANISH 2

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Demonstrate proficiency at level 1 and earn a "C" or better at that level.

Students will continue to increase their level of communicative proficiency. Students will increase vocabulary and knowledge of grammatical structures.

---

### FRENCH 3, GERMAN 3, SPANISH 3

**Grade:** 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Demonstrate proficiency at level 2 and earn a "C" or better at that level.

Students will continue to develop reading and writing skills. Student proficiency will increase through producing conversations, skits and real-life situations.

---

### FRENCH 4, GERMAN 4, SPANISH 4

**Grade:** 11, 12

**Credit:** 1.0

**Prerequisite:** Demonstrate proficiency at level 3 and earn a "C" or better at that level.

Students will continue to develop language proficiency skills. Students may read short stories, a short novel, and translate newspaper and magazine articles. There will be discussions and emphasis on reading and writing at a higher level.

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### FRENCH 5, GERMAN 5, SPANISH 5

**Grade:** 12

**Credit:** 1.0

**Prerequisite:** Demonstrate proficiency at level 4 and earn a "C" or better at that level.

Students will advance their proficiency skills. Students will develop competence in impromptu speaking. Students may prepare for and may take the Advanced Placement exam.



# ON CAMPUS SUPPLEMENTAL OPPORTUNITIES

## Course Offerings

*A variety of options are available through the Hillsboro School District to assist in individualizing programs to meet the needs and interests of students. Some options are available at the school site and others are at different locations. Contact your counselor for further information and eligibility requirements regarding all programs listed.*

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### PEER TUTOR

**Grade:** 11, 12

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** Staff approval

Tutors and peer mediators are assigned to a course or an individual student to provide special assistance. They work on a one-to-one basis, in small groups or with whole classes. Applications must be approved by a cooperating teacher. See the counselor.

---

### LEADERSHIP

**Grade:** 9, 10, 11, 12

**Credit:** 1.0

**Prerequisite:** Elected or appointed to a student government office. Required for all officers and teacher approval.

This course is to teach, train and develop within students the behaviors of good leadership. Time is provided for planning, preparation, and evaluation of activities. The basic skills of committee organization, parliamentary procedure, goal setting, decision making, time management, and all aspects of program planning are included.

---

### TEACHER AIDE/OFFICE AIDE

**Grade:** 9, 10, 11, 12\*

**Credit:** 0.5 (May be repeated.)

**Prerequisite:** Staff and administrative approval; must be in four regular classes and have a 2.0 GPA the previous semester.

Aides become involved in a variety of learning experiences. Students may work with and assist teachers in a variety of ways, work in counseling, attendance and administration offices, assist in the library and in many other capacities on the campus. Aides participate in their activity as scheduled. Students are required to obtain a teacher's signature approving them as an aide and attach it to the forecasting sheet. See your counselor.

*\*Only seniors may forecast for Teacher or Office Aide in the Spring. All other students must wait until after school starts.*

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### INDEPENDENT STUDY

**Grade:** 11, 12

**Prerequisite:** Parent, teacher, and administrative approval.

This is an opportunity to work in any curriculum area on your own. Activities might include reading, writing, listening, creating, building, participating, or lab experiments. Independent Study should be advanced work growing out of a classroom assignment.

---

### AVID

**Grade:** 9, 10, 11

**Credit:** 1.0

**Prerequisite:** Students must apply to the program and interview for acceptance to the class.

AVID is an academic skills building class. It is for students interested in a rigorous curriculum that leads to a college preparatory path. Students who elect, interview, and are selected to be in AVID will participate in bi-weekly binder checks and daily supervised tutorial sessions with a group of their peers. Over the course of the school year, they will engage in academic assignments that emphasize writing and reading skills as well as research skills, including college research activities and SAT and ACT test preparation. AVID's systematic approach increases students' chance for success in four-year colleges while supporting school-wide/district-wide learning and performance goals.



# ON CAMPUS SUPPLEMENTAL OPPORTUNITIES

## Course Offerings

*A variety of options are available through the Hillsboro School District to assist in individualizing programs to meet the needs and interests of students. Some options are available at the school site and others are at different locations. Contact your counselor for further information and eligibility requirements regarding all programs listed.*

---

### PROFICIENCY-BASED CREDITS/ OPPORTUNITIES

Hillsboro School District students may earn required and/or elective credit for their life experiences, including work, by showing mastery or competency which demonstrates equivalent knowledge or skill. In order to earn credit the student will be required to provide samples of work, documentation, and/or evidence of learning and to present this evidence to a panel. A student may take a District approved Second Language proficiency assessment to receive second language credit. Opportunities are provided in addition to regular coursework at each school during the year and as an optional summer school experience. For more information or to apply for a proficiency-based credit opportunity, please see your counselor.

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### COLEGIO DE BACHILLERES

Grade: 10, 11, 12

Credit: Varies

Prerequisite: Successful completion of elementary and middle school, and 9th grade.

The “Colegio de Bachilleres” program is an online alternative program delivering Spanish language web-based curriculum, which aligns to the State of Oregon’s course content requirements. The curriculum includes general academic content subject areas, as well a variety of elective courses. The “Colegio de Bachilleres” program also provides Spanish language resources and materials to support learning in various content areas required for high school graduation. To enroll in any of these courses, students will need to consult with their academic counselor.

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### CREDIT RECOVERY

**Grade:** 12 (11 if space available)

**Credit:** 0.5 (per course recovered)

**Prerequisite:** Counselor recommendation

Credit recovery provides an opportunity for student to earn credit that is required for graduation, but has been failed. This program allows students to recoup credit through individualized coursework without repeating the class.

---

### ADVANCED PLACEMENT

Certain advanced courses offer students the opportunity to take Advanced Placement examinations. Passing scores on the exams are recognized by many colleges and universities for credit, thus allowing students to obtain advanced standing upon entering college. Examinations will be conducted in May.



# OFF CAMPUS SUPPLEMENTAL OPPORTUNITIES

## Course Offerings

*A variety of options are available through the Hillsboro School District to assist in individualizing programs to meet the needs and interests of students. Some options are available at the school site and others are at different locations. Contact your counselor for further information and eligibility requirements regarding all programs listed.*

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### TRANSITIONS OPTIONS PROGRAM (TOPS)

The Transition Options Program is located at Miller Education high school. TOPS assists students in completion of diploma requirements or GED. Students served in this program include fifth-year seniors with four to six credits needed to graduate from high school. An ESL option is available for students who want to complete requirements for the GED in Spanish. Support is also provided for high school students with limited English proficiency who are working toward a high school diploma.

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### EXPANDED OPTIONS

Expanded Options provided an opportunity to attend college level classes while still in high school with tuition paid by the District. There is a limit to the number of credits the District can provide and participation priority is given to students who qualify for the free and reduced-price meal program. Students must be accepted by an eligible public post-secondary Oregon Institution and follow a learning plan agreed upon by the student, staff, and parents to reflect the student's goals.

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### OHDC/GED PROGRAM

The Oregon Human Department Corporation program is targeted for low income qualifying students. A combination of pre-employment training, GED preparation, paid work experience, and counseling is offered. Instruction is small group or one on one.

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### HOME SCHOOL

The district will assist families if they decide to home-school their children. Basic course descriptions, state minimum standards for elementary education and, when available, instructional materials upon receipt of a loss/damage deposit will be provided. Transcripts will be evaluated to determine the credit for prior courses and number of years of school attendance or equivalent.

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### MILLER EDUCATION HIGH SCHOOL

This fully accredited high school completion program is located on its own campus. In addition to stressing the core curriculum, self assessment skills, and graduation requirements, students have the opportunity to learn responsibility and gain self esteem through community service projects, challenge courses, and job training. The high school also offers a program for teen parents that includes on-site child care, parenting classes, and early childhood education. The low student-teacher ratio allows for small group instruction and individual counseling. Applications are received and interviews occur twice a year.

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### COLEGIO DE BACHILLERES

**Grade:** 10, 11, 12

**Credit:** Varies

**Prerequisite:** Successful completion of elementary and middle school, and 9th grade.

The "Colegio de Bachilleres" program is an online alternative program delivering Spanish language web-based curriculum, which aligns to the State of Oregon's course content requirements. The curriculum includes general academic content subject areas, as well a variety of elective courses. The "Colegio de Bachilleres" program also provides Spanish language resources and materials to support learning in various content areas required for high school graduation. To enroll in any of these courses, students will need to consult with their academic counselor.

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### CONNECT

WorkSystems, Inc. also supports the Connect program for low income students who are currently out-of-school and desire relevant career pathway training. Participants engage in work readiness skill workshops, job shadows and internships. Job placement opportunities and career pathway options are encouraged while completing GED or post-secondary placement.

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### OREGON NATIONAL GUARD YOUTH CHALLENGE PROGRAM

OYCP, a residential program located in central Oregon, serves youth ages 16-18, male and female, who are drug free and have had no previous felony convictions. OYCP targets students who have dropped out of high school or are likely to drop out. Students are enrolled for 5 1/2 months, during which time they can earn up to 8 credits towards a high school diploma or earn a GED. For more information see [www.oypc.com](http://www.oypc.com).





# OFF CAMPUS ALTERNATIVE EDUCATIONAL PROGRAM OPTIONS

*A variety of options are available through the Hillsboro School District to assist in individualizing programs to meet the needs and interests of students. Some options are available at the school site and others are at different locations. Contact your counselor for further information and eligibility requirements regarding all programs listed.*

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## **FIRE SCIENCE I**

**Grade Level:** 11, 12

**Length:** 1 year

**High School Credits:** 2.0 Elective

**College Credits:** Up to 10 credits through PCC

Students entering this class should have a strong desire for a career in firefighting or Emergency Medical Service.

This course is designed to provide an introduction to a career in today's fire service. Fire department personnel who share their real life experiences teach this class. This program provides in depth look at the three main areas of today's fire service: structural firefighting, wild land firefighting and EMS. Students will learn by interactive lectures, group projects, facility tours and state of the art equipment demonstrations. Learn the key concepts of today's fire service and how they are impacted by society. This course will also cover recruitment and the hiring processes and history of fire.

**Classes will be held at Liberty High School.** Transportation will be provided.

For students earning a B or better, they may be eligible to receive:

PCC: EMT 120 Emergency Medical Service	3 credits
FP 101 Intro. to Fire Protection	3 credits
FP 133 Natural Cover/Forest Firefighting	3 credits
FP 280A CE: Fire Science	1 credit

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## **FIRE SCIENCE II**

**Grade Level:** 11, 12

**Length:** 1 year

**High School Credits:** 2.0 Elective

**College Credits:** Up to 5 credits through PCC

Year II students must have earned a C or higher and interview with the instructor before continuing in the second level. Continuing students should be physically fit with the ability to carry, lift or drag up to 70 lbs, utilize a variety of hand tools, demonstrate skills in using ladders, fans, hose streams and SCBA's. Ability to function within a team is desirable.

This course is designed to provide hands on introduction to a career in today's fire service. This course builds on skills mastered in Fire Science I. This course studies basic fire fighter safety, equipment, and procedures that are used during fire ground operations. Students will learn through interactive lecture, demonstrations, and practical application. Other areas of study include: Understanding the importance of physical fitness, utilizing a variety of hand tools, demonstrating skills in using ladders, fans, hose streams and SCBA's. Demonstrating basic rescue and safety practices.

**Classes will be held at Liberty High School.** Transportation will be provided.

For students earning a B or better, they may be eligible to receive:

PCC: Haz Mat	3 credits
FP280B CE: Fire Science	2 credits



# HILLSBORO SCHOOL DISTRICT

## High School Student Class and Miscellaneous Fees 2012-2013

DESCRIPTION	CENTURY	GLENCOE	HILHI	LIBERTY
<b>All Visual Arts</b>	\$25.00	\$25.00	\$25.00	\$25.00
All Technology Ed. Classes • Advanced Technology • Auto • Digital Technology • Drafting • Foods • Horticulture/Agriculture • Welding • Wood	\$25.00 \$25.00 Capital Center Classes \$40.00 Drafting	\$25.00 per semester	\$25.00 \$30.00 Construction	\$25.00
All Photography	\$35.00	\$35.00	\$35.00	\$35.00
Activity Fee*	\$100.00 Marching Band Cheerleading Dance Team Color Guard	\$100.00 Concert/Symphonic band Cheerleading Dance Team Color Guard	\$100.00 Marching Band Cheerleading Dance Team Color Guard FFA	\$100.00 Marching Band Cheerleading Dance Team Color Guard
ASB	\$20.00	\$20.00	\$20.00	\$20.00
Athletic Participation*	\$150.00	\$150.00	\$150.00	\$150.00
Lock Rental	\$5.00 (one time)	\$5.00 (one time)	N/A	\$5.00 (one time)
Parking Permit	\$30.00 per year	\$30.00 per year	\$30.00 per year	\$30.00 per year
Planner	\$5.00	\$5.00	\$5.00	\$5.00
Printer Paper Fee	\$10.00	\$10.00	\$10.00	\$10.00
Towel Fee	\$4.00	\$4.00	\$4.00	\$4.00
Yearbook	\$50.00	\$50.00	\$50.00	\$50.00

\*Per student per sport/activity to maximum of \$300 per student; maximum of \$600 per family

It is the philosophy of Hillsboro School District 1J School Board of Education that no student be denied the opportunity to participate in any phase of the curriculum because of financial hardship. The District will provide necessary materials free of charge to any student whose parents indicate that the costs entailed would represent a financial hardship to the family. Arrangements should be worked out through the bookkeeper, rather than the teacher whose class is involved.

**Admission to athletic contests: \$6.00/adults \$4.00 for students that do not have an ASB, FREE for students with an ASB sticker.**



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