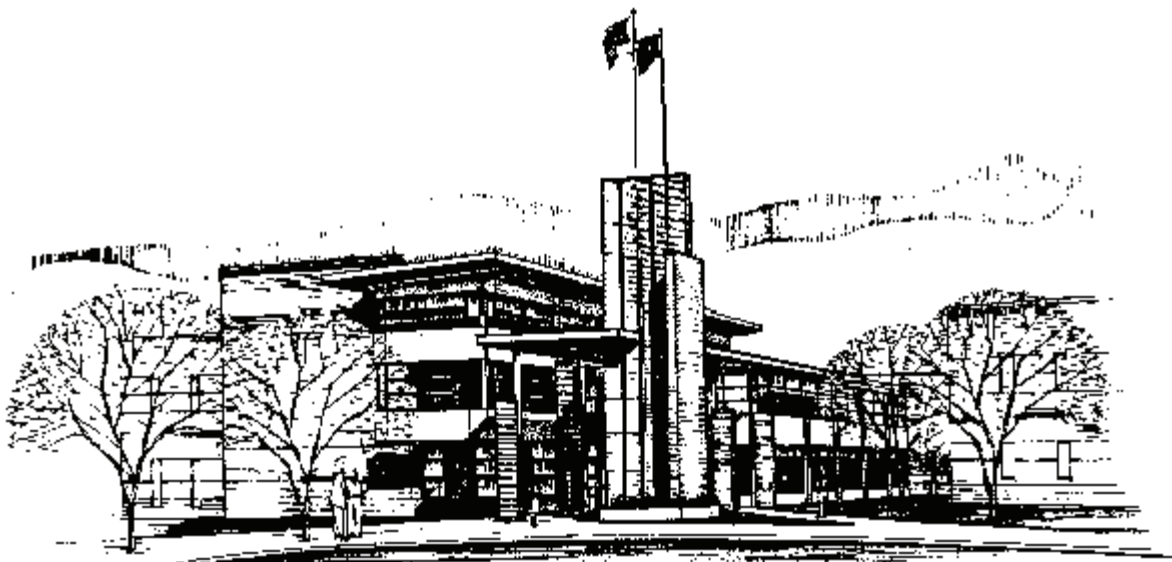


CENTURY

HIGH SCHOOL



2014 - 2015

COURSE CATALOG

2000 SE Century Boulevard
Hillsboro, OR 97123
503-844-1800

MESSAGE FROM THE PRINCIPAL

Dear Century Students and Families,

Welcome to Century High School! We are proud to provide many outstanding programs focused on rigor, relationships and relevance for a meaningful educational experience. Our highly dedicated staff and academic programs provide every student the opportunity to be successful at Century. We take pride in preparing all students to meet the challenges they will face in college and the workforce once they graduate. In addition, Century's focused programs of study provide students with a full range of courses that lead to high-level mastery in their chosen area of study.

This curriculum guide is an essential tool in making the important educational decisions ahead. In our guide you will find information on college admission standards, career preparation, honors programs and course descriptions. Use the four year academic and career planning worksheet on pages 14 and 15 to develop or refine a high school program of study. Our students will actively engage in developing an educational plan and profile, through our comprehensive counseling program, to ensure their educational decisions relate closely with future education and/or career plans.

As a Century student preparing to forecast for the 2014-15 school year, it is important to review the minimum requirements for all Hillsboro diplomas on page 5. These requirements include earning 24 credits, a career credit, and demonstrating proficiency in the essential skills of reading, writing, and math. Please study the guide carefully and use it to make well-informed decisions as you choose your classes for next year and the rest of your high school career. Choose courses that will challenge you intellectually and explore new skills and talents.

Century High School staff members are available to answer any questions you may have. I encourage each student to seek advice from their teachers, counselors and parents as they work through the forecasting process.

With Century POWER,

Ted Zehr
Principal

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**ATENCION
PADRES DE FAMILIA HISPANOS**

Se ofrecen servicios de traducción si usted los desea. Si tiene alguna pregunta por favor llame a la escuela. La información sobre las clases de inglés se encuentra en la página 22. Habrá escuela de Verano para Estudiantes Migrantes.

Servicios de traducción

Brown/Evergreen Middle Schools	503-844-1500
Poynter Middle School	503-844-1580
South Meadows School.....	503-844-1220
Century High School.....	503-844-1800
Glencoe High School.....	503-844-1900
Hillsboro High School	503-844-1980
Liberty High School	503-844-1500

It is the policy of Hillsboro School District that no person be subjected to discrimination on the basis of an individual's race, color, religion, sex, sexual orientation, parental status, national origin, marital status, disability, or age 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 non-discrimination and will strive by its action to enhance the dignity and worth of all persons.

USING THIS CATALOG

This course catalog is designed to help you make wise selections from the courses offered at Century High School. Take the time and review the handbook carefully. As your student prepares to forecast for **2014 - 15** coursework, it is important to review the minimum requirements for all Hillsboro diplomas on page 5. Please note the addition of **Essential Skill proficiency requirements in reading, writing and mathematics.**

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 courses are designed to build skills in areas of study that meet the student's need for vocational and college admission, as well as the pursuit of individual interests.
4. Student placement in English, math, science, second language, 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.

REGISTRATION PROCEDURES

1. Dates are scheduled for counselors to meet with students to review the scheduling process and to discuss courses offered. Forecasting sheets will be distributed and a calendar established for pick-up.
2. 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 required to indicate parent involvement in the selection of courses.**
 - c. Alternate selections should be listed in order of preference.
 - d. Teacher recommendations and signatures (where required).

OTHER INFORMATION

FEES AND FINANCIAL AID

It is the philosophy of the Hillsboro School District School Board of Directors 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 a counselor, rather than the teacher whose course is involved.

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.



High School Diploma Requirements

Hillsboro diplomas satisfy the Oregon State Board of Education’s rigorous statewide graduation requirements for students. The chart below displays the course and credit requirements for each diploma that Hillsboro students must successfully complete in order to graduate. Please be advised that these are **minimum** requirements to graduate.

Subject Areas/Required Elements	Standard Diploma Requirements	Chancellor’s Diploma Requirements	Modified//Extended Diploma Requirements
Language Arts	4 credits	*4 credits	4 credits//2 credits
Math	3 credits (Algebra I level and beyond for Class of 2014)	*3 credits (To include Algebra II or beyond)	2 credits//2 credits
Science – (2 of 3 credits must be lab experiences)	2 credits (3 credits for Class of 2012 and beyond)	*2 credits (3 credits for Class of 2012 and beyond)	0 credits (2 credits starting class of 2012) //2 credits
Social Sciences	3 credits	*3 credits	1 credit (2 credits starting class of 2012) //3 credits
Physical Education	1 credit	1 credit	1 credit//1 credit
Health	1 credit	1 credit	1 credit//1 credit
Career Development	.5 credit	.5 credit	2.5 credits//0 credits
Applied Arts, and/or Second Language, and/or Career Technical Education	1 credit (3 credits in any combination for Class of 2012 and beyond)	3 credits (including *2 credits of the same Second Language)	1 credit//1 credit
Electives: Including .5 senior seminar (required for students not enrolled in a senior level CAM or Focused Program of Study)	8.5 credits (5.5 credits for Class of 2012 and beyond)	8.5 credits (7.5 credits Required starting with the Class of 2012)	11.8 credits (8.5 credits starting class of 2012) including .5 Senior Seminar with modifications //0 Credits
<p>Essential Skill proficiency:</p> <ul style="list-style-type: none"> Read and comprehend a variety of text at different levels of difficulty Write clearly and articulately Apply mathematics in a variety of settings (2014) Critical thinking, speaking, using technology, demonstrating civic engagement, global literacy, personal & teamwork abilities (2015 & later) <p>Students will demonstrate mastery of the Essential Skills by:</p> <ul style="list-style-type: none"> Completing an approved locally scored assessment, such as a work sample or student project; or Achieving a state-determined score on the state assessment tests in reading, writing and mathematics; or Achieving a state-determined score on another standardized test (SAT, ACT) 	<p><i>Students completing the Standard Diploma may qualify for entrance to colleges, community colleges, military and trade schools.</i></p>	<p><i>Additional requirements: “C” or better in 16 academic credits (the 15 marked with * above plus an additional credit in one of the subjects) Cumulative GPA of 3.4</i></p> <p><i>The Hillsboro School District encourages all students to earn a Chancellor’s Diploma, which meets <u>automatic entry</u> requirements for all Oregon public universities.</i></p>	<p><i>Additional note: A student’s school team shall decide before the end of Grade 10 that a student should work toward a modified or extended diploma after a review of student data.</i></p> <p><i>Students completing the Modified Diploma may qualify for entrance to community colleges, military and trade schools// Students completing the Extended Diploma may have varying opportunities after graduation.</i></p>
Total Credits Required	24 Credits	26 Credits	24 Credits//12 Credits

Chancellor's Diploma Requirement Checklist

Student Name: _____ ID # _____

1. **Cumulative GPA** = 3.40 or higher

Your GPA =

2. **Transcript Review** – check your transcript for the following:
(Remember to count classes you are taking this year.)

- a. Language Arts – 4.0 credits – all “C” or higher
- b. Math – 3.0 credits including Algebra 2 - all “C” or higher
- c. Science – 3.0 credits - all “C” or higher
- d. Social Science – 3.0 credits - all “C” or higher
- e. Second Language – 2.0 credits of the same language - all “C” or higher
- f. 1.0 credit of additional course from those listed above - all “C” or higher

Total _____

Total must be equal to 16 or more

3. **Essential Skills**

- | | <u>Your Score</u> | or | <u>Work Samples (scored, passed, and in DCA)</u> |
|---|-------------------|----|--|
| a. Reading – State Assessment Score = 236 | _____ | or | 2 work samples (Informative, Literary - one must be Informative) |
| b. Writing – State Assessment Score = 40 | _____ | or | 2 work samples (Narrative, Expository, Persuasive, Research) |
| c. Math – State Assessment Score = 236 | _____ | or | 2 work samples (Algebra, Geometry, Statistics & Prob.) |

4. Attempted one Work Sample between grade 9 and graduation:

- a. Reading = (Informative or Literary)
- b. Writing = (Narrative, Expository, Persuasive, or Research)
- c. Math = (Algebra, Geometry or Statistics & Prob.)
- d. Science = (Scientific Inquiry)

Oregon University System (OUS) Admission Policy for the Academic Year

College Admission Requirements Class of 2015

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

Freshman GPA Admission Requirements For Oregon University System Schools

SAT or ACT are required for college admission.

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

	U of O	OSU	PSU	EOU	OIT	SOU	WOU
High School GPA	3.00*	3.00	3.00	3.00*	3.00	2.75	2.75
Additional Campus Review Required	Application re-viewed through comprehensive review process.	2.75 to 2.99	2.70 to 2.99	Below 3.00	2.50 to 2.99	Below 2.75	Below 2.75

Application fee for each school is \$50.00.

*Minimum test scores are not set, but test results must be submitted and may be used during additional campus review processes.

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.

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 Counseling Center.

NCAA Athletic Eligibility

The NCAA has additional requirements for athletic eligibility. Information regarding these requirements can be found at www.eligibilitycenter.org. If you are planning on pursuing participation in a NCAA sport, please contact the CHS athletic office as soon as possible.

2014-15 Test dates and locations

SAT Test Dates	ACT Test Dates	PSAT Test Date
<p>2014-15 SAT testing dates are TBA. Please see your school counselor for updated information.</p>	<p>September 13, 2014 October 25, 2014 December 13, 2014 February 7, 2015 April 18, 2015 June 13, 2015</p>	<p>2014-15 PSAT testing dates are TBA. Please see your school counselor for updated information.</p>

ATHLETIC & ACTIVITY ELIGIBILITY

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:

- Pass 3.0 credits in their previous and current school semesters. They must have OSAA eligibility.
- 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.
- A student who becomes 19 before August 15 shall become ineligible for interscholastic competition. A student who becomes 19 on or after August 15 shall remain eligible for the entire school year.
- For athletes considering NCCA participation, see page 4

OSAA Athletics

CENTURY HIGH SCHOOL OPPORTUNITIES INCLUDE:

Fall Season

Football
Men's Soccer
Women's Soccer
Cross Country
Volleyball
Dance
Cheerleading

Winter Season

Men's Basketball
Women's Basketball
Wrestling
Dance
Cheerleading
Swimming

Spring Season

Baseball
Softball
Men's Track & Field
Women's Track and Field

CENTURY HIGH SCHOOL ATHLETIC CLUBS INCLUDE:

Spring Season

Men's Lacrosse Men's Golf Men's Tennis
Women's Lacrosse Women's Golf Women's Tennis

OSAA ACTIVITIES:

Band
Choir
Speech & Debate

SUPPLEMENTAL IN DISTRICT OPPORTUNITIES

Some elective programs may not be available at a student's home school but may be available elsewhere in the District. Students may apply to go to the program's school by requesting an in-district transfer from their home school.

Glencoe High School

Manufacturing and Design Technologies
Environmental Science

Liberty High School

Engineering Prep
Fire Science
Health and Human Services
Hospitality Services

Hillsboro High School

Academy of Finance
Automotive Technologies
Engineering Prep
Environmental Science
Horticulture
International Baccalaureate

COUNSELING INFORMATION AND PROCEDURES

Schedule Changes

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 courses they have requested.

In the event that students are placed incorrectly, they may request a schedule change. The Counseling Department will inform students of the last day to drop classes. To change a schedule a student must:

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

COUNSELING INFORMATION AND PROCEDURES

GRADUATION

To be on schedule for graduation, seniors must **be currently meeting their plan to complete all District requirements last Friday in May.** If students do not meet all graduation requirements, they will not participate in the graduation ceremony.

WALK LIST

To remain on the graduation walk list, Century High School students must earn 16 required credits by the start of their senior year, and attain 20 credits by the end of first semester of their senior year.

ALTERNATE SOURCES OF CREDIT

Within limits, courses from accredited outside sources, such as Portland Community College, are generally accepted for graduation credit. In some cases a “concurrent enrollment” arrangement can be worked out whereby credits earned at the college or community college level can be applied to Hillsboro graduation requirements. Counselor and administrative approval must *always* be obtained **prior** to registering for such courses. Possible sources of credit include:

1. **College Credit Opportunities. Advanced Placement Program**—The College Boards Advanced Placement Program enables students to pursue college-level studies while still in high school. Based on their performance on rigorous AP Exams, students may earn credit and/or advanced placement for college. Century offers the following Advanced Placement courses. Please refer to the course descriptions in this catalog to see whether an Advanced Placement course is right for your student.

- (H) AP Art Studio
- (H) AP Biology
- (H) AP Calculus AB
- (H) AP Chemistry
- (H) AP Economics
- (H) AP English Language and Composition
- (H) AP European History
- (H) AP Environmental Science
- (H) AP Government
- (H) AP Literature and Composition
- (H) AP Music Theory
- (H) AP Physics
- (H) AP Spanish
- (H) AP US History

2. **Dual Credit.** Portland Community College, Mt. Hood Community College, and Portland State University offer college credit for certain courses taken at a high school under a special arrangement called “dual credit”. These courses are equivalent to regular college courses, making it possible for a student to earn college credit for the college course in addition to the high school credit. The following courses are available for dual credit at Century.

Keyboarding /Computer Application /Word Processing (PCC)	FEAST and Gourmet Foods (MHCC)
Web Design (PCC)	Statistics (PSU) STAT 243
Drafting 2 - MCH 290 – Mastercam Fundamentals Orient. (1 credit)	Childs World (PCC)
MCH 291 – Laser Cutting and Eng. Fund. (1 credit)	Child Services I and II (PCC)
MCH 292 – FDM Additive Manuf. Fund. (1.5 credit)	
Health Services I (PCC) - HG 250 Personal Health	
Health Services II (PCC) - MP 111 Medical Terminology	

For details on the courses available at Century High School for PCC credit please see PCC web site, www.pcc.edu/pavtec.

3. **Teacher/Office Assistant/Nursery Aide.** Students may earn up to .5 credit per semester.

Counseling Information and Procedures

4. **Independent Study.** Independent Study courses may be requested when a student is unable to take an extended application of the course through the current curriculum offerings. It is expected that students requesting an Independent Study course be proficient in the subject field they are pursuing. Students may apply for independent study only if they are enrolled in the equivalent of 2.5 credits as specified by school policy. The process for requesting Independent Study is:
 - a) Discuss Independent Study proposal with the teacher. Teachers may choose to facilitate an Independent Study course, but are not required to do so.
 - b) With teacher approval, obtain and complete an Independent Study form. The approval of the assistant principal is required. The form can be obtained through the counselor. Additional description on page 46.
5. **Retake.** Students may retake any course in the curriculum on a space available basis or in an alternative setting if they received either a “D” or “F” on their initial opportunity. The higher grade will be recorded on the transcript. The student must contact the registrar for a grade change. Arrangements must be made with a counselor in advance.
6. **Alternative Education Programs.** In compliance with Oregon Law (ORS 339.250), Hillsboro School District 1J provides programs of alternative education for students who are subject to expulsion, requesting withdrawal, have established an erratic attendance pattern, or are subject to severe discipline for the second time in a three-year period. For additional information contact the counselor. See pages 48 and 49.
7. **Correspondence Courses.** Students can make up or take 1.0 original credit through correspondence. Correspondence courses are recommended only for highly motivated and self-disciplined students. All materials are online and students complete the course work independently. Contact a counselor for more information and registration materials. A counselor and administrator must approve a plan for students wanting to take more than 1.0 credits through correspondence courses.
8. **Summer School.** This option is offered in three sessions at Century High School using PLATO curriculum. Cost is minimal per.5 credit.

ADDING/ DROPPING A COURSE

Students may be able to add or drop a course within the first five days of the course. Students must also attend the course for three days before adding or dropping will be considered. Students who wish to drop a course after five days may only do so with administrative approval, and will do so with a grade of Withdraw/F on their transcript. Students will not be assigned early release or late arrival without parent permission. **AP policy - all requests to drop AP courses require administrator approval. The expectation is that students who enroll in AP courses will complete the entire course.**

EARLY GRADUATION

The Hillsboro School District (IKF-AR) requires that students be in attendance for four full years (Grades 9 through 12) under normal circumstances. In some cases it may be educationally advisable for a given student to meet graduation requirements with less than four full years attendance. This decision should come about only as the result of a planned program. Parents who are interested in discussing such a program must contact their student’s counselor for information. Early graduation proposals must be approved prior to the end of the student’s junior year. Early graduation would depend on when the required classes are offered their senior year.

TRANSCRIPTS

Official transcripts are \$1.00 each. Students should make their request to the Counseling Center two weeks in advance.

Counseling Information and Procedures

REQUESTING COURSE EXEMPTIONS

State Board of Education policy (OAR 581-22-415) permits school districts to provide alternative courses or grant exemptions in order to accommodate student's religious beliefs. Parents are invited to review materials used to support instruction. For instruction on human sexuality and HIV / AIDS, procedures set forth in ORS 336.035(2), OAR 581-22-412, OAR 581-22415 also state "any parent may request that his/her child be excused from that portion of the instructional program." Contact the building principal for additional information.

As provided for in ORS 339.620, parents or legal guardians of students may request district financial assistance for enrollment in an approved alternate program of instruction. Such financial assistance will, in all cases be subject to advance approval, apply only to tuition costs, and be limited to an amount equivalent to the District's receipts from the Basic School Support Fund for the pupil. Payment will be made by reimbursement, on the basis of a billing verifying successful completion of a term or semester. Parent requests for advance approval should be submitted on the designated District form.

GRADING SYSTEM

A: Superior - Given for work of such character as to merit special recognition. **A** (point value 4) is a final grade used in the calculation of the GPA. Graduation credit is awarded.

B: Above Average - Indicates above average performance. **B** (point value 3) is a final grade used in the calculation of the GPA. Graduation credit is awarded.

C: Average - Indicates average work that meets minimum course requirements. **C** (point value 2) is a final grade used in the calculation of the GPA. Graduation credit is awarded.

D: Below Average - Indicates below average work, which fulfills only the minimum expectations of the course. **D** (point value 1) is a final grade used in the calculation of the GPA. Graduation credit is awarded.

F: Failing - Indicates failing work, which does not meet minimum requirements and demonstrates a lack of competence. **F** (point value 0) is a final grade used in the calculation of the GPA. No graduation credit is awarded.

I: Incomplete - Used only when unavoidable circumstances have deterred a student from completing the course-work by grade-marking time. Although it is the student's responsibility to perform the work to clear the incomplete, it is the teacher's responsibility to convert the incomplete to a final grade when the final grade has been earned. An "I" is not used in the calculation of the GPA and graduation credit is not awarded. **An Incomplete not made up within three weeks after the end of the semester will become an F.**

P: Passing - Awarded to students with modified course objectives (IEP students). **P** is a final grade, but is not used in the calculation of the GPA. Graduation credit is awarded.

S: Satisfactory - Assigned only to students working as aides or who have made special arrangements to take a course on a S/U basis. **S** is a final grade but is not used in the calculation of the GPA. Graduation credit is awarded.

U: Unsatisfactory - Assigned only to students working as aides or who have made special arrangements to take a course on a S/U basis. **U** (point value 0) is a final grade used in the calculation of the GPA. No graduation credit is awarded.

WF: Withdrawn Failing - Administrative approval is required. Indicates that the student has withdrawn from the course with an F. **WF** (point value 0) is a final grade used in the calculation of the GPA. No graduation credit is awarded.

WP: Withdrawn Passing - Administrative approval is required. Used to indicate that, upon withdrawal, the student was passing the course but unable to finish. **WP** is a final grade and cannot be made up. It is not used in the calculation of the GPA. No graduation credit is awarded.

HONORS PROGRAM

What is an Honors Graduate from Century High School?

An honors graduate from Century High School is a student who performs well in a variety of academically rigorous, college-level courses in preparation for a successful college/university experience.

Honors Graduate Requirements:

- A cumulative G.P.A. of at least 3.5 at the end of first semester senior year.
- All of the courses listed must be taken for a grade.
- Students must have passed the state examinations at the 11th grade benchmark in reading, writing, math, and science, and completed three required work samples in speaking.
- If the student does not pass the state test, work samples in math, reading, writing and science will be accepted if they meet the standard on state scoring guide.

In every essential skill **except** speaking, if a student does not pass the state test, they may meet the state and school requirements by completing work samples that meet High School benchmark standards on the state scoring guide.

Essential Skill:	State Tests	Work samples (number, type)	Grad requirement?	Honors grad requirement?	CAP requirement?
Reading	High School benchmark	2-(at least 1 informative)	All Grades	Y	Y
Writing	High School benchmark	2-(narrative/imaginative, expository, persuasive, or research)	All Grades	Y	Y
Math	High School benchmark	2-(problem solving-statistics and probability, algebraic relationships, or geometry)	All Grades	Y	Y
Speaking	No	3-(1 informative, 1 persuasive, 1 unrehearsed)	Additional for Honors Requirements	Y	Y
Science	High School benchmark	1-scientific inquiry	Additional for Honors Requirements	Y	Y

To become an "Honors Graduate" a student must have completed or currently be enrolled in at least **six** courses with an honors or AP designation in the areas of Language Arts, Mathematics, Social Science, Science, and Second Language. **Students are advised to take three or more honors classes their junior year.**

Language Arts

(H) AP Language & Composition
(H) AP Literature & Composition
(H) Humanities

Social Studies

(H) AP US History
(H) AP Economics
(H) AP European History
(H) AP Government

Second Language

(H) AP Spanish
(H) Spanish 4
(H) French 4
(H) Japanese 4

Fine Arts

(H) AP Music Theory
(H) AP Studio Art

Mathematics

(H) Pre-Calculus
(H) Statistics
(H) AP Calculus

Science

(H) AP Environmental Science
(H) AP Biology
(H) AP Physics
(H) AP Chemistry
(H) Anatomy and Physiology

Elective (only 1.0 credits of the required 6.0)

(H) Child Services 2 (H) Health Services 2
(H) FEAST (H) Fire Science 2
(H) Auto Tech 2 (H) Drafting Tech 2

Honor Roll – Students who achieve a G.P.A. of 3.5 or higher in a minimum of five (5) graded classes during any 9-week grading period will have their names placed on the honor roll.

Valedictorians and Salutatorians

Valedictorians and Salutatorians are first identified as candidates at the end of the seventh semester. Final determinations are made from 3rd quarter grading report.

- Valedictorians are Honors graduates with a 4.0 G.P.A.
- Salutatorians are Honors graduates with all "A's" and one "B" grade.
- Recipients must have passed the state examinations at the High School benchmark in reading, writing, math, and science.

HONORS REQUIREMENTS CHECKLIST

Honors Requirement Checklist

Student Name: _____ ID # _____

		Checklist
#1	Cumulative GPA = 3.50 or higher	<input type="checkbox"/>
#2	Six Honors courses (see list on page 8 of the Curriculum Guide) All completed with a "C" or higher.	<input type="checkbox"/>
#3	Essential Skills	
	a. Reading – State Assessment Score = 236	<input type="checkbox"/>
	b. Writing – State Assessment Score = 40	<input type="checkbox"/>
	c. Math – State Assessment Score = 236	<input type="checkbox"/>
	d. Speaking Work Samples	
	Informative = (scored, passed and in DCA)	<input type="checkbox"/>
	Persuasive = (scored, passed and in DCA)	<input type="checkbox"/>
	Unrehearsed = (scored, passed and in DCA)	<input type="checkbox"/>
#4	<u>Attempted one Work Sample</u> between grade 9 and graduation:	
	Reading = (Informative or Literary)	<input type="checkbox"/>
	Writing = (Narrative, Expository, Persuasive, or Research)	<input type="checkbox"/>
	Math = (Algebra, Geometry or Statistics & Prob.)	<input type="checkbox"/>
	Science = (Scientific Inquiry)	<input type="checkbox"/>

ACADEMIC AND CAREER PLANNING WORKSHEET

Freshman

Required Courses

Language Arts/Social Sciences:

English Language Arts 9/World Studies	2.0
Adv. Freshman English/World Studies	2.0

Mathematics:

Algebra 1	1.0
Geometry	1.0
Accelerated Geometry	1.0
Algebra 2	1.0
Accelerated Algebra 2	1.0

Science:

Integrated Science	1.0
Biology	1.0
Honors Biology	1.0

Physical Education:

PE 1	0.5
------	-----

Focused Program of Study:

Electives: (2.5- 3.0)

()	_____
()	_____
()	_____
()	_____
()	_____
()	_____

(8.0) Credits

Alternatives: Choose carefully. Alternative classes will be used in the event that you have a scheduling conflict, or one of your electives is already full.

()	_____
()	_____
()	_____

Sophomore

Required Courses

Language Arts:

English Language Arts 10	1.0
Adv. Sophomore English	1.0

Social Science:

(H) A.P. European History	1.0
---------------------------	-----

Mathematics:

Algebra 1	1.0
Geometry	1.0
Accelerated Geometry	1.0
Algebra 2	1.0
Accelerated Algebra 2	1.0
Technical Math	1.0
(H) Statistics	1.0
(H) Pre-Calculus	1.0

Science:

Integrated Science	1.0
Biology	1.0
Chemistry	1.0
Accelerated Chemistry	1.0
_____	1.0

Health:

Health	1.0
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Physical Education:

PE 2	0.5
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Focused Program of Study:

Electives: (1.5 - 3.0)

()	_____
()	_____
()	_____
()	_____
()	_____

(8.0) Credits

Alternatives: Choose carefully. Alternative classes will be used in the event that you have a scheduling conflict, or one of your electives is already full.

()	_____
()	_____
()	_____

ACADEMIC AND CAREER PLANNING WORKSHEET

Junior

Required Courses

Language Arts:

English Language Arts 11	1.0
Adv. Junior English	1.0
(H)A.P. Language and Composition	1.0
(H)A.P. Literature and Composition	1.0

Social Sciences:

US History	1.0
(H) A.P. U.S. History	1.0

Mathematics:

Algebra 1	1.0
Geometry	1.0
Accelerated Geometry	1.0
Algebra 2	1.0
Accelerated Algebra 2	1.0
Technical Math	1.0
(H) Statistics	1.0
(H) Pre-Calculus	1.0
(H) A.P. Calculus	1.0

Science:

Focused Program Foundation Course

Electives: (2.0 - 3.5)

- () _____
- () _____
- () _____
- () _____
- () _____

(8.0) Credits

Alternatives: Choose carefully. Alternative Classes will be used in the event that you have a scheduling conflict, or one of your electives is already full.

- () _____
- () _____
- () _____

Senior

Required Courses

Language Arts:

English Language Arts 12	1.0
Adv. Senior English	1.0
(H) Humanities	1.0
(H)A.P. Language and Composition	1.0
(H)A.P. Literature and Composition	1.0

Integrated Arts Block (FAME) 2.0

Social Sciences:

Economics	0.5
(or)	1.0
(H) A.P. Economics	
People and Politics	0.5
(or)	1.0
(H) A.P. Government	

Mathematics:

Science:

Focused Program /Senior Project

Electives: (2.0 - 5.5)

- () _____
- () _____
- () _____
- () _____
- () _____
- () _____
- () _____
- () _____
- () _____
- () _____

(8.0) Credits

Alternatives: Choose carefully. Alternative classes will be used in the event that you have a scheduling conflict, or one of your electives is already full.

- () _____
- () _____
- () _____

CAREER PREPARATION

CAREER CENTER

The Career Center is located within the Counseling Center. It is here that students receive assistance in locating the important information on 2-year and 4-year colleges and universities, employment, trade and technical schools, military services, and financial aid. The Career Center also has up-to-date information on career opportunities to help students with their post-high school planning. **Students and parents** are encouraged to use the Center anytime between 8:00 AM and 3:00 PM.

RESOURCES AVAILABLE IN THE CAREER CENTER

- College/University Visitation Schedules
- Computer access for career and college research/Internet Websites
- Military Information
- College catalogs/Applications
- Community Service Opportunities
- Internship/Job Shadow Opportunities
- Career/Vocational Files and Books
- SAT/ACT information
- Job Readiness Materials: Interviewing, Resumes
- Scholarship and financial aid information

ASPIRE Volunteer Program

Our student services are supported and enhanced by a strong **ASPIRE Volunteer Program**. All students have the opportunity to meet with a volunteer on a regular basis. We feel this is an important part of helping our students make wise decisions regarding plans for their future.

Career Guidance Curriculum - Focus on the Future

It is the goal of the counseling/career staff at Century 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.

Each student is responsible for completing the following guidance activities while in attendance at Century High School. The .5 Career Development Credit is a Hillsboro School District diploma requirement, and supports the State graduation requirements for career-related experiences. This credit is due at the end of Junior Year.

<u>Freshmen Guidance</u>	<u>Sophomore Guidance</u>	<u>Junior Guidance</u>	<u>Senior Guidance</u>
Introduction to Career Search	Career Search	Career/College/Military Search	Internship
Transcript Introduction	Transcript Review	Resume	Transcript Review/High School Transition Meeting
Portfolio Building	Two-Year Plan	Job Shadow/Informational Interview	College applications, Scholarship and FAFSA information
Career Skills Assessment	Selection/Introduction to Focused Programs of Study (CAP)	Scholarship and FAFSA Information	
Four Year Plan		Junior Workshops	

CAREER PREPARATION

CAREER RELATED LEARNING EXPERIENCES

Century, Glencoe, Liberty, and Hillsboro 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 provide students with 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 students' classroom learning and require an application and approval through the Career Center. Examples:

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

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.

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

- Student-managed enterprises
- Student leadership organizations

DUAL CREDIT PROGRAM

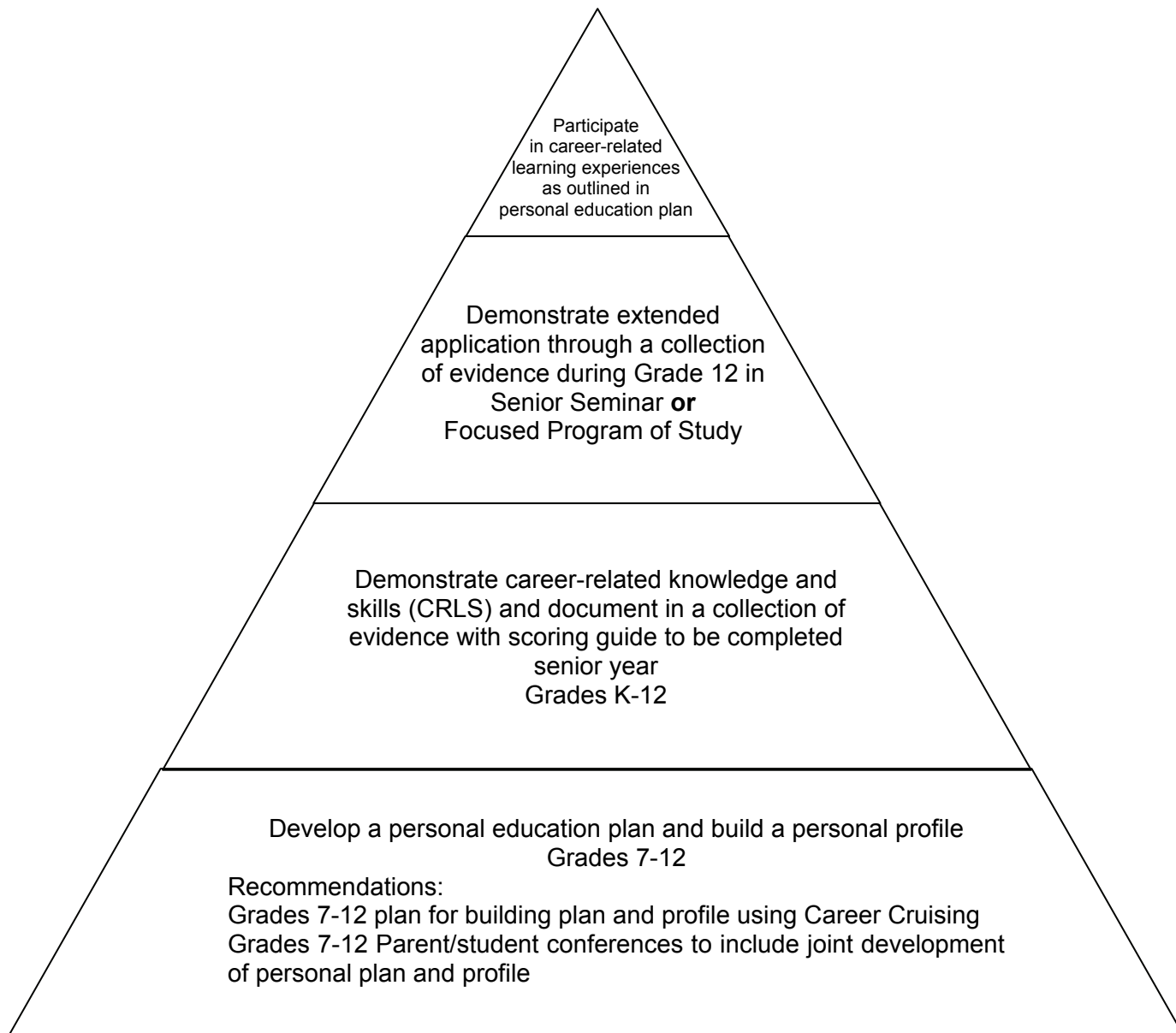


PSU

Portland Community College, Mt. Hood Community College, and Portland State University have agreed to grant college credit for certain high school courses, which are equivalent to those available at the college. Credits for these courses count toward meeting credit requirements for programs at these schools. Credit information can be found in the following sections of this curriculum catalog: Business Education and Computer Technology, Family and Consumer Studies, Health, Industrial and Technology Systems, Mathematics, and Science.

SENIOR PORTFOLIO

Portfolio compilation and evaluation will occur in Senior Seminar, Focused Program/CAP, or culminating course.



The senior portfolio will include a Personal Plan and Profile compiled/completed throughout high school, career-related learning standards collection of evidence, project proposal, research documentation (five sources minimum), paper (5-10 pages), extended application collection of evidence (15-30 hours, 30 hours for a CAP), project documents and evaluations, and exhibition documents. The senior portfolio is completed during the culminating course of a focused program or in Senior Seminar.

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

FOCUSED PROGRAMS OF STUDY

What is a Focused Program of Study?

High school is an important part of a student’s preparation for life, a time of transitions to postsecondary education, careers, and adult responsibilities. At Century High School, Focused Programs of Study offer *each* student the opportunity to learn in the context of a career field that interests him/her, and to prepare for success in life after high school. **Exploratory** level courses introduce the basics. **Foundation** classes provide a fundamental understanding of each area of study. **Advanced Application** courses provide an opportunity for student to extend their knowledge and pursue their individual interests.

Why enroll in a Focused Program of Study?

In a Century High School Focused Program of Study each student:

- Pursues personal, academic, career interests, and post-high school goals.
- Is actively engaged in educational planning and takes responsibility for learning.
- Applies high-level academic and career-related knowledge and skills in relevant and meaningful learning experiences.
- Has support from school, parents, and the community.

How will I earn a CAP (Certificate of Advanced Performance) graduation cord?

- Pass required foundation and advanced application courses with a “C” or better.
- Demonstrate the career-related learning standards.
- Complete of service learning and essential skills requirements in job shadow in Grade 11.
- Complete 8 hours of service learning and 30 hours of job internship or other approved activity in Grade 12.
- Successfully complete a Senior Project as required in your Focused Program of Study.
- To earn students must meet the following State High School benchmark standards

In every essential skill **except** speaking, if a student does not pass the state test , they may meet the state and school requirements by completing work samples that meet High School benchmark standards on the state scoring guide.

Essential Skill:	State Tests	Work samples (number, type)	Grad requirement?	Honors grad requirement?	CAP requirement?
Reading	High School benchmark	2-(at least 1 informative)	All Grades	Y	Y
Writing	High School benchmark	2-(narrative/imaginative, expository, persuasive, or research)	All Grades	Y	Y
Math	High School benchmark	2-(problem solving-statistics and probability, algebraic relationships, or geometry)	All Grades	Y	Y
Speaking	No	3-(1 informative, 1 persuasive, 1 unrehearsed)	Additional for CAP Requirements	Y	Y
Science	High School benchmark	1-scientific inquiry	Additional for CAP Requirements	Y	Y

Focused Programs of Study offered at Century High School:

- Arts & Communication, page 20
- Business & Marketing, page 21
- Business - Culinary Arts, page 22
- Health Services, page 22
- Human Resources - Child Services, page 23
- Leadership - Student Government, Page 25
- Technology, page 24

ARTS AND COMMUNICATION

FOCUSED PROGRAM OF STUDY

FAME (Focused Arts and Media Education) program of study provides students with a full range of courses that will lead to high level mastery in their chosen art and media area of study: Visual Art, Theater, Music, or Media.

Exploratory courses introduce the basics in a wide range of electives. These courses are designed to keep the students' schedules open and flexible so that they can change their focus within the Arts. **Foundation** courses are the basis for the Focused Program of Study Senior students take **Advanced Application** courses as well as the Integrated Arts Block. The Integrated Arts Block combines language arts credit through Humanities as well as providing students the time and means to create their Senior Performance and Community Service projects.

Requirements for FAME

- 1 Foundation Course
- 1 Advanced Application Course**

**The Foundation and the Advanced Application Course must be in the same area of emphasis.

1 Senior Block

	RECOMMENDED Exploratory Grades 9 or 10	REQUIRED Foundation Courses and Activities Grade 10-11	REQUIRED Advanced Courses and Activities Grade 11-12	RECOMMENDED Electives	Post Graduation Partial List
VISUAL ART	Art 1 3-D Art 1 Ceramics 1	Art 2 3-D Art 2 or 3	Art 3 or (H)AP Studio/Art 4 (H)AP Studio//3-D Art 4	Art 1, 2, 3 3-D Art 1, 2, 3 Graphic Design 1, 2	4-Year College: Bachelors Degree Journalism Film Art History Art Drama Photography Music English-Writing Graphic Design Art History Public Relations Education: Art, Drama, Music, Media Advertising Fashion design Choreography 2-Year College: Associates Degree Video Production Graphic Design Humanities Cosmetology Make up Hair Design
THEATER	Drama 1 Tech Theater	Drama 2 Advanced Tech Theater	Drama 3 Drama 4 Adv Tech Theater	Drama 1, 2 Speech & Debate	
MEDIA	Journalism - Print Journalism-Broadcast Graphic Design 1 Creative Writing	Journalism-Broadcast Photo 1 Journalism - Print Graphic Design 1	Jaguar Media Newspaper Staff Yearbook Staff Photo 2 Creative Writing Graphic Design 2	Forensics World Language Tech Theater Marketing 1	
MUSIC	Bassic Harmony Century Singers Concert Band Music Percussion	Century Singers Bassic Harmony Treblemakers Concert Band Symphonic Band Jazz Band	Concert Choir Counterpoint Concert Band Symphonic Band Jazz Band Adv. Musicianship (H) AP Music	Web Design Music Percussion Concert Band Century Singers	
FAME	Required Integrated Arts Block (FAME) includes: <ul style="list-style-type: none"> • Senior English • Senior Project • Career-Related Learning Experiences • Service Learning • Honors Credit 			Dance	

Course descriptions pages 26-29

BUSINESS & MARKETING

FOCUSED PROGRAM OF STUDY

The **Business and Management** program of study provides students with a range of courses that will lead to high level mastery in their chosen area of study.

Exploratory courses introduce the basics. These courses are designed to introduce the students to the Business world. **Foundation** courses provide a fundamental understanding of business and marketing. **Advanced Application** courses provide an opportunity for students to extend their knowledge and pursue their individual interests. Suggested course work outside the Business Department would be Statistics, Pre-calculus, or Calculus, and two years of a foreign language.

To successfully receive a **Business and Management Focused Program of Study** certificate and graduation cord, a student must pass the required **Focused Program of Study** courses with a "C" or better, earn a total of 3 credits from the courses below and complete all the required activities including service learning, career related learning experiences, and the senior project. Employers emphasize the need for good communication and computer skills. It is therefore recommended that a student take as many of the exploratory and elective courses as possible to enhance their skills.

RECOMMENDED	REQUIRED	REQUIRED	RECOMMENDED	Post Graduation
<ul style="list-style-type: none"> Basic Business & Computer Application 	Marketing 1 Marketing 2 (Grade 11)	Marketing 3 (Grade 12)	Suggested Electives: Marketing Lab Additional Electives: Graphic Design 1, 2 Forensics Student Government Psychology Speech and Debate You and the Law World Language (H) Statistics	4-Year College: Bachelors Degree Business Marketing Management 2-Year College: Associates Degree Marketing Management Merchandising
	<div style="border: 1px solid black; padding: 5px;"> Accounting I (Required for Focused Program of Study candidates) Grade 11, 12 </div>			
	<div style="border: 1px solid black; padding: 5px;"> Course descriptions on page 30 </div>			
	Additional Focused Program of Study Requirements Junior Year: Job Shadow (3-8 hours) Service Learning (8 hours) DECA Club Member	Additional Focused Program of Study Requirements Senior Year: Career-Related Learning Experiences <ul style="list-style-type: none"> 30 hours -Marketing 3 Project for CAP 15 hours—for Focus Program Service Learning <ul style="list-style-type: none"> 8 hours Senior Project <ul style="list-style-type: none"> Marketing 3 Project 		1-Year College: Certification Program Computers Office Systems Accounting

HEALTH SERVICES

FOCUSED PROGRAM OF STUDY

To successfully receive a **Health Services** Focused Program of Study certification and graduation cord, a student must pass the required Focused Program of Study courses with a "C" or better and complete all the activities listed below including the job shadow, the service learning project career-related learning experience, and medical terminology and portfolio (body of knowledge). Employers emphasize the need for good communication and computer skills. It is therefore recommended that a student take as many of the exploratory and elective courses as possible to enhance their skills. A student will receive a Health Services, a second year of Science, an elective, and senior project credit by successfully completing all of the required Focused Program of Study courses and activities. Juniors have the option of PCC HE250 credit and seniors PCC Medical terminology HP111.

REQUIRED Foundation Courses and Activities	REQUIRED Advanced Courses and Activities	RECOMMENDED Electives	Post Graduation
Anatomy & Physiology/ Health Services I	(H) Health Services II	(H) AP Chemistry Chemistry Forensic/Science Foreign Language Physics Psychology/Sociology Strength Training (H) Statistics (H) Pre Calculus/Calculus	4-Year College: Bachelors Degree Pre-Med Nursing Biology Molecular Biology Physical Therapy 2-Year College: Associates Degree Radiography 1-Year College: Certification Program Medical Assistant Lab Tech Veterinary Tech
Additional Focused Program of Study Requirements Junior Year: Job Shadow (3 - 8 hours)	Additional Focused Program of Study Requirements Senior Year: • Career-Related Learning Experience • Service Project		
Course descriptions on page 33			

BUSINESS - CULINARY ARTS AND HOSPITALITY

REQUIRED EXPLORATORY Grade 9-10	REQUIRED Foundation Courses Grade 11	REQUIRED Advanced Courses Grade 12	RECOMMENDED Electives	Post Graduation Partial List
Foods and Nutrition	Gourmet Foods Marketing 1	(H) FEAST	Basic Business and Computer Application Accounting I Speech and Debate World Language Photography Marketing 2	Culinary School • Chef • Pastry Chef 4-Year College • Business Administration • Nutrition • Food Science 2-Year College • Associate of Science in Hospitality and Tourism • Management 1-Year College Certification Programs • Event Planning • Travel and Tourism • Hotel and resort • Food Service Management
	Additional Focused Program of Study Requirements Junior Year: Job Shadow (3 - 8 hours) Service Learning (8 hours)	Additional Focused Program of Study Requirements Senior Year: • Senior Project • Service Learning (8 hours) • Career-Related Learning Experience - 30 hours for CAP - 15 hours for Focused Program		
	Course descriptions on page 32			

HUMAN RESOURCES

Within the Human Resources area, Century offers two Focused Program of Study programs. The first chart below relates to those interested in early childhood education. The second chart is for those interested in law, K-12 education, and social services. Some courses are relevant to both programs, as the charts below indicate.

FOCUSED PROGRAM OF STUDY (EARLY CHILDHOOD EDUCATION)

REQUIRED Exploratory Grades 9 or 10	REQUIRED Foundation Courses and Activities Grade 11	REQUIRED Advanced Courses and Activities Grade 12	RECOMMENDED Electives	Post Graduation Partial List
Child's World	Child Services 1	(H) Child Services 2	Foods and Nutrition Foreign Languages Nursery Work Experience Sociology/Psychology Art 1	4-Year College: Bachelors Degree Sociology Education Psychology 2-Year College: Associates Degree Early Childhood Education 1-Year College: Certification Program Instructional Asst.
	Focused Program of Study Required Junior Year Job Shadow (3-8 hours)	Focused Program of Study Required Senior Year Career-Related Learning Experience Senior Project		
Course descriptions on page 32.				

HUMAN RESOURCES

FOCUSED PROGRAM OF STUDY (LAW, EDUCATION & SOCIAL SERVICES)

RECOMMENDED Exploratory Grades 9 or 10	REQUIRED Foundation Courses and Activities Grade 11	REQUIRED Advanced Courses and Activities Grade 12	RECOMMENDED Electives	Post Graduation Partial List
	PAC 1: Professions Assisting the Community	PAC 2: Politics and the Community	Speech I Child's World World Languages Student Government (H) AP Economics (H) AP European History (H) AP Government (H) AP U.S. History Historical Issues	4-Year College: Bachelors Degree Sociology Education Psychology 2-Year College: Associates Degree Early Childhood Education 1-Year College: Certification Program Instructional Asst.
Focused Program of Study Requires either: Psychology / Sociology or You and the Law.	Job Shadow (3-8 hours) Service Learning (8 hours)	Career-Related Learning Experience Service Learning (8 hours) Senior Project		
Course descriptions on page 46.				

* Students must have a "B" or better in PAC I, PAC II, and their elective (Psych/Soc or You and the Law) for **CAP** recognition.

TECHNOLOGY

FOCUSED PROGRAM OF STUDY

The **Digital Technologies** program of study provides students with a full range of courses that will lead to high level mastery in Technology.

To successfully receive a **CAP** graduation cord, a student must pass the required **Focused Program of Study** courses with a “C” or better and complete all the activities listed below including the job shadow, the service learning, the internship and the senior project. Employers emphasize the need for good communication and computer skills. It is therefore recommended that students take as many of the exploratory and elective courses as possible to enhance their skills.

RECOMMENDED Exploratory Grade 9	REQUIRED Foundation Courses and Activities Grade 10	REQUIRED Advanced Courses and Activities Grades 10 - 11	Senior Project	Electives
<u>Informational Technology</u> Intro to Digital Technology	Advanced Tech Lab Programming 1	Programming 1	Programming 2	Web Design Architectural Drafting Drafting Tech I Computer in Art World Languages Focused Program of Study Required Junior Year Job Shadow (3 - 8 hours)
	Advanced Tech Lab Web Design 1	Web Design 1	Applied Web Design	
<u>Architectural and Engineering Drafting</u>	Advanced Tech Lab Architectural Drafting 1 Drafting Tech 1	Architectural Drafting 1 Drafting Tech 1	Architectural Drafting 2 (H) Drafting Tech 2 Engineering Prep (Dedicated Sr. Project)	

Post Graduation Partial List	4-Year College: Bachelors Degree Computer Science Software Engineer Computer Engineer	2-Year College: Associates Degree Computer Software Engineer Computer Information Technician
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Course descriptions on page 47

LEADERSHIP - STUDENT GOVERNMENT

FOCUSED PROGRAM OF STUDY

The **Leadership—Student Government** program of study provides students with a range of courses that will lead to high level mastery in their chosen area of study.

The Leadership Focused Program of Study includes occupations that use leadership skills to resolve conflict, teach and train, supervise and build relationships with teams, facilitate and organize meetings and events, understand and evaluate human behavior, and motivate and activate positive change. Employment opportunities within these careers might include manager, lawyer, project coordinator, teacher, human resources director, public service officer, counselor, administrator, organizational developer, leadership consultant, public speaker, corporate trainer, professor, event planner and politician. The Leadership Focused Program is unique in that it requires students to participate in a Community Service Internship to be done in conjunction with the Senior Project. This is when students will put their leadership skills to work in a hands-on, real world situation while serving their school and/or community. In addition, all students choosing the Leadership Focused Program must hold an elected or appointed student government office for at least one year.

To earn CAP in the Leadership Focus Program of Study, students must complete the National Association of Student Councils Certified Leader Program

The following National Association of Student Councils Leadership Core Competencies and Outcomes will also be taught, developed and evaluated: Communication, Organization, Managerial Skills, Business Skills, Citizenship, Service Learning, Professionalism, Group Process and Goal Setting.

Endorsement	Exploratory (9-12)	Foundation (9-11)	Recommended Electives	Capstone (12) Complete all requirements listed
Leadership	<ul style="list-style-type: none"> Leadership 1 (when offered) Leadership - Student Government Hold an Elected or Appointed Student Government Office 	<ul style="list-style-type: none"> Psychology Sociology PAC 1 	<ul style="list-style-type: none"> Forensics World Languages Marketing 1 and 2 You and the Law Journalism - Print Journalism - Broadcast Jaguar Media Creative Writing Newspaper Staff Yearbook Staff Computers in Art Accounting I, II Web Design AP Government AP Economics AP US History PAC 2 	<ul style="list-style-type: none"> Leadership - Student Government Community Service Internship Hold an Elected or Appointed Student Government Office

Why a Leadership Focused Program of Study? Students will be able to...

- | | |
|--|---|
| <ul style="list-style-type: none"> Motivate and activate teams Understand leadership concepts Learn effective conflict resolution Understand human motivations Communicate effectively Develop Strategy Understand business and personnel needs Evaluate how personality and learning styles work well together Be agents of positive change Coach and manage teams Delegate responsibilities | <ul style="list-style-type: none"> Oversee completion of tasks Facilitate meetings Build and encourage diversity Build self confidence Create vision for a program, activity, group or event Build a track record of demonstrable achievement Make decisions under pressure Build trusting relationships Speak well in public Self evaluate |
|--|---|

Course descriptions on page 48

ARTS AND COMMUNICATION

COMMUNICATION

JOURNALISM - PRINT

Grade: 9,10,11,12

Credit: .5

Prerequisite: None.

In this course, students are taught to write factual, clear, and concise newspaper stories. Attention will be given to feature writing, sports stories, and opinion writing (editorials, columns, and reviews). Students also will learn about interviewing, newspaper and magazine design, journalism ethics and law, and advertising. This course is a prerequisite for the newspaper and yearbook staff. A strong emphasis will be placed on meeting deadlines. Students enrolling in the course should have basic writing, spelling, and grammar skills, as well as at least a "B" average in previous English courses. Typing skills are highly recommended.

JOURNALISM - BROADCAST

Grade: 9,10,11,12

Credit: .5

Prerequisite: None.

This course introduces broadcast journalism and is one of two possible prerequisites for Jaguar Media (the other is Journalism-Print), Century's award-winning daily television program. Students will learn journalism basics such as interviewing, broadcast writing style, script formats, journalism ethics, and law and advertising. Students will learn how to handle a video camera in a professional manner, live studio broadcast techniques, digital video editing, audio and lighting techniques. A strong emphasis will be placed on meeting deadlines.

YEARBOOK STAFF

Grade: 10,11,12

Credit: 1.0

Prerequisite: Instructor consent and Journalism /Print or Photography.

The Yearbook staff produces the school's national award winning yearbook. Students will participate in full staff planning sessions, conduct interviews, photographing events, write copy, and prepare page layouts, all on computers using online programs and Adobe Photoshop. The staff must be able to meet deadlines, work under pressure, and act as responsible group members. All staff must be willing to spend time after school.

JAGUAR MEDIA

Grade: 10,11,12

Credit: .5 or 1.0

Prerequisite: Instructor's consent and Journalism - Broadcast or Journalism - Print.

Be part of Century's award-winning Jaguar News team, producing Century's live morning news and other video features. This course requires interest and dedication. Some after school hours are required.

CREATIVE WRITING

Grade: 9,10,11,12

Credit: .5

Prerequisite: None

**Does not meet Language Arts Graduation Requirements*

Students will explore different writing techniques and styles, experiment with genre, and read works that illustrate successful writing techniques. A writing workshop approach will encourage students to give each other feedback and suggestions. Students enrolled in this course must be willing to offer and receive constructive criticism. Students will submit finished pieces to *Virtuoso*, Century's literary arts magazine.

PHOTOGRAPHY 1

Grade: 10,11,12

Credit: .5

Prerequisite: None

Fee: \$35/Term

Access to 35mm or digital camera is highly recommended

See the world in a new way - through a camera lens. Photography students first learn the fundamentals of photography with a 35mm single lens reflex camera. They take the first photos on film and scan their images with negative scanners. Students learn to perfect their photos using PhotoShop and will display their pictures using PowerPoint, the web, and inkjet printers. In the next phase of the course, students will move into digital photography and learn how their digital cameras are more than glorified "point-and-shoots."

PHOTOGRAPHY 2

Grade: 11,12

Credit: .5

10th grade with teacher approval

Prerequisite: Photo 1 or instructor consent.

Fee: \$35/Term

Must have access to 35mm or digital camera.

Students will work in multiple formats, completing projects in Photojournalism, commercial portraiture, fashion, architectural, and still-life/product photography. Explore experimental techniques in photography and digital imaging. Print with enlargers in the darkroom and become familiar with several alternative processing techniques. Advanced application students will create a culminating project for this course: a web gallery that will be displayed on Century's web page.

ARTS AND COMMUNICATION

PERFORMANCE ARTS

THEATER

DRAMA 1

(Introduction to Theater)

Grade: 9,10,11,12

Credit: 1.0

Prerequisite: None.

This course introduces students to performance aspects of theater. Through pantomime and improvised scenes the students learn to explore and define environment and actions. Second term students will continue improvisational games and scenes and begin work on monologues to acquire good rehearsal and performance skills. Throughout the year, play reviews are required based on accumulated observational abilities and general knowledge as the student progresses through the program.

DRAMA 2

(Intermediate Theater)

Grade: 10,11,12

Credit: 1.0

Prerequisite: Drama 1

This course continues the work begun in Drama 1, with a more intense focus on the technical aspects of acting technique. Students will approach monologue and scene work with a higher commitment to the disciplines of discovering character, voice, and active choice making. Emphasis is placed on scene and character analysis and introducing students to historical as well as modern texts.

DRAMA 3

(Advanced Theater)

Grade: 11,12

Credit: 1.0

Prerequisite: Drama 1 and 2 and teacher approval.

This course focuses on more complex scenes than Drama 2. It provides a serious introduction to directing and script analysis. The culmination of these skills will be demonstrated throughout the year in student acting and directing as well as a presentation of student-directed one-act plays. Students are expected to attend live performances throughout the year and provide substantial reviews focusing on production, direction, and script analysis.

DRAMA 4

(Drama Criticism)

Grade: 11,12

Credit: 1.0

Prerequisite: Teacher approval.

This is an advanced course in the style of a pre-professional/college level seminar class. Students will continue to work on their acting skills and will begin to prepare to work as artists in the theater arts field. Areas of study will include audition techniques, college audition, and competitive formats. Students will continue to study production, direction, acting theory, and script analysis.

TECHNICAL THEATER

Grade: 9,10,11,12

Credit: 1.0

Prerequisite: Teacher approval. May be repeated.

This course is designed for students who have an interest, ability, and desire to build and paint scenery. Students will be taught how to use shop tools and to build parts of a set. Students will be introduced to lighting and sound design, as well as rigging. Class participation and a willingness to work individually and in groups is expected as well as completion of 25 "crew" hours outside of class each semester in lieu of written homework assignments.

ADVANCED TECHNICAL THEATER

Grade: 10,11,12

Credit: 1.0

Prerequisite: Technical Theater and teacher approval. May be repeated.

Advanced Technical Theater builds on the skills and abilities students learned in their first year of Technical Theater. Heavy set construction, as well as scenery development and design, are emphasized in the course. Students will crew shows, continue studies in lighting, design, and operating the sound/light board. Ability and a willingness to work independently, as well as with others, is expected. Students are expected to complete 50 "crew" hours outside of class each semester, in lieu of written homework assignments. Teacher approval is required.

ARTS AND COMMUNICATION

PERFORMANCE ARTS-

CENTURY SINGERS

(Foundation Choir Mixed Voices)

Grade: 9,10,11,12

Credit: 1.0

Prerequisite: None.

Fees: include cost of \$40 for robe cleaning, Solo and Ensemble contest, and Choir Sanctioned event fees.

Century Singers is a mixed-voice choir primarily for freshmen and sophomores. However, Juniors and Seniors with no previous high school choir experience should register for at least one semester before being considered for Concert Choir. Emphasis is placed on the basic fundamentals of singing and musicianship in preparation for membership in Treblemakers, Counterpoint, or the Concert Choir. A variety of choral music is studied and performed at REQUIRED concerts, festivals, and special programs throughout the year.

BASSIC HARMONY

(Men's Chorus)

Grade: 9,10,11,12

Credit: .5

Meets zero period. This ensemble will meet Monday, Tuesday, Thursday, and Friday from 7:30 a.m.- 8:15 a.m.

Prerequisite: Students need to audition with Mrs. Babcock for approval.

Fees: Include cost of tuxedo gear \$50, and Solo, Ensemble, and Choir sanctioned event fees.

This is an all-male chorus that performs 2, 3, and 4-part literature, including today's hits, barbershop, spirituals, and doo-wop, with a strong emphasis on novelty and humor. Numerous performing opportunities include REQUIRED school concerts and community events and special programs throughout the year.

TREBLEMAKERS

(Women's Chorus)

Grade 10, 11,12

Credit:1.0

Prerequisite: Students must have one year of Century Singers.

Fees: Include cost of Performance Gown (\$65), and Solo, Ensemble, and Choir sanctioned event fees.

This advanced choir will sing 2, 3, and 4-part choral music in the treble range. Emphasis is placed on continued study and development of musicianship and vocal technique. A variety of choral music is studied and performed at REQUIRED concerts, festivals, and special programs in the community.

CONCERT CHOIR

(Mixed Choir)

Grade: 11,12

Credit: 1.0

Prerequisite: One to two years of Century Singers, Treblemakers, Basic Harmony, and / or teacher approval upon audition.

Fees: Fall Retreat and contest fees for Solo and Ensemble/Choir sanctioned events.

Concert choir is for experienced choral students with the desire to learn and perform choral music at high levels of musicality. Strong emphasis is placed on developing advanced vocal technique and musicianship. A variety of choral music is studied and performed at REQUIRED CONCERTS, festivals, and special programs throughout the year.

COUNTERPOINT

(Mixed Vocal Ensemble)

Grade: 11,12

Credit: 1.0

Prerequisite: Students must audition during the previous January. Students must have experience of at least one semester in Concert Choir or Century Singers before auditions. **Students must have concurrent enrollment in Concert Choir.**

Fees: Include cost of tuxedo gear \$50, \$15 for women's attire, and Solo, Ensemble, and Choir sanctioned event fees.

Counterpoint is a performing ensemble for experienced choral students. Students must be able to take pitch and sight read or learn music at a fast rate. Advanced choral/vocal music literature for the small ensemble is studied and performed in school concerts, festivals, and special performances for community organizations.

(H) AP MUSIC THEORY

Grade: 10, 11, 12

Credit: 1.0

Prerequisite: Teacher approval and concurrent enrollment in Concert Choir 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 AP Music Theory exam in the spring.

Meets Honors Diploma requirement

All choir members are expected to purchase a choir t-shirt (\$6-\$8) for informal performances.

ARTS AND COMMUNICATION

PERFORMANCE ARTS

CONCERT BAND

Grade: 9,10,11 **Credit** 1.0

Prerequisite: 1 or more years of band or lesson experience.

Fees: Include cost of \$40 for robe cleaning, Fall Retreat, Solo and Ensemble contest, and Choir sanctioned event fees.

This course is designed for students who wish to continue their instrumental music interests. All of the basics will be taught, and skill development will be emphasized. This band strives for continued development of general musicianship at a more advanced level and makes numerous public performances throughout the year. Private lessons are encouraged. Opportunities for solo and ensemble experience also are provided. Students are expected to participate in REQUIRED performances, including Pep Band and Marching Band. This will include an annual Band Camp scheduled one or two weeks prior to the first day of school. Full participation is the goal for 100% of our students. Students/families who believe they cannot meet the participation expectations should speak with the instructor prior to enrolling in the class. Band directors and school administrators may grant exceptions or propose alternatives to the participation requirements.

SYMPHONIC BAND

Grade: 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 audition and be placed according to the director's judgment. Private lessons are encouraged. Larger, more expensive instruments are provided by the school for a small yearly rental fee. This is a performing course with performances during and after school. All students taking this course should expect to attend MANDATORY performances and occasional rehearsals on evenings and/or weekends. This will include an annual Band Camp scheduled one or two weeks prior to the first day of school. Students are expected to participate in required performances, including Pep Band and Marching Band. Full participation is the goal for 100% of our students. Students/families who believe they cannot meet the participation expectations should speak with the instructor prior to enrolling in the class. Band directors and school administrators may grant exceptions or propose alternatives to the participation requirements.

JAZZ ENSEMBLE

Grade: 9,10,11,12 **Credit:** 1.0

Meets zero period

Jazz Ensemble is an instrumental course designed to study and perform styles of music native to American popular music. All musicians in jazz band must also be in concert band or symphonic band except piano, and electric guitar. The group rehearses four days a week. This is a performing course with performances during and after school. All students taking this course should expect to attend MANDATORY performances and occasional rehearsals on evenings and/or weekends. Full participation is the goal for 100% of our students. Students/families who believe they cannot meet the participation expectations should speak with the instructor prior to enrolling in the class. Band directors and school administrators may grant exceptions or propose alternatives to the participation requirements.

MUSIC PERCUSSION

Grade: 9,10,11,12 **Credit:** 1.0

Prerequisite: None.

Rock, Funk, Swing, and Salsa - Get in the groove! This is a course for all those who play drums, or want to play drums. Learn from professional drummers basic through advanced percussion techniques, including African drums, drum set, marching drums, mallets, and all aspects of making a beat. This is a performing course with performances during and after school. All students taking this course should expect to attend MANDATORY performances and occasional rehearsals on evenings and/or weekends. This will include an annual Band Camp scheduled one or two weeks prior to the first day of school. Full participation is the goal for 100% of our students. Students/families who believe they cannot meet the participation expectations should speak with the instructor prior to enrolling in the class. Band directors and school administrators may grant exceptions or propose alternatives to the participation requirements.

All choir members are expected to purchase a choir t-shirt (\$6-\$8) for informal performances.

ARTS AND COMMUNICATION

VISUAL ARTS

ART 1

Grade: 9,10,11,12

Credit: 1.0

Prerequisite: None.

Fee: \$50/Year

An exploratory course in Fine Arts. Students will work intensively in drawing, painting, composition, color, and design. This course gives the beginning student the visual awareness and technical skills to translate the 3-D world into a 2-D form. Art history and vocabulary are important aspects of Art 1.

ART 2

Grade: 10,11,12

Credit: 1.0

Prerequisite: "C" or better in Art 1 or instructor approval after portfolio review.

Fee: \$50/Year

Building upon the skills established in Art 1, this second year foundation course concentrates on enhancing the student's creative energy. Development of visual awareness, problem-solving, creativity, perspective and turning the ordinary to the extraordinary are all part of the Art 2 curriculum! Students will be introduced to elements of design, life drawing, illustration, color theory through the mediums of paint, pen and ink, and pastel.

ART 3

Grade: 11,12

Credit: 1.0

Prerequisite: "B" or better in Art 2 or instructor approval

Fee: \$50/Year

Art 3 is an advanced application course that develops the student's technical skills in drawing, painting, print making, and sculpture. Students concentrate on personal ideas and seeing a piece through from the initial idea to a polished, gallery-ready presentation. Advanced skills are honed in all areas of drawing, watercolor, and acrylics as well as composition and design. Students will learn to work directly from live subjects and "in the field." Visits from working artists, trips to museums, art schools, and galleries may be included as part of this course.

(H) A.P. STUDIO/ART 4

Grade: 11,12

Credit: 1.0

Prerequisite: "B" or better in Art 3 or instructor consent.

Fee: \$50/Year

Students work on an enlarged scale while refining skills, developing complex compositions, and beginning to define a personal style. Students will work on a range of teacher directed projects first semester then focus on a chosen concentration theme during second semester. An open studio format second semester allows students time, space, and materials to investigate a thematic approach to their chosen area of expertise and interest. One-on-one instruction and art criticism are important aspects of the Art 4/AP curriculum. Students will have a show schedule similar to

a professional artist in order to focus their career choices. Students will develop portfolios for art school entry and are exposed to expanded career opportunities from many art schools. Visits from working artists, trips to museums, art schools, and galleries may be included as part of this course. AP students will receive honors credit and will have summer assignments.

3-D ART 1

Grade: 9,10,11,12

Credit: 1.0

Prerequisite: None. Exploratory.

Fee: \$50/Year

This introduction to 3-dimensional art includes exploration of sculpture, using a variety of materials. Students will apply the elements and principles of design to objects which express the artist's culture and personal history. Reading, reflective writing, and art history are important aspects of this class.

3-D ART 2

Grade: 10,11,12

Credit: 1.0

Prerequisite: 3-D Art 1 or teacher approval. Foundation

Fee: \$50/Year

A second-year course available to students who have completed either 3-D Art 1. The materials and skills introduced in 3-D Art 1 (pottery, sculpture, and design) are used with greater skill and creativity. Emphasis is placed on developing a style and voice in working and discussing art. Students are expected to show initiative in their use of time and develop their ability to proceed independently. Field trips may be taken to studios, galleries, schools, and supply sources. Reading, reflective writing, research, art theory and critiques are important aspects of this class.

3-D ART 3

Grade: 11,12

Credit: 1.0

Prerequisite: "C" or above in 3D Art 1, 3-D Art 2 or teacher approval. Advanced level.

Fee: \$50/Year

A third-year course available to students who have completed 3-D Art 2 and wish to continue their education in the Fine Arts. In-depth study and studio experience may include architecture, sculpture, pottery, glass, installation, and performance art. Students will explore career opportunities in preparation for an advanced portfolio. Students are expected to self-motivate and work independently on projects both in and outside of class time. Visits to galleries, visits from working artists, and trips to museums and art schools may be included. Reading, reflective writing, research, and art theory are important aspects of this class.

AP STUDIO/3-D ART 4

Grade: 11,12

Credit: 1.0

Prerequisite: Art 3, "C" or above in 3-D Art 3 or teacher approval. Advanced Level

Fee: \$50/Year

A fourth-year course available to seniors who have completed 3-D Art 3 and wish to continue their education in the Fine Arts. FAME students and those preparing their Senior Project in 3-D Art will work with the class for a portion of the year; then work independently on their portfolio in preparation for the Senior Show. Students are expected to work at a college level and must be highly self-motivated. Visitations to galleries, visits from working artists, and trips to museums and art schools may be included. Students will prepare and present several Artist Statement in addition to other reading, reflective writing, research and critiques.

GRAPHIC DESIGN

Grades: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Art 1 highly recommended.

Fee: \$25/term

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 is highly recommended for students seeking a Focused Program of Study in Graphic Arts.

GRAPHIC DESIGN 2

Grade: 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. Focus in this class will be workplace-like experiences in advertising, marketing, and exploring ethical issues in advertising design.

INTEGRATED ARTS BLOCK (FAME)

Grade: 12

Credit: 2.0

(1 Language Arts, 1 Elective)

Prerequisite: Teacher recommendation for the Arts and Communication Focus Program of Study.

This course is required for the completion of the Arts and Communication Focused Program of Study. It integrates the content of the Humanities course with an elective that assists students with the skills necessary to complete a senior performance project. This project is the culminating demonstration in the chosen focus area of music, theatre, visual art or media. Students will also be involved in work in the community related to advanced work in arts and communication.

*** Focused Program of Study requirements on page 20**

BUSINESS EDUCATION

BASIC BUSINESS AND COMPUTER APPLICATIONS



Grade: 9, 10 **Credit:** .5
Prerequisite: Basic computer experience

Four PCC credits available

This course is designed for students interested in gaining knowledge of everyday business concepts, learning to utilize Microsoft's Office Suite, and developing their touch-typing skills. Students do not have to be accomplished touch typists to take the course, but will develop this skill during the course.

The course focuses on developing skills using Microsoft Word, Excel, PowerPoint, Publisher, and Access to create various business related documents and projects. Additional emphasis is placed on the development and importance of communications skills. Students will have the opportunity to participate in an on-line stock market simulation. This is the recommended exploratory course for Century's Business Focus Program of Study.

MARKETING LAB: "The Clawset"

Grade: 11,12 **Credit:** .5
Prerequisite: Marketing 1 & instructor approval.

The Marketing Lab offers a dynamic program of management functions. Students will participate in the management of a successful business, "The Clawset," Century High School's student store! Activities include: buying, pricing, making displays, cashiering, managing, employee training and food handlers card acquisition, and accounting.

MARKETING 1

Grade: 10,11 **Credit:** 1.0
Prerequisite: None.

This course offers students the opportunity to develop leadership skills and to plan for careers in marketing, merchandising, and retailing. Topics include success strategies, starting a business, advertising, promotion, merchandising, and business organization. Students have the opportunity to participate in DECA*. DECA members attend leadership conferences and competitive event activities throughout the United States. This is a great introductory business course for college-bound students or for students immediately entering the workplace. This course is required to earn a CAP or Focus Program of Study in Business.

MARKETING 2

Grade: 11, 12 **Credit:** 1.0
Prerequisite: Marketing 1, or instructor approval.

Marketing 2 is an advanced study course using the application of concepts through project-based learning activities. Topics include sports and entertainment marketing, marketing functions, market research, management functions, business organization, communications, advertising, and promotion. Many of the activities will help prepare students for DECA competitive events. This course is required to earn a CAP in Business. Students will also establish their CAP portfolio in this class.

MARKETING 3

Grade: 12 **Credit:** .5

Prerequisite: Marketing 1 & 2
(Accounting I required for CAP) This course is a marketing workshop geared toward enhancing and reinforcing the knowledge learned from previous business courses. Students will plan and implement a business marketing project demonstrating the ability to apply the business concepts learned from the Business CAP program. This course will utilize speakers from the business world to help students develop and understand business concepts. This is the final course requirement to receive the Business CAP and requires a Senior Project.

ACCOUNTING I

Grade: 11,12 **Credit:** 1.0
Grade 10 with teacher permission only
Prerequisite: None.

This course introduces basic account principles and procedures, including the accounting cycle for sole proprietorship, merchandising business, partnerships and corporations. Some of the key topics covered are profit/loss, asset management, payables and receivables, sales and purchases, and payroll. This course will also explore areas of finance, business, and business career opportunities. This course is required to earn a CAP in Business.

ACCOUNTING II

Grade: 11, 12 **Credit:** 1.0
Prerequisite: "C" or better in Accounting I

Accounting II will provide students to continue in exploring the basic principles learned in Accounting I. The topics included in coverage will be special journals, depreciation, merchandise inventory, and payroll accounting. Students will use computers and work books to learn the correct procedures. This course will prepare students for college-level accounting courses.

* Focused Program of Study requirements on page 21

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

ENGLISH AS A SECOND LANGUAGE (ESL)

NEWCOMER ESL

Grade: 9, 10, 11, 12 **Credit:** 2.0
Prerequisite: Meets ELPA level 1 or WMLS - R level 1 Placement Criteria

This course is designed to accelerate the acquisition of the English language for students newly arrived to the U.S. school system. Students have minimal English language proficiency and learn school procedures, introductory vocabulary based on thematic units, and cultural orientation. Selected mainstream classroom content may be covered with supplementary use of the first language in order to clarify concepts and facilitate a rapid transition to English.

ESL 1

Grade: 9, 10, 11, 12 **Credit:** 2.0
Prerequisite: Meets ELPA level 1 or WMLS - R levels 1- 2 Placement Criteria

This course is designed for Beginning to Early Intermediate English language learners. Student at this level are able to read and demonstrate comprehension of basic grade-level information with very limited fluency. Some students are able to read and demonstrate comprehension of simple or highly contextualized information with limited fluency. Students are able to speak and write using simple language with limited accuracy and fluency. This course incorporates content specific vocabulary in the teaching of the forms and functions of the English language at the student's proficiency level.

ESL 2

Grade: 9, 10, 11, 12 **Credit:** 2.0
Prerequisite: Meets ELPA level 2 or WMLS - R levels 2, 2.5 Placement Criteria

This course is designed for Intermediate English language learners. Students at this level require ongoing instructional support in all content area. They are able to read and demonstrate comprehension of limited grade-level information with significant support. They are able to speak using some complex language and write with simple academic language with some accuracy and fluency. This course incorporates content specific vocabulary in the teaching of the forms and functions of the English language at the student's proficiency level.

ESL 3

Grade: 9, 10, 11, 12 **Credit:** 1.0
Prerequisite: Meets ELPA level 3 or WMLS - R levels 2.5, 3 Placement Criteria

This course is designed for Early Advanced English language learners. Students at this level require additional instructional support. They are not yet independent at grade-level but are able to read and demonstrate comprehension of some grade-level information with approaching grade-level fluency. They are able to speak with increasingly complex language, and write with some academic language with adequate accuracy and fluency. This course incorporates content specific vocabulary in the teaching of the forms and functions of the English language at the student's proficiency level.

ESL 4

Grade: 9, 10, 11, 12 **Credit:** 1.0
Prerequisite: Meets ELPA level 4, 5 or WMLS - R 4, 4.5 Placement Criteria

This course is designed for Advanced English language learners. Students at this level require minimal instructional support. They are not yet independent at grade-level but are able to read and demonstrate comprehension of a range of complex and abstract grade-level information. They are able to speak and write using an extensive range of complex language with level of accuracy and fluency that closely resembles native English speakers.

FAMILY AND CONSUMER STUDIES

FOODS AND NUTRITION

Grades: 9,10

Credit: .5

Prerequisite: None.

Fee: \$25/Term and \$10 Food Handlers Card

This is the exploratory course for the Culinary Arts and Hospitality Focused Program of Study. The key components of this introductory course include fundamental cooking skills, the preparation of a wide variety of foods, and nutrition-related issues. Students will compare foods of various nutritional values as well as prepare and study foods from each of the food groups. Students are required to obtain a Washington County Food Handlers Card (available through this course).



GOURMET FOODS

Grades: 11,12

Credit: 1.0

Prerequisite: Foods and Nutrition

Fee: \$50/Year

This is the foundation course for the Culinary Arts and Hospitality Focused Program of Study. Through hands-on labs, group projects, and mini catering events, students will gain experience and knowledge in the food service and hospitality industries. Students will gain skills in basic food preparation, cost planning and inventory control. Students are required to have a current Food Handlers Card in order to fully participate in the class. This class utilizes the ProStart, Year 1 curriculum, which was developed by the National Restaurant Association Educational Foundation. This course is approved for college credit through Mt Hood Community College for those students who qualify.



(H) FEAST

FOOD EDUCATION AND SERVICE TRAINING

Grades: 12

Credit: 1.0

Prerequisite: Gourmet Foods; Marketing 1; a grade of "D" or better in Gourmet Foods.

Fee: \$50 Year

This is the culmination course for the Culinary Arts and Hospitality Focused Program of Study. In this course students will continue to practice food preparation and other skills for the food service and hospitality industries through hands-on labs. Special emphasis will be on the lodging industry, tourism, and marketing. Students are required to have a current Food Handlers Card in order to fully participate in the class. Experiences are gained by planning and catering events. This class utilizes the ProStart, Year 2

curriculum. This course is approved for college credit through Mt. Hood Community College for those students who qualify. This course meets senior project requirements. Students interested in the national ProStart certification will be required to complete a Paid work experience.

CHILD'S WORLD

Grades: 9,10,11,12

Credit: .5

Prerequisite: None.

This course explores the world of children from conception to age five. Studies include parenting and family relationships, stages and theories of development, health and safety, lesson planning appropriate activities, and much more. This course is a prerequisite for Child Services I and serves primarily as a training course for students wanting to work in the on-site preschool. As a part of this course, students will have opportunities to work hands-on with preschool aged children four times throughout the semester.



CHILD SERVICES 1

Grades: 11,12

Credit: 1.0

(10 with teacher approval)

(This course is approved for college credit at PCC if student qualifies.)

Prerequisite: Child's World

This course is for students exploring careers in education, child care, or related social services. Child Services 1 is a year-long course for students to gain the skills and knowledge necessary to work with children ages three to six. Students will play an integral part in running the Little Jags preschool by planning lessons, preparing activities, performing observations, and developing introductory job skills related to education.



(H) CHILD SERVICES 2

Grades: 12

Credit: 1.0

(This course is approved for college credit at PCC if student qualifies.)

Prerequisite: Child Services 1

This class is for students interested in careers in education, child care, or related social services. In this year-long course students will apply the skills learned in Child's World and Child Services 1 including: classroom management, teaching and learning strategies, and lesson planning. Students take on more of an active teaching role while working in the preschool. A senior project portfolio is the culminating project for this class.

DAYCARE WORK EXPERIENCE (NURSERY)

Grades: 10,11,12

Credit: .5

Prerequisite: Child's World or consent of instructor.

This course is designed to assist in the nursery and is available every period of the day. Students new to the program are required to apply for positions in the nursery.

Students who have passed Child's World will be given preference for enrollment in this class.

*** Focused Program of Study requirements on page 22 and 23.**

*** By completing Child Services 1 and Child Services 2, students are eligible to earn five credits through Portland Community College.**

HEALTH

A full year of health education is required for graduation. This class is designed to provide students information and concepts pertinent to healthful living and to promote healthy attitudes and behaviors. The Health Service CAP is offered to students who wish to pursue careers in any health-related field.

HEALTH

Grade: 10

Credit: 1.0

Prerequisite: None. Required class.

This course covers concepts and skills necessary for attaining and maintaining personal wellness (the combination of physical, mental/emotional, and social health) throughout one's life. Emphasis is placed on health-promoting behavior as the most effective measure for preventing premature death and disease and leading a fulfilling and productive life.

Concepts covered include: alcohol, tobacco, and other drug prevention; prevention and control of disease; promotion of environmental health; promotion of healthy eating; promotion of mental, social, and emotional health;

promotion of physical activity; sexual health promotion; unintentional injury prevention; and violence and suicide prevention.

Skills for accessing information, self management, analyzing influences, interpersonal communication, goal setting, decision-making, and advocacy are taught and/or practiced in a health context to promote life-long wellness.

This class meets the health requirement for both the state and the district, and is aligned to current state standards.

Health Services

(H) ANATOMY & PHYSIOLOGY HEALTH SERVICES I



Grade: 11, 12

Credit: 2.0

(SC 1.0 & EI 1.0)

Prerequisite: A passing grade in Health, Biology, and Math is strongly recommended.

This integrated course is designed for anyone interested in health, health science, or medical-related careers. It combines the science of anatomy and physiology with the application of human health concepts and skills. The human biology portion focuses on the body's systems. The anatomy and physiology of each system will be explored through labs and other activities.

HE 250 - Personal and community health issues will be covered with an option for PCC credit. All students will be FA/CPR/AED certified.

Students will have opportunities to explore related careers through speakers and site visitations, and are required to participate in a job shadow. They earn one credit of science elective and one elective credit.

(H) HEALTH SERVICES II



Grade: 12

Credit: 1.0

Prerequisite: A passing grade in Anatomy & Physiology/ Health Services 1 is required. Course is designed for Seniors.

This is the culmination course for the Health Services Program. This course will focus in greater depth on the body systems, their structure and function and the study of medical terminology. Students are required to complete an internship in the health science field as well as a service project, a compilation of a body of evidence and a research paper. Students will also receive their First Aid/CPR recertification. This course meets senior project requirements.

PCC, MP111 - Medical Terminology credit available.

*** Focused Program of Study
requirements on page 22.**

LANGUAGE ARTS

ENGLISH LANGUAGE ARTS 9

Grade: 9 **Credit:** 1.0 Language Arts
Prerequisite: None.

This course is a study of language and literature that explores poetry, prose, drama, short fiction, and novels. Students will analyze informational text in relation to the study of literature. Standards-based instruction and assessment in reading, vocabulary, grammar, critical thinking, speaking, listening, and literary response skills, as well as an introduction to academic research, media literacy, and the evaluation of sources, will give students the ability to structure an academic response to a variety of prompts. Academic language and vocabulary is embedded in instruction and formative assessments. This year-long course will prepare freshmen for advanced coursework and college/career readiness.

ADVANCED FRESHMAN ENGLISH BLOCK

Grade: 9 **Credit:** 2.0
(1.0 Language Arts and 1.0 Global Studies)
Prerequisite: Exceeds 8th grade state benchmarks in reading and writing. Teacher approval based on student application

The advanced block is designed to challenge freshmen in the areas of reading comprehension, analysis, and higher order thinking in English and World Studies. This fast-paced integrated course taught by two teachers fulfills the required 1.0 credit in Social Studies and 1.0 in English and is recommended for students who are self-motivated and college bound. Topics in English include: short story elements and analysis, the epic hero, Shakespearean drama, various literary genres integrated with World Studies topics, informational text reading strategies, and the development of advanced essay writing skills. Students will explore the required topics in world history using advanced readings and will demonstrate their knowledge through advanced writing, research, discussion, debate, and other activities. Outside reading and writing are a requirement for this class.

EXPANDED STRATEGIC LITERACY

Grade: 9,10,11,12 **Credit:** 1.0
Prerequisite:

Students who have not met benchmarks in reading will be scheduled for this course. Understanding and responding to informational text and literacy is the focus of this class. Comprehension, oral reading fluency, and literacy skills in content areas are stressed. Students may be enrolled for one semester or a full year.

ENGLISH LANGUAGE ARTS 10

Grade: 10 **Credit:** 1.0
Prerequisite: None.

This course is a study of world literature, both classical and contemporary. It builds upon the reading, analysis, critical thinking, listening, speaking, and writing skills taught in English Language Arts 9. Standards-based instruction and assessment will continue to develop students' ability to compare and contrast informational and literary text, and increase their competence with academic research, in order to support a claim or craft a high level response in different written genres. Academic language and vocabulary is embedded in instruction and formative assessments. Summative assessments are based on the ability to apply this knowledge. This course will introduce AP/IB concepts and strategies for future rigorous academic application.

ADVANCED SOPHOMORE ENGLISH

Grade: 10 **Credit:** 1.0
Prerequisite: Teacher recommendation.

This advanced course will be fast-paced and will cover topics in greater depth by incorporating higher-level literature and course work. The course will concentrate on American literature from 1900 -1945. Recommended for self-directed and college-bound students.

ENGLISH LANGUAGE ARTS 11

Grade: 11 **Credit:** 1.0
Prerequisite: None.

This course will require students to demonstrate understanding of eighteenth-, nineteenth- and early-twentieth-century foundational works of American literature. Building on analysis, critical thinking, speaking, listening, and writing skills, students will continue to make evidence-based claims while comparing multiple pieces of literary, informational, and historical text. Attention will be given to author purpose and the strategies authors employ in their writing. Students will apply this understanding, in multiple genres, to demonstrate how a writer's style contributes to the effectiveness of a selection. Argumentative, expository, and research writing are key instructional areas which will prepare students for college level writing requirements. Students will be expected to achieve proficiency levels in 11th grade reading and writing standards which expand on the 9-10 academic standard requirements.

ADVANCED JUNIOR ENGLISH

Grade: 11 **Credit:** 1.0
Prerequisite: Teacher recommendation

This course is for students with above-average reading and writing skills. The course includes a survey of American literature from the Civil War to the present,

composition, research skills necessary for college-bound students, grammar, and vocabulary development. Recommending teachers will consider grades and past performance.

(H) A.P. LANGUAGE AND COMPOSITION

Grade: 11, 12 **Credit:** 1.0
Prerequisite: Teacher recommendation

AP Language and Composition is a college-level course taught in a high school. To prepare for the AP exam as well as college success, students read and analyze mostly non-fiction writings, while honing expository composition skills. Discussions about literature and writing require critical, creative thinking and active classroom participation. Students will complete a summer reading assignment.

ENGLISH LANGUAGE ARTS 12

Grade: 12 **Credit:** 1.0
Prerequisite: None.

This course is a study of world literature (including Shakespeare), contemporary non-fiction, and historical documents. Students will analyze and integrate multiple source of information in diverse formats (including media) to make evidence-based claims. Analysis of the connection between literary style and author's purpose will be applied in multiple genres. Critical reading strategies, collaborative discussion skills, effective technology use, as well as argumentative, expository, and research writing, are tailored to create a successful bridge for students from high school to college and career.

ADVANCED SENIOR ENGLISH

Grade: 12 **Credit:** 1.0
Prerequisite: Teacher recommendation

This course emphasizes advanced skills in writing, literary analysis, oral communication, and reading. Students will write in a variety of forms and the focus will be on British and world literature. This course will prepare students for college-level work.

(H) A.P. LITERATURE AND COMPOSITION

Grade: 11, 12 **Credit:** 1.0
Prerequisite: Teacher recommendation

AP Literature and Composition is for students seeking college-level work in these areas. 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 Advance Placement examinations. Student will complete a summer reading assignment.

LANGUAGE ARTS

INTEGRATED ARTS BLOCK (FAME)

Grade: 12 **Credit:** 2.0
(1.0 Language Arts, 1.0 Elective)

Prerequisite: Teacher recommendation for the Arts and Communication Focused Program of Study.

This course is a requirement for completion of the Arts and Communication Focus Program of Study. It integrates the content of the Humanities course with an elective that assists students with the skills necessary to mount a senior performance project. This project is the culminating demonstration in the chosen focus area of music, theatre, visual art, or media. Students will also be involved in work in the community related to advanced work in arts and communications. This course fulfills the Language Arts requirement

CREATIVE WRITING

Grade: 9,10,11,12 **Credit:** .5

Prerequisite: None

**Does not meet Language Arts Graduation Requirements*

Students will explore different writing techniques and styles, experiment with genre, and read works that illustrate successful writing techniques. A writing workshop approach will encourage students to give each other feedback and suggestions. Students enrolled in this course must be willing to offer and receive constructive criticism. Students will submit finished pieces to *Virtuoso*, Century's literacy arts magazine

SPEECH AND DEBATE

Grade: 9,10,11,12 **Credit:** 1.0

Prerequisite: None.

Basic through advanced speaking and speech writing skills will be learned in this course. Students will give informative, persuasive, radio, and entertaining speeches. Debate and interpretive speeches, including prose, poetry and duos will be given. Competing in forensic competitions will be a part of the course, but not necessarily a requirement. Course can be repeated yearly for credit.

FORENSICS (Advanced Speech)

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

Prerequisite: Speech and Debate.

Emphasis is on individual improvement in all phases of speech skill with major focus on speaking at the competitive level. Competing at college and high school tournaments in Oregon is an integral part of this course. Debate, drama, and all speech activities are included in Forensics. Course can be repeated yearly for credit.

YEARBOOK STAFF

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

Prerequisite: Instructor consent and Journalism - Print

Elective only. *Does not meet Language Arts graduation requirement.*

The Yearbook staff produces the school's national award-winning yearbook. Students will participate in full staff planning sessions, conduct interviews, write copy and prepare page layouts, all on computers using PageMaker and Adobe Photoshop. **The staff must be able to meet deadlines, work under pressure, and act as responsible group members.** All staff must be willing to spend time after school.

JOURNALISM - PRINT

Grade: 9,10,11,12 **Credit:** .5

Prerequisite: None

Elective only. *Does not meet Language Arts graduation requirements.*

In this course, students are taught to write factual, clear, and concise newspaper stories. Attention will be given to feature writing, sports stories, and opinion writing (editorials, columns, and reviews). Students also will learn about interviewing, newspaper and magazine design, journalism ethics and law, and advertising. This course is a prerequisite for the newspaper and yearbook staff. A strong emphasis will be placed on meeting deadlines. Students enrolling in the course should have basic writing, spelling, and grammar skills, as well as at least a "B" average in previous English classes. Typing and basic computer skills are highly recommended.

LEARNING RESOURCE CENTER

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.

Language Arts Concepts and Applications - M

Grade(s): Suggested for 9-11

Placement Criteria: IEP Team Decision

Credit: 1.0 Language Arts Core Credit Standard or Modified 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.

Literacy-M

Grade(s): Suggested for 9-11

Placement Criteria: IEP Team Decision

Credit: .5 - 1.0 Elective Credit 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 Applications.**

Advanced Language Arts Concepts and Applications-M

Grade(s): Suggested for 9-11

Placement Criteria: IEP Team Decision

Credit: 1.0 Language Arts Core Credit Standard or Modified 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.

Applied Language Arts-M

Grade(s): 11-12

Placement Criteria: IEP Team Decision

Credit: 1.0 Language Arts Core Credit 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.**

Content Area Strategies 1-M, 2-M

Grade(s): Suggested for 9-12

Placement Criteria: IEP Team Decision

Credit: 1.0 Elective Credit 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.

Math Concepts and 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.

Math for Consumers and Citizens-M

Grade(s): 11-12

Placement Criteria: IEP Team Decision

Credit: 1.0 Math Core Credit 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.

LEARNING RESOURCE CENTER

Foundations for the Future I-M

Grade(s): Suggested for 9
Placement Criteria: IEP Team Decision
Credit: .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.

Foundations for the Future 2-M

Grade(s): Suggested for 10
Placement Criteria: IEP Team Decision based on transition needs
Credit: .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.

Careers-M

Grade(s): Suggested for 11
Placement Criteria: IEP Team Decision based on transition needs
Credit: .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.

World of Work-M

Grade(s): Suggested for 12
Placement Criteria: IEP Team Decision based on transition needs
Credit: .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.**

Transition-M

Grade(s): 12
Placement Criteria: IEP Team Decision based on transition needs
Credit: .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.

Work Experience Class-M

Grade(s): 10-12 repeatable
Placement Criteria: IEP Team Decision
Credit: .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.

Work Experience On Campus-M

Grade(s): 10-12 repeatable
Placement Criteria: IEP Team Decision
Credit: .5 elective

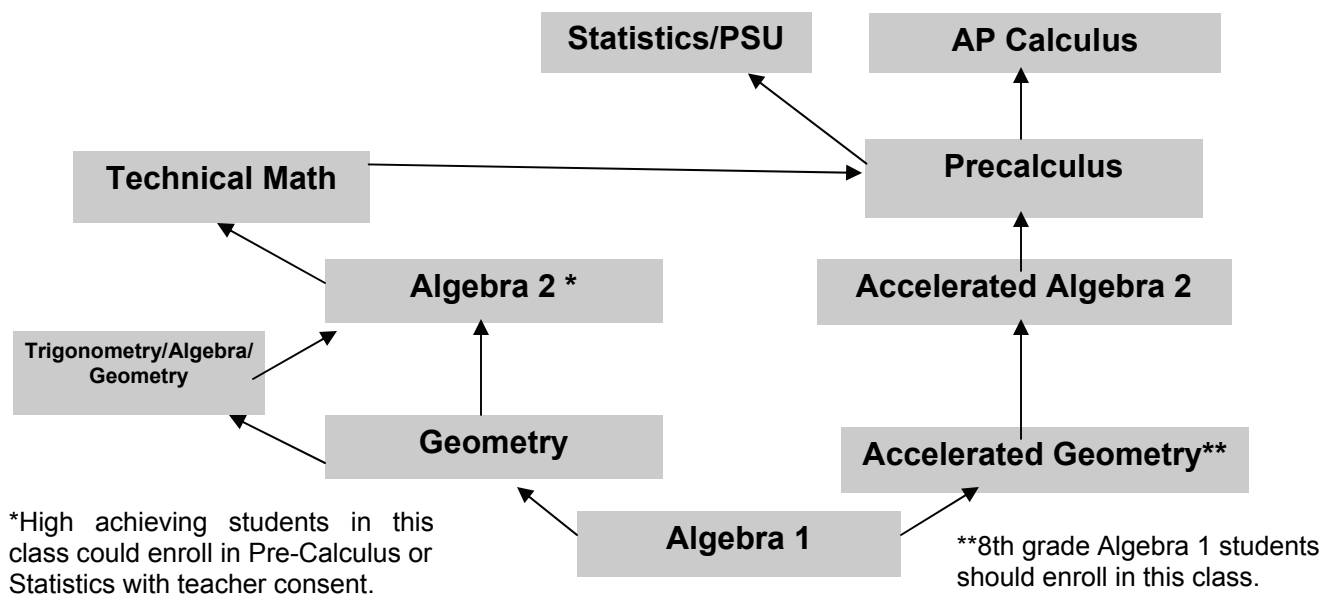
This course is designed for students who are ready for a more independent work environment and have shown initial development of foundation work-related skills. On campus work experiences are designed to further develop work habits and work communication skills. Students will learn what is expected in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

Work Experience Off Campus-M

Grade(s): 11-12 repeatable
Placement Criteria: Must be pre-approved by Transition Facilitators
Credit: .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.

MATHEMATICS



Students will need advanced level mathematics through Algebra 2 to enter four year colleges and universities. Math teachers strongly recommend grades of “C” or better in their current math courses for success at the next

ALGEBRA 1

Grades: 9

Credit: 1.0

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The course is based on the Common Core Mathematical Standards for Algebra 1. The critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students engage in methods for analyzing, solving, and using quadratic functions. The 5 critical areas of focus are: Relationships between quantities and reasoning with equations, Linear and exponential relationships, Descriptive statistics, Expressions and equations, and Quadratic functions and modeling. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

ALGEBRA 1 (Every day)

Grade: 9,10,11

Credit: 2.0

(1.0 Mathematics, 1.0 Elective)

This course is a full-year, double-credit course of the three-year math sequence. Algebra 1 is intended to help students meet current district and state standards. It is an introduction to the fundamental relationships between numbers and algebraic terms and properties. Topics include solving simple equations, systems of equations, using exponents, factoring, some geometry, and statistics and probability. Topics are stressed in an overall environment of problem-solving through

translation of problems into solvable equations. Algebraic concepts will be taught kinesthetically and abstractly, to help students understand algebra topics better. **A scientific calculator is strongly recommended.**

TRIGONOMETRY/ALGEBRA/GEOMETRY

Grade: 10,11,12

Credit: 1.0

Prerequisite: Teacher recommendation for students.

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. **This course does not meet NCAA or four year college admission requirements.** This class prepares for Algebra 2, which is necessary to attend a four year college or university. **A graphing calculator is strongly recommended.**

GEOMETRY

Grade: 9,10,11,12

Credit: 1.0

Prerequisite: C or better in Algebra 1.

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments.

The 6 critical areas of focus are: Congruence, proof, and constructions, Similarity, proof, and trigonometry, Extending to three dimensions, Connecting Algebra and Geometry through coordinates, Circles with and without coordinates, and Applications of probability. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations

ACCELERATED GEOMETRY

Grade: 9,10

Credit: 1.0

Prerequisite: Algebra 1 (“B” or better grade), with teacher approval.

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 strongly recommended.**

MATHEMATICS

ALGEBRA 2

Grade: 10,11,12

Credit: 1.0

Prerequisite: Geometry, Accelerated Geometry, ("C" or better grade) or teacher approval.

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The 4 critical areas of focus are: Polynomial, rational and radical relationships, Trigonometry functions, Modeling with functions, and Inferences and conclusions from data. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

ACCELERATED ALGEBRA 2

Grade: 9,10,11

Credit: 1.0

Prerequisite: Accelerated Geometry with teacher approval.

This rigorous course is the third course in the three-year classical sequence intended for advanced students with a solid background in algebra and geometry. This course uses functions as models for a number of applied situations. Geometric and algebraic concepts are extended and connected to topics in probability, statistics, and discrete math. Special emphasis of this course is seeing the nature of change in the world through data analysis, linear, polynomial, exponential, and logarithmic functions.

A graphing calculator is used daily and it is strongly recommended that each student have his/her own to use.

TECHNICAL MATH

Grade: 11,12

Credit: 1.0

Prerequisite: Algebra 2 or Accelerated Algebra 2 ("C" or better grade).

Students who have taken Pre-calculus are not eligible to take this class without teacher approval.

Technical Math utilizes algebra and geometry to solve a variety of technical problems. Topics include: applications of trigonometry, ratios and proportions, solid geometry, solving second degree equations, and a variety of problem-solving strategies. Applied labs will be used to illustrate concepts.

A graphing calculator is used daily and it is strongly recommended that each student have his/her own to use.

(H) PRECALCULUS

Grade: 10,11,12

Credit: 1.0

Prerequisite: Accelerated Algebra 2, Technical Math or Statistics or with teacher approval

Pre-calculus is a rigorous and demanding course that provides students with a solid theoretical foundation in functions, complex numbers, matrices, theory of equations and curve sketching, as well as the theory and application of circular trigonometry. These topics are covered thoroughly with multiple representations (theoretical, algebraic, graphical, and application to real-world problems) with extensive use of a graphing calculator. An introduction to important calculus concepts is seen in topics such as maxima and minima of functions and asymptotes of the graph of a function.

A graphing calculator is used daily and it is strongly recommended that each student have his/her own to use.

(H) A.P. CALCULUS

Grade: 11,12

Credit: 1.0

Prerequisite: Pre-calculus (B or higher) with teacher approval.

A.P. Calculus covers selected topics in differential and integral calculus with an emphasis on application to real-world situations and is introduced through the properties of limits. Students will need to do additional independent work. This class prepares students for the Advanced Placement Calculus (AB level) examination in May.

A graphing calculator is strongly recommended.

(H) STATISTICS/PSU STAT 243, 244

Grade: 12

Credit: 1.0

Prerequisite: Pre-Calculus

College Credit: Students who have at least a cumulative GPA of 3.0 and have already successfully completed Pre-Calculus may take this course for dual credit through PSU Challenge Program (STAT 243, 244; 8 credit, an approximate 65% savings).

Statistics is the collection and analysis of numerical data. Inferential Statistics using hypothesis testing and confidence intervals will also be studied. Probability is also studied, while being applied to normal populations. Students who plan to work in mathematics, business, social science, engineering, natural science, medical field or computers will find this course beneficial. **A graphing calculator is used daily and it is strongly recommended that each student have his/her own to use.**

PHYSICAL EDUCATION

After basic development and skill work at the freshman and sophomore level, students will participate in a lifetime sports program. Emphasis is placed upon personal physical fitness and lifetime sports.

All courses offered by Hillsboro School District are co-educational except those that involve physical contact as defined by Title IX guidelines.

PHYSICAL EDUCATION 1

Grade: 9 **Credit:** .5
Prerequisite: None.

This course promotes physical fitness; aerobic and anaerobic, flexibility, strength, and cardiovascular endurance. A wide range of activities are available to increase knowledge, skill, understanding, and appreciation of recreational activities and sports. The course stresses sportsmanship and desirable social habits. Academic curriculum content is included.

PHYSICAL EDUCATION 2

Grade: 10 **Credit:** .5
Prerequisite: None.

This course allows students to participate in various team sports and individual/dual sports. There is an aerobic and anaerobic element. Skills are developed primarily through daily participation, giving students the skills to continue a physically active lifestyle. Sophomores may elect to take another semester of P.E. using the elective selections listed on this page. Academic curriculum content is included.

DANCE

Grade: 9, 10, 11, 12 **Credit:** .5
Prerequisite: None

This is a beginning dance course that includes beginning dance techniques and conditioning. Students will learn a variety of jazz, ballet, and hip hop. Opportunities for creating choreography will be provided.

This class does not fulfill P.E. 1 or 2 requirements.

COURT SPORTS

Grade: 9,10,11,12 **Credit:** .5
Prerequisite: None.

Court Sports is an elective fitness class which provides students with the opportunity to play sports with less physical contact. Students will participate in activities such as: badminton, volleyball, tennis, and pickle ball, etc. Singles and doubles, league play, and tournament play for each sport will allow students an opportunity to explore their single strengths and interests. ***This class does not fulfill the P.E. 1 or 2 requirements.***

TEAM SPORTS

Grade: 9,10,11,12 **Credit:** .5
Prerequisite: None.

Team Sports is available on an elective basis to all students, either on a semester or full-year basis. A warm-up is followed by sports and games designed to be competitive while allowing for personal achievement.

This class does not fulfill the P.E. 1 or 2 requirements.

STRENGTH TRAINING AND CONDITIONING

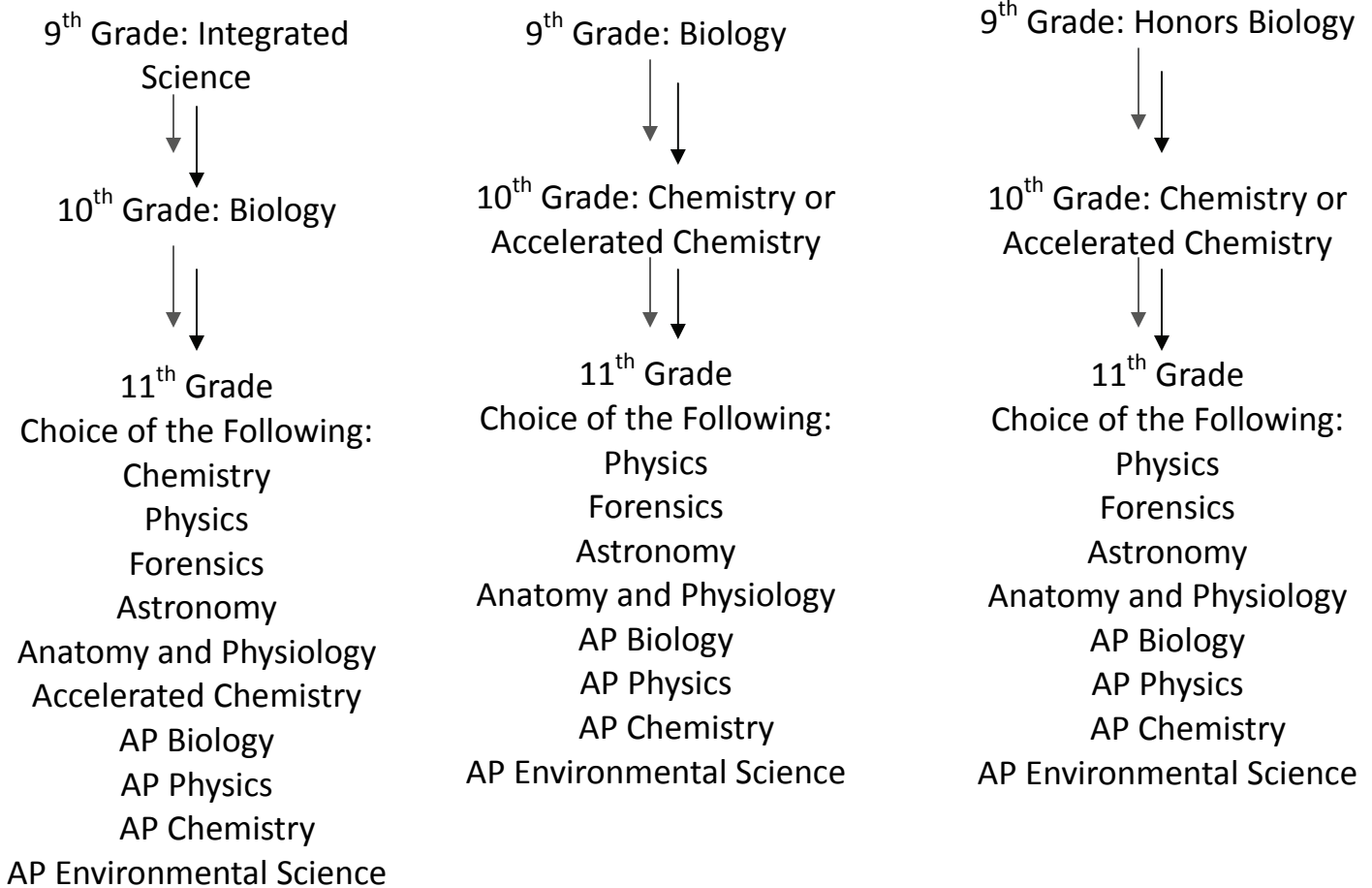
Grade: 9,10,11,12 **Credit:** .5
Prerequisite: None.

This course is recommended for self-motivated students who wish to achieve a high level of physical development through weight training, running, flexibility work, and conditioning. Throughout this course, students will be introduced to, and participate in, the basic elements of developing a weight training program and the proper form and techniques of various lifts. Students will use stretching exercises to increase flexibility speed, agility, and endurance. Students will learn basic anatomy and nutrition as they relate to fitness, and work towards personalized goals. ***This class does not fulfill the P.E. 1 or 2 requirements.***

\$4.00 per semester for towel fee for all courses

Science

Science Pathways



Science Requirements and Options

In order to prepare to meet the state science requirements for graduation, students are required to enroll in Integrated Science or Biology in Grade 9 and two additional lab sciences in Grades 10 - 12. Students must have three (3) credits of lab science to graduate. Students may elect advanced and accelerated options.

Both semesters of Biology must be completed in order to graduate.

*College - bound students are encouraged to take four years of science, one course each year.

SCIENCES

INTEGRATED SCIENCE

Grade: 9, 10

Credit: 1.0

Prerequisite: None.

Integrated science is a course designed to help students link science concepts and science skills in physics, earth science, and chemistry. Students will build upon knowledge and skills learned in previous science courses as they continue to prepare to meet the science standards. Students will learn to make real-world connections between science and their lives.

BIOLOGY

Grade: 9, 10, 11, 12

Credit: 1.0

Grade 9 with concurrent enrollment in Geometry or higher.

Prerequisite: None.

Biology is an introductory science course that explores the basic principles of modern biology and builds on scientific practices used in advanced science courses. Topics include: ecology, molecular and cellular biology, genetics evolution, and organismal biology. Throughout the course students will focus on patterns, processes, and relationships of living systems. Interactions and inter-dependence of living systems will be explored through observations, experiments, models, and technology. Scientific literacy through reading and writing in science is emphasized. **All students must pass both semesters of Biology to graduate.**

HONORS BIOLOGY

Grade: 9

Credit: 1.0

Prerequisite: Enrolled in accelerated geometry concurrently or a higher level of math.

Honors Biology is a challenging freshman preparatory course for High School Accelerated and AP Science classes. Student inquiry and laboratory work with microscopes and other lab equipment is emphasized. The content of the course includes biochemistry, the cell, organizational and taxonomical patterns in living things, via dissections, genetics and function of nucleic acids, regulatory processes that control and coordinate life functions, evolution, and relationships and interactions of organisms and the environment. Projects and inquiry activities are emphasized requiring student time out of class. **(This course does not meet Senior Honor Diploma requirement).**

CHEMISTRY

Grade: 10, 11, 12

Credit: 1.0

Prerequisite: Passing grade in Integrated Science and/or Biology.

Chemistry explores physical interactions through an atomic perspective, which will involve laboratory work and demonstrations. Major topics of study include atomic and molecular structure, properties of matter, chemical and physical reactions, energy transfer, nuclear processes, and electromagnetic radiation. Scientific literacy through reading and writing in science is emphasized.

Mastery of Algebra I concepts is vital to success in this class.

This class does not adequately prepare students for AP sciences

ACCELERATED CHEMISTRY

Grade: 9, 10, 11, 12

Credit: 1.0

Prerequisite: Passing grade or concurrently enrolled in Algebra 2.

A college AP science preparatory course for students interested in engineering, scientific, or medical careers or those who desire a challenging science course. Accelerated Chemistry deals with many of the modern theories of chemistry, including quantum theory, bonding theory, kinetic theory, acid-base theories, and organic chemistry. 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 year and then utilized in different situations throughout the year. This approach is useful in other areas of study and vital in college science studies. Descriptive chemistry is taught through laboratory work and demonstrations.

PHYSICS

Grade: 10, 11, 12

Credit: 1.0

Prerequisite: A or B in Integrated Science and Geometry or higher.

Physics explores the laws of the universe, integrating concepts and observations with mathematical descriptions of phenomena. Topic include: the interaction of forces, motion, energy, electricity, magnetism, sound, and light. Scientific inquiry, experimental design, and analysis through laboratory work are integral parts of this course. Scientific literacy through reading and writing in science is emphasized.

(H) A.P. PHYSICS B

Grade: 11, 12

Credit: 1.0

Prerequisite: Passing grade in Algebra 2

This course is designed to provide a firm foundation in physics for students intending to emphasize science or engineering in their college or university education. Topics are covered in five units; Newtonian Mechanics, Fluid Mechanics and Thermal Physics. All units will be reinforced with laboratory experiences. Students are strongly encouraged to take the Advanced Placement Physics examination offered by the College Board in May. Students should have their own scientific calculator and laboratory binder. **Mandatory class meeting in May.**

FORENSIC SCIENCE

Grade: 11, 12

Credit: 1.0

(Grade 10 with instructor approval)

Prerequisite: Biology, and Chemistry required.

Forensic Science looks at the variety of scientific techniques used in the exploration and establishment of facts or evidence from a crime or investigation. This multi-disciplinary perspective utilizes skills from many fields of science such as archaeology, chemistry, biology, geology, criminology, molecular biology, and anthropology. In this course students will learn techniques of collection and analysis to aid in the evaluation of a crime scene or investigation that can include violent crime, environmental hazards, accidents, and/or the establishment of identity and paternity.

SCIENCES

(H) A.P. ENVIRONMENTAL SCIENCE

Grade: 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.

Meets Honors Diploma Requirement.

(H) A.P. BIOLOGY

Grade: 11,12

Credit: 1.0

Prerequisite: Biology required. Accelerated Chemistry strongly recommended, or teacher recommendation.

AP Biology is designed for students highly interested in science and who are planning on attending college. It is a rigorous course that places emphasis on molecular and cellular biology, anatomy and physiology of plants and animals, genetics, chemistry, ecology, evolution and organic chemistry, plus required labs. Students in this course should have superior study habits and excellent attendance. Students should be willing to commit extra time for required labs.

Summer reading is required.

(H) AP CHEMISTRY

Grade: 11,12

Credit: 1.0

Prerequisite: Accelerated Chemistry and Algebra 2 with a grade of "B" or better. Chemistry students with a "B" or better are accepted with Teacher Approval.

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. AP Chemistry included and in-depth study of inorganic chemistry topics including the study of thermodynamics, reaction kinetics, oxidation-reduction reactions, chemical equilibrium, electrochemistry, and qualitative analysis. All topics will be reinforced with advanced-level laboratory experience.

Students are strongly encouraged to take the Advanced Placement Chemistry Exam offered by the College Board in May. For satisfactory performance on the AP Exam, students could receive college credit, and possible lab credit at most universities.

Students should expect to attend study sessions/Lab sessions outside of class time. **A summer assignment reviewing 1st year chemistry is required with textbook reading and problems to be completed.**

(H)ANATOMY & PHYSIOLOGY/ HEALTH SERVICES I

Grade: 11,12

Credit: 2.0

(1.0 Science and 1.0 Elective)

Prerequisite: Passing grade in Chemistry and Biology highly recommended.

This course is designed for students interested in health, health science, or medical related careers. This integrated block course is a study of anatomy and physiology. The human biology portion focuses on the body's systems. The anatomy and physiology of each system will be explored through labs and other activities. Health topics include wellness, nutrition, drugs, disease, mental health, and marriage and family. PCC credit will be offered for HE250.

Students will have opportunities to explore related careers through speakers and site visitations, and are required to participate in a job shadow. They earn one credit of science and one elective credit.

(H) HEALTH SERVICES II

Grade: 12

Credit: 1.0

Prerequisite: Anatomy & Physiology/Health Services 1 is required. Course is designed for Seniors.

This is the culminating course for the Health Services Program. This course will focus in greater depth on the body systems, their structure and function, and applications of diagnostic practices. Medical terminology will be incorporated throughout. Students are required to complete an internship in the health science field, as well as a service project and a compilation of a body of evidence. This course meets senior project requirements. MP111 is offered for PCC credit.

ASTRONOMY

Grade: 10,11,12

Credit: 1.0

Prerequisite: Passing grade in Integrated Science

Astronomy studies the planet we live on and its place in the solar system. The relationship of the Earth to its place in the solar system and beyond are also studied. Topics include stellar astronomy, nuclear fusion, life cycles of stars, planetary movements and positions; methods and instruments used in the collection of astronomical data, and other objects in our universe are studied. *Mastery of Algebra skills is vital to success in this class.*

WORLD LANGUAGES

FRENCH 1, SPANISH 1, JAPANESE 1

Grade: 9,10,11,12
Prerequisite: None

Credit: 1.0

Students will acquire basic language tools and vocabulary to talk about experiences in the present. Students will work toward a beginning level of language proficiency in speaking, listening, reading, and writing. In Japanese, two phonetic alphabets, Hiragana and Katakana, are targeted. Cross-cultural understanding is explored.

FRENCH 2, SPANISH 2, JAPANESE 2

Grade: 9,10,11,12

Credit: 1.0

Prerequisite: Demonstrated proficiency or a "C" or better at Level 1.

Students will continue to develop their level of communicative proficiency to expand on past experiences and interests. Students will increase vocabulary and understanding of language structure. In Japanese, Kanji is introduced. Cross cultural understanding is explored.

SPANISH 3,

Grade: 10,11,12

Credit: 1.0

Prerequisite: Demonstrated proficiency, a "C" or better at Level 2, or teacher permission.

Students will continue to build reading and writing skills. Student proficiency will increase through oral conversations, skits, and real life simulations. Advanced grammar will be emphasized. Cross cultural understanding is explored.

(H) SPANISH 4

Grade: 11,12

Credit: 1.0

Prerequisite: Demonstrated proficiency, a "C" or better at level 3, or teacher recommendation.

Students will put into practice the tools learned in Spanish 1, 2, and 3. This honors course will provide an introduction to college level work in grammar, speaking, literature, and composition.

(H) AP SPANISH

Grade: 11, 12

Credit: 1.0

Prerequisite: A "C" or better in Spanish 4, placement test or teacher recommendation.

This course is a continuation of the college-level work in grammar, literature, speaking and composition introduced in Spanish 4. Students completing this course will have the opportunity to take the Advanced Placement exam in May.

Language Proficiency Exam

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 in Arabic, Chinese, French, German, Latin, Japanese or Spanish 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.

* If a student registers for a class out of sequence, they must demonstrate proficiency by exam or have a teacher recommendation

SOCIAL SCIENCES

The **Human Resource Services** program of study provides students with a full range of courses that will lead to high level mastery in their chosen area of study.

Exploratory level courses introduce the basics. **Foundation** classes provide a fundamental understanding of human resources. **Advanced Application** courses provide an opportunity for students to extend their knowledge and pursue their individual interests.

See page 23 for the **Human Resource Services** Focused Program of Study information and chart.

Required Courses

WORLD STUDIES

Grade: 9

Credit: 1.0

Prerequisite: None.

This full-year freshman course is designed to better acquaint students with the study of major world developments, increasing their knowledge of geography and history and how these studies relate to the world today. *World Studies* will also focus on the development of specific skills such as summarizing, categorizing, synthesizing, and analyzing various types of information. These skills will help students to increase their field-specific reading and writing ability. Students will also be encouraged to develop their speaking skills during informal discussions and formal presentations. This class is structured in a format that will include analysis of primary sources and discussion of this material.

US HISTORY

Grade: 11

Credit: 1.0

Prerequisite: None. Required class or AP U.S. History

This course examines the major themes, events, and people that have influenced American history from 1864 to the present. Events related to the political, economic, and social development of America will be covered in depth throughout the year, with special attention paid to identifying linkages between past and current events. Students in this course will analyze and discuss a broad variety of problems that have influenced the development of American history, with an emphasis on how evolving norms have influenced the way that we study history. The major goals of this course are to encourage the on-going development of the skills of historical analysis, synthesis and critical thinking.

ECONOMICS

Grade: 12

Credit: .5

Prerequisite: None. Required class or AP Economics

This course examines the principles and concepts of micro and macroeconomics, explores comparative economic systems, and the world economy. *Economics* also includes a personal finance unit with the goal of individual financial literacy.

PEOPLE AND POLITICS

Grade: 12

Credit: .5

Prerequisite: None. Required class or AP Government

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 in-

clude 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 Placement Courses

(H) A.P. EUROPEAN HISTORY

Grade: 10, 12

Credit: 1.0

(Elective)

Prerequisite: Teacher Recommendation Strongly Advised

This advanced, year-long course, will provide students an opportunity to study European History from the late Middle Ages to the present. Students will study the politics and governments of the major countries and, also, philosophy, art, religion, and society across the ages. Students will be expected to read, write and participate in active discussions and projects. This course is recommended for self-directed and college bound students. **Summer assignment required.**

It is an expectation that all students will take the A.P. exam.

(H) A.P. UNITED STATES HISTORY

Grade: 11, 12

Credit: 1.0

Prerequisite: Teacher Recommendation Advised

Advanced Placement United States History is designed to be the equivalent of a freshman college survey course; it encourages students to become apprentice historians able to use historical facts and evidence in the service of creating deeper conceptual understandings of critical developments in U.S. history.

The course is organized into nine historical periods that run from the pre-colonial era to the present; key concepts and supporting concepts, as well as historical developments, are required knowledge for each period. Emphasis is placed on the development of thinking skills used by historians and aligning with contemporary scholarly perspectives on major issues of U.S. history.

Students will read an average of 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 six hours per week to homework and study, are necessary to succeed. Course work and assessments are designed to enhance student preparation for the College Board's Advanced Placement U.S. History Exam in May. It is an expectation that all students will take the A.P. exam for the course. Students may be required to complete a summer assignment involving reading and research before the course begins in the fall. Students must complete and pass the final semester of the course to fulfill the U.S. history requirement for graduation.

(H) A.P. GOVERNMENT

Grade: 12

Credit: 1.0

Honors (.5 Government and .5 elective)

Prerequisite: Teacher Recommendation Advised

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 AP exam may receive college credit for the class.

Summer Assignment maybe Required.

Students are required to complete the entire course to receive the required credit.

It is an expectation that all students will take the A.P. exam.

(H) A.P. ECONOMICS

Grade: 12

Credit: 1.0

Honors (.5 Economics and .5 elective)

Prerequisite: Teacher Recommendation Advised

AP Economics addresses both micro and macro economics. AP exams in Micro and Macro Economics are offered in May.

AP Microeconomics is the study of how individuals, households, business, and government make economic decisions. Content focuses on the fundamentals of economics: scarcity, opportunity cost, supply and demand, market structures, firms' cost curves, and factor markets. The purpose of AP Macroeconomics is to give students a thorough understanding of the principles of economics that apply to economic systems as a whole. This course places particular emphasis on the study of national income, fiscal and monetary policy, economic performance measures, economic growth, and international economics.

Work load is substantial - students will be expected to read extensively and complete challenging assignments in preparation for the AP exams.

Summer assignments required.

Students are required to complete the entire course to receive the required credit.

It is an expectation that all students will take the A.P. exam.

*** Focused Program of Study requirements on page 23**

SOCIAL SCIENCES

Focused Program of Study

PAC I: PROFESSIONS ASSISTING THE COMMUNITY

Grade level: 11 **Credit:** 1.0
Prerequisite: None

This course is the foundation for the Human Resources Focused Program of Study. Students will explore 3 career areas in depth: education and human development, law, and social services. Students will identify and research current issues and participate in community-based projects which will emphasize workplace connections and career opportunities. This course also prepares students for PAC II, Politics and the Community, in the senior year.

To be eligible for the Human Resources Focused program of Study cord, students must earn a B or higher in their PAC I and PAC II classes, as well as their chosen elective in Social Studies

PAC II: POLITICS AND THE COMMUNITY

Grade level: 12 **Credit:** .5
(.5 Senior Project requirement.)
Prerequisite: PAC I

PAC II is the culmination of the Human Resources Focused Program of Study. It will continue PAC I's goal of college and career readiness and will focus on community activism. Students will design and implement their senior project during this class. Senior projects could include: a campaign to get a new sidewalk installed near school, organizing a public forum on a voter initiative, or running a mock election. In addition, each student will complete an internship related to his or her career interest as well as attend two community meetings that will be completed outside of class.

To be eligible for the Human Resources CAP-cord, students must earn a B or higher in their PAC I, PAC II and either You and the Law or Psychology/Sociology classes, as well as meet the state benchmarks in math, reading, speaking, science and writing.

College Core Electives

PSYCHOLOGY/SOCIOLOGY

Grade level: 10, 11, 12 **Credit:** 1.0
Prerequisite: None.

Do you want to understand the "inner" and "outer" forces of human behavior? To have a better understanding of the origins and motivations of human behavior and social patterns, social groupings and actions within groups? Are you wondering why we THINK-ACT-FEEL as we do? This course will explore areas such as personality, the human brain, mental illness, stages of development, culture, race, gender, power, institutions, and scientific methods. Project work, readings, and studies will be an integral part of this course.

YOU AND THE LAW

Grade: 10, 11, 12 **Credit:** 1.0
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. Students will discover how social class, race, gender, hierarchy, and classes of criminal and civil offenses influence what happens to people. Mock Trials and applications of scientific methodology give this class a "hands-on" approach.

HISTORICAL ISSUES OF THE 20TH AND 21ST CENTURIES

Holocaust Studies

Grades: 10, 11, 12 **Credit:** .5
Prerequisite: None.

This is an elective course that will examine issues from the 20th and 21st Century. This course is designed to help students evaluate history with a more thoughtful and worldly perspective. Students will evaluate primary sources and conflicting interpretations of History. The course will examine the roots of prejudice and history of anti-Semitism, the rise of Hitler and the Third Reich, the events of the Holocaust as it evolved, organizational and individual responses to the Holocaust, and genocide and intolerance today.

* Focused Program of Study requirements on page 23

TECHNOLOGY EDUCATION

INTRODUCTION TO DIGITAL TECHNOLOGIES

Grade: 9,10 **Credit:** .5
Prerequisite: None.
Fee: \$25/Term

This course introduces students to all the opportunities offered within the digital technologies department. Topics covered include Laser Cutting, 3D Printing, Programming, and Computer Aided Drafting and Design, GPS, and Web Design.

ADVANCED TECHNOLOGY LAB

Grades: 10,11,12 **Credit:** .5
Fee: \$25/Term

This challenging and fun course emphasizes designing, creating, inventing, and troubleshooting. Projects include bridge building, Lego Robotics, digital photography/movie making, Laser and Vinyl Cutting, 3D Printing. This course requires students to apply knowledge of technology to real-world problem solving.



WEB DESIGN

Grade: 10,11,12 **Credit:** 1.0
Prerequisite: None

This course focuses on the creation and maintenance of web pages. Students will learn the essentials of HTML and CSS using a text editor and web graphics using Photoshop Creative Suite. Topics include website creation, web page elements, production tools, graphics, layout and design, and animation.

APPLIED WEB DESIGN

Grade: 11, 12 **Credit:** 1.0
Prerequisite: Web Design I or instructor permission

Web Design will continue development of skills using authoring tools to design and maintain web sites. Students will complete independent projects, help maintain and update the school's website. Topics may include generation of forms, CGI, dynamic content, creation of databases, JavaScript, incorporation of multimedia files, and implementation and hosting. A major portion of the class will be an independent project, which could satisfy senior project requirements using Notepad ++, and Photoshop Creative Suite.

PROGRAMMING 1

Grade: 11, 12 **Credit:** 1.0
Prerequisite: Algebra or Instructor permission

This course begins with developing understanding of concepts and skills. No programming experience is required. Students are encouraged to develop a professional approach to programming, which involves solving a problem through careful designing, coding, and documenting of programs. Later, students will use advanced programming applications with an emphasis on object-oriented programming. Topics will include variables, expressions, statements, functions, conditionals, recursion, loops, and sequences.

PROGRAMMING 2

Grade: 11, 12 **Credit:** 1.0
Prerequisite: Programming 1 or Instructor Permission.

Programming 2 is an introduction to object-oriented program design. Students will learn to solve problems and explore game development by learning to process standard data structures with standard algorithms. Students will use the skills learned in Programming 1 to attack more advanced programming applications using an industry-standard language such as C++ or Java. A major portion of the class will be an independent project, which could satisfy senior project requirements.

ENGINEERING PREP

Grade: 12 **Credit:** 1.0
Prerequisite: Advanced Tech Lab
Fee: \$40/Year

Engineering Prep introduces careers in various areas of engineering coordinated with course work that may include electronics, microelectronics, and civil engineering topics. Students are expected to design and complete required group projects, and to participate in a variety of design challenge activities that may lead to competitions. Senior Seminar project will be completed in this course.

DRAFTING TECHNOLOGY 1

Grade: 10, 11, 12 **Credit:** 1.0
Length: Semester
Prerequisite: None
Fee: \$40/Year

In this course, students will learn how to make various objects using one or more of the following methods: geometric constructions, multi-view drawings, sectioning, isometric, oblique, perspective and developments. How to dimension a drawing and how to letter properly will be included. Students will use Rhino 3D and Solidworks software.

(H) DRAFTING TECHNOLOGY 2

Grade: 11, 12 **Credit:** 1.0
Length: Semester
Prerequisite: Drafting Technology 1
Fee: \$40/Year



Students who desire to follow a career in engineering or drafting should register for this course. The course of instruction will include: advanced multi-view projections, sectioning, pictorial drawings and development, dimensioning, intersections, cams gears, welding drawings and symbols, auxiliary views, threads and fastenings, assembly drawings, and lettering. Reading in current technical publications is also a part of this course. Students will use Rhino 3D and Solidworks software.

ARCHITECTURAL DRAFTING 1

Grade: 10, 11, 12 **Credit:** 1.0
Length: Semester
Prerequisite: None
Fee: \$40/Year

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. Reading in current technical publications is also a part of this course. Students will use Chief Architect software.

ARCHITECTURAL DRAFTING 2

Grade: 11, 12 **Credit:** 1.0
Length: Semester
Prerequisite: Architectural Drafting 1
Fee: \$40/Year

Students will select a building site and create a floor plan for a home to suit that site. New trends in architecture, real estate, architectural and roof styles, building costs and financing will be studied. Reading in current technical publications is also a part of this course. Students will use Chief Architect software.

* Focused Program of Study requirements on page 24

ON & OFF CAMPUS SUPPLEMENTAL OPPORTUNITIES

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 counselors for further information.*

Student Government

Grade: 9, 10, 11, 12 **Credit:** 1.0
Prerequisite: Elected or appointed to a student government office. Required for all officers. (Teacher approval.)

This year-long course is mandatory for all elected and appointed Student Government members. Advanced leadership skills will be reinforced while students plan for, run, and evaluate most of the activities within the school. Community service and school improvement projects are also a part of this class.

Requirements for this course include participating in and working at three mandatory work weekends, multiple service projects, a summer leadership retreat, a back-to-school work-week, as well as one Oregon Association of Student Councils or National Association of Student Councils conference, camp or Leadership workshop.

* Focused Program of Study requirements on page 25

Student Aide

Grade: 9,10,11,12 **Credit:** .5
Prerequisite: Staff approval.

Student aides become involved in a variety of learning experiences either on or off campus. Students may work with and assist teachers in a variety of ways, work in counseling, attendance and administration offices, assist in the library or bookstore, and in many other capacities on the campus. Off-campus aides generally assist teachers in one of the middle or elementary schools. Student aides participate in their activity five days per week. See counselor for application.

AVID

(Advancement Via Individual Determination)

Grades 9, 10, 11, 12

Credit 1.0

Prerequisite: Commitment of parent and student, interview with teacher, 2.0 GPA, and enrollment in college prep classes.

AVID is an in-school academic support program for grades 9-12 that prepares students for four-year college and university eligibility and success. AVID targets students in the academic middle. AVID students must commit to enrollment in a rigorous college preparatory sequence of courses. Students will learn and apply study skills and learning strategies to improve performance in their other classes. Note taking, outlining, writing, speaking, reading, test strategies and self-awareness are stressed, including college research activities and SAT and ACT test preparation. Students will be coached individually and in study groups by specially trained tutors. AVID's systematic approach increases students' chance for success in four-year colleges while supporting school-wide/district-wide learning and performance goals.

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.

Project Success

Grade: 9

Project Success is a program designed to assist a small group of 9th grade students who have demonstrated potential for success in school but who are presently experiencing difficulty with school performance (e.g., attendance, grade point average, and/or discipline referrals). The course focuses on exploring more effective methods of solving problems related to school through developing skills in self-responsibility, time management, problem-solving, conflict resolution, smart decision-making, communication, healthy relationships, etc. The program also includes an individualized assessment of each student's needs and can include a counseling component as well as coordination of services within the school and community.

Talented and Gifted (TAG)

Students may be identified as intellectually gifted and/or academically talented in reading and/or math. In order to identify all students who qualify for TAG services, any student who has the potential to perform in the 97-99 percentile range on standardized tests may be referred for screening.

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.

Proficiency-Based Credits

Grades: 11, 12

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.

Credit Recovery

Grade: 12 (11, if space is available)

Credit: .5

Prerequisite: Counselor recommendation

Credit recovery provides an opportunity for students 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.

Peer Tutoring Course

Grade: 11, 12 **Credit:** 0.5 (graded)

Prerequisite: Staff Approval

The objective of this course is to successfully tutor students. These methods include one-on-one and small group tutoring which will occur in the classroom under the supervision of a teacher. Tutors will work with students of differing ability levels. Peer tutors will be required to keep a daily log of the students they tutor and the material covered. Additionally, at the end of the semester, peer tutors will turn in a two-page reflection paper. If they have successfully fulfilled the requirements above, the grade for the semester will be assigned based on attendance.

Courses At Other District High Schools

Some "specialized" courses and programs are offered at other high schools in the District. Transportation is the responsibility of the student. Please see a counselor for details.

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 include on-site childcare, parenting classes, and early childhood education. The low student-teacher ratio allows for small group instruction and individual counseling. Applications are accepted and interviews occur twice a year.

Outreach Recovery Program

This program provides students 16-21 years of age GED preparation, work skills, training services, and basic skills instruction. Many of these services are provided in the late afternoon and early evening hours. The program is open enrollment. A summer program is also available.

ON & OFF CAMPUS SUPPLEMENTAL OPPORTUNITIES

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 counselors for further information.*

Twilight School

Students attend sessions (1.5 hours) during the afternoon and early evening to make up credit deficiencies. No original credit is offered. The curriculum is self-paced and based on mastery learning principles. There is usually a waiting list for entry, so priority is given to seniors with credits needed to graduate.

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 skills workshops, job shadows and internships. Job placement opportunities and career pathway options are encouraged while completing GED or post-secondary placement.

Transitions Options Program (TOPS)

The Transition Options Program is located at Miller Education High School. TOPS assists students in completion of diploma requirements for 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.

WorkSystems, Inc.

The Department of Labor funds two Hillsboro programs through WorkSystems, Inc. for low income, at-risk students. The In-School Program is designed for sophomores and juniors to participate in a year round program of support. They gain basic skills and pre-employment training while participating in work crew activities in the community. Post-Secondary campus visits and options are explored.

Oregon National Guard Youth Challenge Program (OYCP)

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 five and one-half months, during which time they can earn up to eight credits toward a high school diploma or earn a GED. For more information go to www.oycp.com.

Summer Credit Recovery Program

Grade: 9, 10, 11

Prerequisite: Counselor/Administrator approval required.

Each high school will provide instruction for credit recovery to current 10-11 freshman, sophomores, and juniors using PLATO programs. These 3 week sessions will begin as soon as school is out and will offer two 1½ hour classes. Curriculum is designed to meet District and state standards and students are able to move at their own pace. Individual students may contract to complete work at home and then take final assessments and/or present projects with the instructor at school. Students will be expected to pay a fee per .5 credit. Students who qualify for free or reduced meals will receive the refunds once they have completed the credit.

OHDC/GED Program

The Oregon Human Development 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.

PCC Gateway to College

The Gateway to College program at PCC serves at-risk youth, 16-20 years old, at risk for dropping out of school. The program gives students the opportunity to earn a high school diploma while achieving college success. Students simultaneously accumulate high school and college credits, earning their high school diploma while progressing toward an associate degree.

PCC Tuition Program

Under certain conditions, students may withdraw from a District school, attend Portland Community College classes, and receive tuition reimbursement. Applications must be submitted and approved in advance. Reimbursement is provided after successfully completing the course. The Assistant Superintendent of the Office of School Performance approves reimbursement upon receipt of grade card and tuition receipts.

Expanded Options

The 2005 Legislature approved the Expanded Options program (Senate Bill 300) for high school students who are 16 years old or older. The program provides 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-or-reduced 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.

SK Online

SK Online is an alternative program delivering web-based curriculum to students living in the Salem-Keizer Public School District as well as to students in Oregon and beyond. The purpose is to provide online learning 24 hours a day, seven days a week to any school-aged student who needs acceleration or remediation, is credit deficient, has scheduling conflicts in his/her regular school, or medical considerations.

TRIO (9-12)

Project PLUS (Preparing and Learning for University Study) is an educational access and retention program sponsored by Portland State University and funded through the U.S. Department of Education. Students must qualify within an income eligibility range and also be from a family where the parent or legal guardian did not graduate from a four-year college.

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.

Social Responsibility Training (SRT)

Grade: 9,10,11

Credit: 0.5

Prerequisite: Counselor/Administrator approval required.

Social Responsibility Training (SRT) is a systematic, step-by-step classroom curriculum designed to alter how at-risk students think, make judgments and decisions about the right and wrong thing to do in situations, and promote actions and behaviors focused on changing negative relationships. Social Responsibility Training teaches participants thinking, judgment and life skills in a developmentally appropriate and systematic class process designed to enhance social, moral, and behavioral growth in a progressive fashion.

Hillsboro School District Online

ON & OFF CAMPUS SUPPLEMENTAL OPPORTUNITIES

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 counselors for further information.*

Hillsboro High School Location

AUTOMOTIVE TECHNOLOGY 1



Grade: 9, 10, 11, 12

Credit: .5

Prerequisite: None

Fee: \$25/Term

This course is designed for the student who has a desire to learn more about operating and maintaining an automobile. The curriculum focuses on auto shop safety, basic hand tools, basic car maintenance (basic fluid check, checking tire air pressure, changing a tire, and putting on chains). Students will also learn to change the oil, check and replace brakes, about the cooling system, and an overall understanding of how the vehicle works. Rebuilding a small gas engine is part of the class, build a model car and learn about automobile insurance. Students explore how to buy a car and shop for insurance. Girls are strongly encouraged to sign up for this course.

AUTOMOTIVE TECHNOLOGY 2



Grade: 10, 11, 12

Credit: .5

Prerequisite: Auto Tech 1

Fee: \$25/Term

The course focuses on the auto's electrical system. Students diagnose and troubleshoot problems in the electrical system and disassemble and reassemble various components of the starting and charging systems. Students get their own volt ohm meter as part of the class. The class teaches how to use the volt ohm meter and apply it to trouble shooting of the vehicle. This course prepares students to take the Automotive Service Excellence Electrical Certification Test.

Hillsboro High School Location

AUTOMOTIVE TECHNOLOGY 3



Grade: 11, 12

Credit: .5

Prerequisite: Auto Tech 2

Fee: \$25/Term

This course combines hands-on work with self-paced theory and focuses on engine repair that includes diagnosis techniques for internal engine problems. Students completely disassemble, inspect, and reassemble an automotive engine. This course prepares the student to take and pass the nationally recognized Auto Service Excellence Engine Repair Exam.

AUTOMOTIVE TECHNOLOGY 4/5



Grade: 11, 12

Credit: .5

Prerequisite: Auto Tech 3

Fee: \$25/Term

This course prepares students to take the Automotive Service Excellence (ASE) Steering and Suspension Test. Students will disassemble and reassemble the front suspension of a vehicle then perform an alignment. Students will also disassemble and reassemble several other steering and suspension components. This course also focuses on electrical troubleshooting and enhances student understanding of computerized engine controls. Auto Tech 5 will provide students with directed time for accomplishing the extended application of the senior project.

Liberty High School Location

FIRE SCIENCE I

Grade: 11, 12

Length: 1 Year

High School Credits: 2.0 Elective (1.0 EL, 1.0 HE)

College Credits: Up to 11 credits through PCC

Lab Fee: \$25.00

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 an in depth look at the three main areas of today's fire service: structural firefighting, wildland 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.

FIRE SCIENCE II

Grade: 11, 12

Length: 1 Year

High School Credits: .5 Senior Project Elective 2.0

College Credits: Up to 11 credits through PCC

Lab Fee: \$25.00

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. Ability to function within a team is desirable.

Articulated Credit Available-PCC

Note: Students completing Auto Tech 1, 2, and 3 with a letter grade of B or better are eligible to receive PCC Dual credit.

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