

PHS COURSE CATALOG 2011/2012 SCHOOL YEAR

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ATTENDANCE

Regular attendance means being present for all classes during the school day. Exceptions are made for illness, medical appointments, and school related/school excused requests. These are considered excused absences, but the student must make up the missed work.

Attendance through grade 12 is required. Students with **exceptional circumstances** may petition the Board of Education to waive the attendance requirement if they have met all other graduation requirements for units of credit and academic competence. The attendance policy at Philomath High School emphasizes the importance of classroom attendance and participation in education. Absences of any kind will affect a student's progress and grades. **To receive credit for any class, a student must be in attendance on a regular basis.**

CREDITS

Students can earn up to 30 credits (34 if in Jazz Band) during their four years in high school. Credit is given for each trimester class that a student passes. A trimester class equals .5 credit; except for Jazz Band which equals .33 credit and Driver's Ed which equals .25 credit. Of the 24 credits required for graduation, 19.5 are required classes and 4.5 are elective classes. A student's choice of electives should be based on post-high school plans and student interest. Parents are encouraged to work with students in developing a four-year plan. Counselors are available to assist in this effort.

GRADUATION REQUIREMENTS

Philomath School District requires each student to earn a minimum of 24 units of credit in grades 9 through 12. Listed below are the required units of credit each student must earn:

	Standard Diploma	Honors Diploma**	Valedictorian Diploma***
Language Arts	4.0	4.0	4.0
Mathematics	3.0	4.0	4.0
Social Sciences	3.5	3.5	3.5
Lab Sciences	3.0	3.5	4.0
Health	1.0	1.0	1.0
Technology	0.5	0.5	0.5
Physical Education	1.0	1.0	1.0
CTE/Applied/Fine Arts or Foreign Language	2.5	2.0 of same Foreign Lang Plus .5 AA/FA or For. Lang.	3.0 of same Foreign Lang.
Personal Finance	0.5	0.5	0.5
Electives	4.5	5.0	6.0
Senior Project	0.5	0.5	0.5
TOTAL:	24.0	26.0	28.0
Essential Learning Skills⁺	Required⁺	Required⁺	Required⁺

****Honors Diploma** - AGPA 3.5 and completion of the Certificate of Initial Mastery (CIM). Math level must be through at least Pre-Calculus and a student must take math during the first three years of high school.

***** Valedictorian Diploma** – Must have first highest AGPA for Valedictorian. Completion of the CIM and must take 2 AP or College AAOT courses (AP English 12, AP Calculus, College Writing, College Physics and approved courses taken at LBCC or OSU). Math level must be through Pre-Calculus and a student must take math during the first three years of high school.

Exceptions to the requirements for graduation may be made in cases of physical or economic hardships or for special program students, as allowed by state statute and approved by the School Board. **Modified Diploma** candidates must meet with the school team before the end of sophomore year. See your counselor for procedures.

In order to provide a variety of educational experiences through which students may meet the graduation requirements of the district, **optional educational opportunities** will be made available to qualified students. See your counselor for more information.

Students interested in **Early Graduation** must petition the Philomath School Board by May 1st of Sophomore year. See your counselor for procedures.

Technology classes include – Computer Apps, Desktop Publishing, Web Design, Graphic Design, Drafting 1, Architectural Design, Inventor and Mechanical Design, Computer Programming, Robotics, and Broadcast Media.

SCHEDULING

Math placement is based upon a student's past performance. Teachers use collected data to determine which class a student needs to schedule. Parents are encouraged to give input about this placement.

Some classes will require a fee to help offset the cost of consumable supplies.

Students wishing to make **schedule changes** must discuss proposed changes with the Guidance Center. **After the first 5 days of the trimester, there will be no more schedule changes. If a class is dropped after 3 weeks, the student will receive an F in that class. Any exceptions will be made on an individual basis with approval of the principal.**

RECOMMENDED BASIC SCHEDULE

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Language Arts – Frosh Survey & Verbal Comm	Language Arts –Modes of Writing and Lit Selective	Language Arts*	Language Arts*
Math*	Math*	Math*	Senior Social Studies*
Science*	Science*	Science	Personal Finance
World Geo/History*	U.S. History*	Social Science	Senior Project Lab
Fitness for Life	Health 1/PE	Health 2	Elective
Applied Arts**	World Language*	World Language*	Elective
Technology/Elective	Applied Arts/Elective	Elective	Elective

*Two Terms/trimesters of this course equals a one year class. Except for Algebra 1, it is a 3 trimester course.

**Applied Arts means a year class or two trimester classes in the practical arts or fine arts area.

RECOMMENDED COLLEGE PREP SCHEDULE

Students completing the following general requirements will be ready for the college admissions process. Although these are typical admissions requirements, there may be different or additional requirements depending on the school or program. Always check with the institution and the program you intend to enter for additional admission requirements. Courses labeled ERC will not count towards 4-year college admissions.

English	4 years	Business	1 year
World Language	2+ years	Applied/Fine Arts	1 year
Math	4 years	Physical Education	1 year
Science	4 years	Health	1 year
Social Studies	3.5 yrs.	Technology	1 year

BEYOND PHS AND EXPANDED OPTIONS PROGRAM AT LBCC

Philomath High School will pay for eligible students who are enrolled as a full-time student in 11th or 12th grade and at least 16 years old to take courses at LBCC. Students interested in this opportunity must talk to their counselor for more information.

COLLEGE NOW AT LBCC

Philomath High School offers many courses taught by our staff that can also earn credit through LBCC. To receive College Now credit, students sign up through their PHS teacher. Registration costs are currently a one time fee of \$25. Courses that are eligible are designated in the course description.

ESSENTIAL LEARNING SKILLS/CERTIFICATE OF INITIAL MASTERY (CIM)

Beginning with the class of 2012, students must demonstrate proficiency in essential learning skills to graduate. The essential learning skills are **1. Read and comprehend a variety of text 2. Write clearly and accurately 3. Listen actively and speak clearly and coherently and 4. Apply mathematics in a variety of settings.** To meet these requirements, students will be given state tests and classroom work samples. The Essential Skills will be phased in as follows: **Class of 2012 – Reading, Class of 2013 – Reading and Writing, Class of 2014 – Reading, Writing, and Math**

To earn a CIM, a student must achieve high scores on state tests and work samples. **The CIM is not required for graduation but is required for students to receive an Honors or Valedictorian diploma.**

State Tests

Students must achieve the following scores on state tests:

- READING/LITERATURE—Score at least 236 out of 300
- WRITING—Score at least 40 out of 60
- MATH—Score at least 236 out of 300
- SCIENCE—Score at least 240 out of 300

Work Samples

Work samples are classroom assignments, scored on a 1-6 point scale using state scoring guides. Students must achieve the following scores on work samples:

Mathematics – A score of 4 or more on each required scoring guide dimension, on two mathematics work samples. These two samples must represent two of the three strands of mathematics: **Statistics and Probability, Algebraic Relationships, or Geometry**

Writing – A score of 4 or more on each required scoring guide trait, on three writing work samples. These three samples must represent three types of writing: **One Expository and one Persuasive and one Narrative**

Speaking – A score of 4 or more on the four scoring guide traits, on three speaking work samples. These three samples must represent three types of Speaking: **Informative, Persuasive, and Unrehearsed**

Science – A score of 4 or more on each required scoring guide dimension on one scientific inquiry work sample.

Reading – A combined minimum score of 12 with no score lower than 3 for all traits on 2 work samples. Work samples include: Literary Text and Informational Text. At least one of the work samples must be an Informational Text. **Reading work samples are not required for the CIM but may be used to meet the Essential Skill of “read and comprehend a variety of text” when a student has yet to pass the state test for Reading.**

SENIOR PROJECT – GRADUATION REQUIREMENT

The senior project provides students the chance to design and implement a complex learning experience that represents their interests, the knowledge and skills they have gained in school, and their vision for the future. While each student's work will be unique, every Senior Project must include the following parts:

1. Mentorship
2. Research Paper
3. Project Defense
4. Product/Experience
5. Oral Presentation
6. Career Related Learning Standards

Seniors will sign up for an Access teacher in a career area that emphasizes their senior project. Seniors will also take a Senior Project Lab class that will guide them through the process of writing the Research Paper. Visit the school's website for a Senior Project Handbook. It can be found under "Senior Spotlight".

Juniors and Seniors should take courses in the area/areas that they will be doing their senior project in.

<p>Arts & Communication Classes: <input type="checkbox"/>Theatre <input type="checkbox"/>Interior Design <input type="checkbox"/>Advanced Projects FACS <input type="checkbox"/>Guitar <input type="checkbox"/>Concert Choir <input type="checkbox"/>Symphonic Band <input type="checkbox"/>Percussion Ensemble <input type="checkbox"/>Jazz Band <input type="checkbox"/>Spanish 1 2 3 4 <input type="checkbox"/>German 1 2 3 4 <input type="checkbox"/>Introduction to Art <input type="checkbox"/>Art and Design <input type="checkbox"/>Ceramics <input type="checkbox"/>Advanced Art <input type="checkbox"/>Independent Study of Art/Ceramics <input type="checkbox"/>Yearbook <input type="checkbox"/>Shakespeare <input type="checkbox"/>Literature and Persuasion <input type="checkbox"/>Advanced Verbal Communications <input type="checkbox"/>American Literature <input type="checkbox"/>Creative Writing <input type="checkbox"/>Broadcast Media <input type="checkbox"/>RC Media Communication in Television <input type="checkbox"/>RC Media Communication in Film <input type="checkbox"/>Advanced English 11 <input type="checkbox"/>RC Revolt and Revolution <input type="checkbox"/>RC Individual and Society <input type="checkbox"/>RC Non-Fiction <input type="checkbox"/>College Writing <input type="checkbox"/>AP English Literature & Composition</p>	<p>Business & Management Classes: Tech Track: <input type="checkbox"/>Computer Applications <input type="checkbox"/>Desktop Publishing <input type="checkbox"/>Web Design <input type="checkbox"/>Graphic Design <input type="checkbox"/>Computer Programming Business Track: <input type="checkbox"/>Introduction to Business <input type="checkbox"/>Accounting <input type="checkbox"/>Marketing <input type="checkbox"/>Be Your Own Boss <input type="checkbox"/>Business Around the World</p>	<p>Health Services Classes: <input type="checkbox"/>Health Occupations 1 2 <input type="checkbox"/>Microbiology <input type="checkbox"/>Anatomy & Physiology <input type="checkbox"/>Advanced Anatomy & Physiology <input type="checkbox"/>Health in Fitness and Nutrition <input type="checkbox"/>Health in Relationships <input type="checkbox"/>Health in Decision Making <input type="checkbox"/>Trends in Fitness <input type="checkbox"/>Team Sports <input type="checkbox"/>Weight Training <input type="checkbox"/>Lifeguard Training <input type="checkbox"/>Chemistry <input type="checkbox"/>Applications in Chemistry <input type="checkbox"/>Physics <input type="checkbox"/>College Physics <input type="checkbox"/>Psychology</p>
<p>Social/Human Resources Classes: <input type="checkbox"/>Child Development <input type="checkbox"/>Advanced Child Development <input type="checkbox"/>Psychology <input type="checkbox"/>American Legal Systems <input type="checkbox"/>War Between the States <input type="checkbox"/>Cadet Teaching <input type="checkbox"/>Global Seminar <input type="checkbox"/>History of Social Change <input type="checkbox"/>Senior Social Studies <input type="checkbox"/>Swim Cadet <input type="checkbox"/>Literature of Revolt and Revolution <input type="checkbox"/>Today's Foods <input type="checkbox"/>Culinary Arts Year 1 and 2</p>	<p>Industrial/Engineering Systems Classes: <input type="checkbox"/>Shop/Manufacturing Technology 1 2 3 <input type="checkbox"/>Advanced Projects <input type="checkbox"/>Drafting 1 <input type="checkbox"/>Architectural Design <input type="checkbox"/>Inventor and Mechanical Design <input type="checkbox"/>Robotics <input type="checkbox"/>Computer Programming <input type="checkbox"/>Physics, College Physics <input type="checkbox"/>Chemistry <input type="checkbox"/>Algebra 2 <input type="checkbox"/>Pre-Calculus</p>	<p>Natural Resource Systems Classes: <input type="checkbox"/>Microbiology <input type="checkbox"/>Ecology <input type="checkbox"/>Chemistry <input type="checkbox"/>Advanced Ecology <input type="checkbox"/>Botany <input type="checkbox"/>Advanced Botany <input type="checkbox"/>Forestry 1 2 <input type="checkbox"/>School of Forestry <input type="checkbox"/>Forest Management <input type="checkbox"/>Intro to Fisheries and Wildlife</p>

CAREER RELATED LEARNING STANDARDS

The Oregon State Board of Education has adopted new graduation requirements beginning with the class of 2007. For a diploma, students will need to demonstrate extended application and career-related knowledge and skills. Students will complete the extended application by successfully completing the Senior Project. The Career Related Learning Standards (CRLS) are fundamental skills essential for success in employment, college, family, and community life. These skills are taught throughout the curriculum, integrated with academic learning, and emphasized in students' Senior Project. The CRLS are as follows:

1. Personal Management
2. Problem Solving
3. Communication
4. Teamwork
5. Employment Foundations
6. Career Development

OREGON UNIVERSITY SYSTEM (OUS) BASIC COLLEGE ENTRANCE REQUIREMENTS

Applicants must satisfactorily (grade of C- or above) complete at least 14 units/16 units for the U.O. (one year equal to one unit) of college preparatory work in the following areas (2 trimesters equals 1 unit):

English (4 units). Shall include the study of the English language, literature, speaking and listening, and writing, with emphasis on and frequent practice in writing expository prose during all four years. Courses labeled ERC will not count towards college admissions.

Mathematics (3 units). Shall include first-year algebra and two additional years of college preparatory mathematics selected from geometry, advanced topics in algebra, trigonometry, analytical geometry, finite mathematics, advanced applications, calculus, and probability and statistics, or courses that integrate topics from two or more of these areas. Courses labeled ERC will not count towards college admissions.

Science (2 units). Shall include a year each in two fields of college preparatory science such as biology, chemistry, physics, or earth and physical science. It is **strongly recommended** that one year be taken as a laboratory science and that a total of three years of science be taken.

Social Studies (3 units). Shall include one year of U.S. history, one year of global studies (world history, geography, etc.), and one year of government.

World Language (2 units). Shall include two years of the same high school-level second language, or a C- or above in the third year of a high school-level language, or two terms of a college-level second language with a grade of C- or above, or satisfactory performance on an approved assessment of second language proficiency. Demonstrated proficiency in American Sign Language meets the second language requirement. The second language requirement only applies to applicants graduating from high school in 1997 or later. Students failing to meet this requirement must complete it with a grade of C- or above or with two terms of the same college-level second language.

In addition to the above requirements, the PHS counseling center recommends taking science, math, social studies and language arts every year as well as 4 years of world language when possible. We also strongly recommend the following for college-bound seniors:

1. A rigorous course schedule. While high school grades and SAT scores are important, colleges want to see that you have selected challenging courses that will help you grow academically.
2. Get involved in school activities, especially in leadership roles. Colleges want students who will enhance the educational environment in a special way.
3. Volunteer your time! Get involved and give back to your community. It is especially positive to have an experience that is directed toward a specific future interest (career or otherwise).

NCAA REQUIREMENTS

NCAA requirements for student athletes closely match the Oregon University System (OUS) requirements for college entry. A list of NCAA approved courses for Philomath High School (HS code: 380820) is listed at the following web site:

http://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.html This list is updated yearly by the administration in order to keep the clearinghouse current on our course offerings. **Not all courses offered at PHS are approved by the NCAA.** If you want to play sports at the collegiate level, please check this website to ensure the courses you are taking are approved. Also, make an appointment with your counselor so they can help you with this process.

LANGUAGE ARTS PROGRAM

FRESHMAN SURVEY #01001 Grades 9/Length: Trimester

This course is a **requirement** for all freshmen and offers an introduction to high school English. It is scheduled during 1st trimester. Covering literary terminology, study skills, research, and the modes of writing and speaking will help students succeed as they progress through high school. There will be opportunities to read, write, and speak, and at least two CIM work sample opportunities will be offered (narrative writing and impromptu speaking). This course lays a foundation on which all other English courses are built. The skills covered here will aid a student in courses outside the English Department.

VERBAL COMMUNICATIONS #01151 Grade 9/Length: Trimester

This course is designed to give students practice in informal speaking through various activities and discussions. As students build confidence and develop strategies for giving effective speeches, they will be expected to present more formal speeches in the persuasive, informative, and impromptu modes. This course is required Freshman year.

MODES OF WRITING #01101 Grades 10/Length: Trimester

Modes of Writing offers students the chance to improve their writing skills at the CIM benchmark. This course is intended for those students who still have work to do to complete the CIM writing standards. Students will write short pieces and will use a full writing process to produce essays in a variety of modes. Readings from an array of genres will also be included in this class. Students will complete several CIM writing work samples during this course. This course is required sophomore year.

SHAKESPEARE #01060 Grades 10, 11, 12/Length: Trimester

An introductory study of works by William Shakespeare will be offered in this course. Plays and sonnets will be read. From these readings will come a variety of activities geared to the study of the language and themes of these works. Students will write about the texts as well as engage in discussions. Some performance and recitations will be required. A CIM expository essay opportunity exists in this course.

LITERATURE AND PERSUASION #01999 Grades 10, 11/Length: Trimester

Students will study elements of exposition and persuasion. This is a course for higher-level sophomore students especially those with an interest in persuasion and social issues as the emphasis will be placed there. Readings from a variety of genres will be used including two novels, *Animal Farm*, and *Anthem*. This class offers opportunities for CIM persuasive and expository writing samples as well as a CIM persuasive speaking sample.

AMERICAN LITERATURE #01054 Grades 10, 11/Length: Trimester

American Literature offers a survey of American writers covering multiple genres. Students will work on developing skills in the area of literary analysis. Students will also explore the historical and societal context in which authors write. We will look at how events of an author's time period influence the writing that the author produces. Students will develop and use reading, writing, and speaking skills as they study pieces from various moments in American history.

ADVANCED VERBAL COMMUNICATIONS #01151E Grades 11, 12/Length: Trimester

Verbal Communication is a prerequisite to Advanced Verbal Comm., unless a student has passed all her/his CIM speeches. While this class will include formal speaking, it will also involve debate, creative speaking, recitation, and nonverbal communication.

CREATIVE WRITING #01104 Grades 11,12/Length: Trimester

This is a class that emphasizes the creative use of written language (fiction, non-fiction, poetry, etc.) to communicate the endless varieties of the human experience. Students will develop their own writing skills through a variety of individual and group activities and projects. Students will also read the written work of other "creative" writers in order to refine students' own creative writing. This class will work together as a community of writers to improve our individual ability to communicate through the written word.

READING AND COMPOSITION MEDIA COMMUNICATION IN TELEVISION #0199922 Grades 11, 12/Length: Trimester

In this course students will practice the critical analysis of the messages they see every day on television and throughout the media. Students will read a wide variety of texts related to media communications, focusing on the messages of advertising, news reporting and production, and the Internet. Students will write responsively and analytically in a number of different formats, including expository, persuasive, and research writing.

READING AND COMPOSITION MEDIA COMMUNICATION IN FILM #0199912 Grades 11, 12/Length: Trimester

In this course students will practice the critical analysis and explore the medium of film as a form of literature. Students will read a wide variety of critical essays about film related to its artistic and literary components, as well as the role of film in helping to define social contexts in which they operate. Students will also practice reading the text of the film in small parts and in whole bodies of work. Students will write responsively, critically, and analytically in regards to the films studied and the literature that has been written about the films. Written formats include expository, persuasive, and research writing.

READING AND COMPOSITION: THE INDIVIDUAL AND SOCIETY # 0106513 Grades 11, 12/Length: Trimester

In this course students will focus on literary texts—including novels, poetry, essays, and drama—that focus on the often challenging relationship between the individual and society. Students will write narratively, critically, and analytically in response to the topics read about and discussed in class.

READING AND COMPOSITION REVOLT AND REVOLUTION #0106533 Grades 11, 12/Length: Trimester

Throughout history, people have used written and spoken communication as a means of affecting social change. In this class, students will explore the words and ideas of writers and speakers who have sought and continue to seek a better world. This course places emphasis on analytical writing and the development of critical reading skills, as well as class discussion and debate.

ADVANCED ENGLISH 11 #01003E12 & 01003E22 Grades 11/Length: 2 Trimesters

Junior standing is required. This is an advanced course for the serious student who wants to develop high level writing and literary analysis skills. A strong emphasis will be placed on writing college-style essays and developing methods of thorough literary study. Although it is not required, students who complete this course satisfactorily will be prepared to enter the AP 12 class. This course is two trimesters, but students may take a single trimester if there is another trimester course they wish to pursue. **English dept. approval needed.**

READING AND COMPOSITION: SEARCH FOR SELF #0106523 Grades 11, 12/Length: Trimester

A common theme running through literature and art is the search for one's true nature and self. Using this theme as a focus students will continue to develop their writing skills through practice in various written forms, read and respond to literature, develop critical awareness of communication media, and practice critical thinking.

READING AND COMPOSITION: NON-FICTION #01061 Grades 11, 12/Length: Trimester

In this course students will read and study a wide variety of creative non-fiction texts from newspaper articles to essays. Students will continue to develop their writing skills through practice in various written forms, and will practice reading and responding to non-fiction writing.

COLLEGE WRITING #01103H12 & 01103H22 Grade 12/Length: 2 Trimesters

College Writing is a senior level class for students who desire to develop the writing skills necessary for college and professional success. In this course, students will practice a variety of writing modes in response to works of fiction and non-fiction. The organizational, analytical, interpretive, and expressive skills they learn will prepare them to accomplish effectively the reading and writing tasks they will face in college and in the workplace. **College Now:** Seniors who qualify for LBCC admission may receive three hours of college English credit equivalent to WR121, provided they pay the LBCC College Now fee and pass both trimesters of the PHS College Writing class and LBCC's WR121 test. (Note: Because this class is graded according to a college-level standard, it is among the most academically challenging and rigorous courses offered at PHS and should be taken only by those who have a sincere interest in doing college-level work.) **Prerequisite: LBCC placement test to determine placement into WR121.**

ADVANCED PLACEMENT ENGLISH LIT & COMPOSITION (AP12) #0100612 & 0100622 Grades 12/Length: 2 Trimesters

Senior standing is required. This class concentrates on the reading and analysis of literary works and the writing of critical essays. The class is intended to be representative of introductory English Literature courses commonly offered in American universities and colleges. Upon receiving a passing score (3 or higher) on the year-end AP Examination, a student will be able to receive college credit in Oregon and many other universities throughout the United States. There will be a strong emphasis on writing college-style essays, developing vocabulary, and pursuing literary research. This is an advanced course for the serious student of good literature. Students can opt to take a single trimester of this class if there is another trimester class they wish to pursue.

WORLD LANGUAGE PROGRAM

****Courses in World Languages are electives and not required for standard graduation at PHS. Students who expect to attend a 4-year college after high school or plan on earning a Philomath High School honors diploma must take a minimum of 2 years of the same world language.**

SPANISH 1 #0610112 & 0610122 Grades 9, 10, 11, 12 (dependent on demonstrated level of proficiency) Length: 2 Trimesters

Students in Spanish 1 will work toward developing proficiency by acquiring functional vocabulary and basic grammatical structures for use in speaking and writing about self, school, family, preferences, after school activities, daily schedule, and other topics relative to interpersonal communication. Students will also begin studying the different cultures of countries where the Spanish language is spoken. **It is recommended that students not attempt Spanish 1 until they have demonstrated linguistic competency by earning satisfactory grades of "C" or better in English classes.**

SPANISH 2 #0610212 & 0610222 Grades 10, 11, 12 (dependent on demonstrated level of proficiency) Length: 2 Trimesters

This class is a continuation of Spanish language and culture study with emphasis on expanding vocabulary and improving skills of reading, writing, and conversation. Students are encouraged to apply language to life situations through creating original descriptions, narratives, role-plays, etc. with a focus on gaining further communicative proficiency. **Prerequisite: Spanish 1 or demonstrated proficiency at the appropriate level.**

SPANISH 3 #0610312 & 0610322 Grades 11, 12 (dependent on demonstrated level of proficiency) Length: 2 Trimesters

Students will participate in an extended study of Spanish and the cultures in which it is spoken. The focus is on advancing communicative and comprehensive proficiency: students are asked to respond orally and in writing to a variety of situations and prompts. **Prerequisite: Spanish 2 or demonstrated proficiency at the appropriate level.**

SPANISH 4 #0610412 & 0610422 Grade 12 (dependent on demonstrated level of proficiency) Length: 2 Trimesters

Students enroll in this class with the goal of developing proficiency at benchmark level IV to meet the PASS requirements for college entrance. Emphasis will be on extended discourse and practical application of the language in a variety of academic and social situations. **Prerequisite: Spanish 3 or demonstrated proficiency at the appropriate level.**

GERMAN 1 #0620112 & 0620122 Grades 9, 10, 11, 12 (dependent on demonstrated level of proficiency) Length: 2 Trimesters

In beginning German, students will learn to ask and answer questions about every-day topics—including school, family, shopping, foods, clothes, a variety of celebrations and things they like (and don't like) to do. They will also read and write about these topics, explain some cultural differences between Germany and America, and explore the significance of Germany's role as Europe's economic powerhouse. Students will practice teaming with partners and small groups to improve their language learning. **It is recommended that students not attempt German 1 until they have demonstrated linguistic competency by earning satisfactory grades of "C" or better in English classes.**

GERMAN 2 #0620212 & 0620222 Grades 10, 11, 12 (dependent on demonstrated level of proficiency) Length: 2 Trimesters

Students in German 2 begin to rely less on memorized phrases and start to converse more freely. They will expand their ability to talk, write and read about topics already studied and add new topics—including free time activities, sports, travel, vacations, and animals. The cultural focus will be on Europe's other major German-speaking countries: Austria and Switzerland. Teamwork with partners will continue to play an important role, but at the same time students will begin to set individual goals for learning language. **Prerequisite: German I**

GERMAN 3 #0620312 & 0620322 Grades 11**GERMAN 4 #0620412 & 0620422 Grades 12 (dependent on demonstrated level of proficiency) Length: 2 Trimesters**

The curriculum for German 3 & 4 alternates from year to year so that both German 3 and German 4 students encounter new material each year. Students will continue to develop speaking skills and begin to read longer, original German texts, including news stories and other non-fiction, as well as poetry, fairy tales, and short stories. Students will practice writing in various genres too—creating poems, stories and news bulletins. In addition to increasing a common core of vocabulary, each student will be encouraged to explore a topic of personal interest, developing knowledge of the specialized vocabulary needed to discuss, read, and write about it. **Prerequisite: German 1 and 2**

CONVERSATIONAL GERMAN Grades 11, 12 (dependent on demonstrated level of proficiency)

Every other year, qualified students of German may participate in a summer exchange in Hamburg, Germany. In this immersion experience the student lives with a German family, attends classes at *Gymnasium Süderelbe*, PHS' partner school, and visits nearby attractions, including museums, exhibits and theater performances. The fee for the activity varies, depending on the cost of airline tickets and the exchange rate for the dollar. **Prerequisite: German 2 and Teacher Approval**

MATH PROGRAM– Students must earn a grade of C or better to move to the next level in math.

BASIC MATH #02002 Grades 9/Length: 3 Trimesters

This class is designed to help students review basic math skills and the application to real-life setting. Students graduating in 2014 and beyond DO NOT receive math credit for this class. **Prerequisite: Recommendation from Middle School or IEP team**

PRE-ALGEBRA #0205112 & 0205122 Grade 9/ Length: 2 Trimesters

This class is designed to help students review basic math skills and introduce them to the foundations of algebra. The topics will include computations with whole numbers, fractions, decimals and integers. Students graduating in 2014 and beyond DO NOT receive math credit for this class. **Prerequisite: Recommendation from Middle School or High School Instructor**

ALGEBRA 1 #0205213 & 0205223 & 0205233 Grades 9, 10/Length: 3 Trimesters

This course covers all major algebra topics including algebra operations, equation and inequity solving, linear functions, systems of equations, basic exponential and polynomial functions, as well as certain topics in geometry, probability, problem solving, discrete math and statistics. Opportunities to complete assessment tasks will be given. **Prerequisite: Recommendation from Middle School or teacher recommendation**

GEOMETRY #0207212 & 0207222 Grades 9, 10, 11, 12/Length: 2 Trimesters

The course covers topics in algebra, geometry, probability & statistics, logical reasoning, discrete math, and basic trigonometry. **Prerequisite: C or better in Algebra 1 or instructor approval**

MATHEMATICAL REASONING & PROBLEM SOLVING #02055 Grade 11,12/Length: 1Trimester

This class is for students that have completed algebra and geometry but would like an alternative to algebra 2. This course will include topics of problem solving strategies, inductive and deductive reasoning, personal finance topics, practical applications of agriculture/forestry/construction/ etc., and geometry applications. **Prerequisites: C or better in Geometry or instructor approval. Students who have passed the state test in math will not be allowed to enroll in this course.**

STATISTICS #02201 Grade 11, 12/Length: 1Trimester

This class is for students that have completed algebra and geometry but would like an alternative to algebra 2. This course will include topics of counting techniques, probability, surveying and data gathering, consumer statistics, voting theory, and regression techniques. **Prerequisites: C or better in Geometry or instructor approval**

FINANCIAL ALGEBRA #02058 Grade 11,12/Length: 1 Trimester

Financial Algebra will explore mathematical functions in the financial context. Algebraic functions will be the focus including linear, quadratic, and exponential functions and their models. The concepts of regression, probability, measures of central tendency, and graphical representations will also be covered. Financial topics include compound interest, credit cards, mortgage, loans, depreciation, and investments. **Prerequisites: C or better in Geometry**

ALGEBRA 2 #0205612 & 0205622 Grades 9, 10, 11/Length: 2 Trimesters

This course continues the study of algebra to prepare students for more advanced work in mathematics. It covers all major algebra topics including algebra operations with real and complex numbers, equations and inequality solving, linear functions, systems of equations and matrices, exponential and logarithmic functions, quadratic and other polynomial functions, as well as certain topics in geometry, probability, discrete math, trigonometry and statistics. . Opportunities to complete assessment tasks will be given. **Prerequisite: C or better in Geometry or instructor approval**

PRE-CALCULUS #02110E12 & 02110E22 Grades 11, 12/Length: 2 Trimesters

Pre-Calculus is a preparation for the mathematics of calculus. Included are topics covering advanced functions, analytic geometry, polynomials, complex numbers, sequences, series, matrices, probability and statistics, and advanced problem solving techniques. **Prerequisite: C or better in Algebra 2 or instructor approval College Now credit available**

AP CALCULUS #0212412 & 0212422 Grade 12/Length: 2 Trimesters

This course will cover the equivalent of the first two terms of college calculus. The focus will be on the derivative and integral and their applications. As of this printing, we are unclear if students will be able to receive **College Now** credits from LBCC (Math 251 & 252). However, students will be able to take the AP Calculus AB test at the end of the year to earn college credit. **Prerequisite: A or B in Pre-calculus and/or instructor approval.**

GENERAL SCIENCE PROGRAM

*****All Science courses (except Integrated Science) have a \$10 fee per term.**

INTEGRATED SCIENCE #0320112 & 0320122 Grade 9/Length: 2 Trimesters

This course focuses on enhancing a student's skills in experimental design and problem solving. Students will practice asking testable and relevant questions. Additionally, they will design and implement experiments in order to pursue the answers to these questions. Students will learn physical science concepts incorporated into instructional units based on experimental design, practical and applied chemistry, and basic physics (forces, motion, and energy). This is a lab-oriented course.

BIOLOGY #0305112 & 0305122 Grades 10/Length: 2 Trimesters

Biology is the scientific study of life using lab investigations, local field trips, and individual research projects. Along with the facts that Biologists have gained, students will learn how to improve scientific investigation techniques to answer important questions. Topics covered in class include the study of cells, DNA, genetics, evolution, microbiology, plants, animals, and fungi. This is a fun and challenging course for sophomores.

ANATOMY & PHYSIOLOGY #03053 Grades 11,12/Length: Trimester

Anatomy and physiology is an excellent class for those students interested in a career in the Health Services area, or for students wanting a better understanding about how the body works. The course begins with learning about how an organism begins life through development and continues with learning about basic structure and function of body systems. The body systems studied include the skeletal, muscular, circulatory, respiratory, nervous, digestive, and urinary/excretory systems. In order to study the anatomy and physiology of the various systems, students will participate in several dissection labs. Many other labs will be geared toward helping students understand how their own body works. Additionally, students will have the opportunity to participate in a field trip to Western Oregon State's Human Anatomy Lab. **Prerequisite: Biology grade of B or better or instructor approval**

CHEMISTRY #0310112 & 0310122 Grades 11, 12/Length: 2 Trimesters

Chemistry is lab-intensive college preparatory course. Through investigating concepts of chemistry in the laboratory, this class is designed to meet the needs of both the student with a general interest in chemistry as well as students planning to pursue the sciences in college. Topics include properties and structure of matter, bonding and compounds, chemical reactions, reaction rates, and chemical equilibrium; both quantitative and qualitative analyses are utilized in developing an understanding of the nature of matter. **Prerequisite: Algebra I with a recommended grade of B**

FORENSICS #0320412 Grades 10, 11, 12/Length: Trimester

Forensics is the application of science to law enforcement. In this class, students will have the opportunity to apply the knowledge and skills they learned in previous science classes as well as learn new concepts specific to Forensic Science. Units will include crime scene investigation and evidence collection; forensic entomology; fingerprint analysis; handwriting analysis, forgery and counterfeiting; the study of hair, fibers and textiles; DNA fingerprinting; and Death: meaning, manner, mechanism, cause and time of death. **Prerequisites: Biology**

PHYSICS #0315112 & 0315122 Grades 11, 12/Length: 2 Trimesters

This two-trimester course is an exciting exploration of topics such as motion, force, gravity, work, energy, electricity, magnetism, light, sound, waves, thermodynamics, entropy, relativity, quantum mechanics, chaos theory, and astrophysics. The class is a combination of demonstrations, discussions, in-class activities, and laboratory investigations. This challenging class focuses on deep understanding of conceptual concepts and also explores mathematical relationships at the level of Algebra 1 and Geometry. This is for students who enjoy science, enjoy thinking, and enjoy understanding how the universe and the world around them works. **Prerequisite: Algebra I with a recommended grade of B and completed or concurrently enrolled in Geometry**

COLLEGE CREDIT PHYSICS #03162H12 & 03162H22 Grades 11, 12/Length: 2 Trimesters

This course is designed to give credit in either PH201 (trigonometry and algebra-based physics) or PH211 (calculus-based physics). This class has a heavy mathematical emphasis and focuses on mechanics; which includes forces, motion, projectiles, gravity, Newton's Laws, rotation, and energy. **College Now Prerequisite: For PH201, students must have completed or be concurrently enrolled in pre-calculus or higher math. For PH211 students must have completed or be concurrently enrolled in calculus. Because this course is narrowly focused on mechanics and does NOT address electricity, magnetism, waves, light, sound, thermodynamics, or modern physics, it is strongly recommended that students interested in physics also have completed or be concurrently enrolled in "Physics" - which is a broader, more conceptual overview of physics.**

ENVIRONMENTAL SCIENCE PROGRAM

***All Science classes have a \$10 fee per term.

MARINE BIOLOGY #03005 Grades 11,12/Length: Trimester

Students in marine biology will study life in coastal and marine environments. Specifically, students will study intertidal, estuary, dune, kelp, coastal forests, and deep ocean ecosystems. In addition to learning about the life in each of these ecosystems, students will study the physical nature of the dynamic ocean floor and the chemical nature of the ocean water. Other topics of study in marine biology include oil spills, ocean pollution, weather patterns, and ocean currents. Students will also have the opportunity to participate in a field trip to the intertidal pools along the Central Oregon Coast. While this class does support the Natural Resources CAM, it is also an excellent course for students interested in learning more about the marine and coastal environments that are close to home. **Prerequisite: Biology or instructor approval.**

MICROBIOLOGY #03060 Grades 11, 12/Length: Trimester

As the name suggests, microbiology is the study of very small living things like bacteria, viruses, and protozoa. The microbiology class directly supports students interested in pursuing topics in the Health Services and Natural Resources CAM areas. Students in microbiology will focus their study on three distinct areas outlined below:

Molecular Engineering: To learn more about molecular engineering, students will complete genetic transformation labs and DNA fingerprinting (electrophoresis). In our ever increasing biotech world, a good understanding of molecular engineering is critical in helping students make decisions regarding biotechnology issues.

Microbes and Health Concerns: Students will learn about how microbes (bacteria, viruses, and protozoa) have shaped our world regarding health issues. Students will complete labs around the topics of controlling microbial growth through temperature, food preservatives, antibiotics, and antiseptics. Last, students will focus attention on some very nasty microbes that have wreaked havoc on the human population such as smallpox, microbes causing food and waterborne illness, and plague causing microbes.

Beneficial Microbes: While we spend much of our time trying to kill harmful microbes, the truth is most microbes are helpful and necessary for our survival. The third part of the microbiology class will focus attention on how microbes are useful to all of the Earth's inhabitants. Students will study the impact that microbes have on keeping us healthy and keeping our nutrient cycle in good working order. Last, students will examine how microbes are used in bioremediation. Students will design experiments to examine how microbes can be used to help us clean up some of our environmental problems such as oil spills and waste dumps. **Prerequisite: B in both terms of Biology or instructor approval**

NATURAL RESOURCES PROGRAM**BOTANY #0305812 & 0305822 Grades 11, 12/Length: 2 Trimesters**

Botany is a hands-on class that investigates the growth of plants in the school garden and greenhouse. Students learn to grow their own fruits and vegetables in our raised beds, orchard, and vineyard as well as scientifically evaluate their crops for flavor, pest and disease resistance, cold-hardiness, and more. During the winter, students work in the lab and greenhouse. They graft fruit trees, propagate cacti, succulents, house plants, landscape ornamentals, and trees. In spring, students plan and manage a plant sale where they sell a portion of their plants to the gardening community. Other topics related to plant culture such as pest management, soils, irrigation, genetics, and plant physiology are also investigated. **Prerequisite: B or better in both terms of Biology or Teacher approval**

ECOLOGY #0300312 & 0300322 Grades 11, 12/Length: 2 Trimesters

This is a field-based course for students who have successfully completed Biology. It is the study of organisms and their interrelationships with other organisms and the non-living environment in streams, wetlands, and forests. Students work as a team to conduct original research on these three ecosystems for private industry and local government agencies, and share their conclusions in written and oral formats. Some recent projects include studying the Mary's River, Newton Creek, and Woods Creek for the local watershed council, evaluating the wildlife and plant populations at the Newton Creek Wetlands for a

local developer, restoring the riparian forest on Newton Creek for the Soil and Water Conservation, and thinning the Middle School forest for the school district. **Prerequisite: B or better in both terms of Biology or Teacher approval**

ADVANCED ECOLOGY #03003E12 & 03003E22 Grades 11, 12/Length: 2 Trimesters

This class is a field-oriented research course that extends studies from the prior year in Ecology. In addition, student's interest will drive new investigations that center on issues, such as wildlife management. **Prerequisite: B or better in two trimesters of Ecology or teacher approval.**

FORESTRY 1 #1850212 Grades 9, 10, 11, 12/Length: 1, 2, or 3 Trimesters

This one period class presents an overview of the forest products industry, including career opportunities and economic aspects. Students will be exposed to safety, first aid, tree identification, map and compass use, and forest management. The student will learn basic logging/lumbering through the use of fieldwork at a land lab, visits to local mills and guest speakers.

FORESTRY 2 #1850222 Grades 10, 11, 12/Length: 1, 2, or 3 Trimesters

This one period class involves classroom and fieldwork. Students will do basic forest surveying, timber cruising, logging operations, use and maintenance of power saws, fire control, insect control, log scaling, timber reforestation, safety and first aid. The student will be exposed to career opportunities in forestry, forestry computer applications, and leadership skills.

Prerequisite: Forestry I

INTRODUCTION TO FISHERIES AND WILDLIFE #18501 Grades 10, 11, 12/Length: 1 Trimester

This introductory course will introduce identification, habitat, behavior and management of fish and wildlife species in Oregon. The course will also address the issues of non-native species and the impacts that they have had on Oregon. **Prerequisite: Biology or Instructor approval.**

FORESTRY MANAGEMENT #18504 Grades 11, 12/Length: 1 Trimester

This two period class involves classroom and fieldwork. Students will be taught marketing, timber cutting, cat logging, log loading, mill operations, cable logging, fire control, forestry laws, and heavy equipment operation and maintenance. Students in this class will spend time on site at mills, tree farms, forestry operations, and logging. **Prerequisite: Forestry I and II**

SCHOOL OF FORESTRY #1850312 & 1850322 Grades 11, 12/Length: 2 Trimesters

This two period class is a two-year commitment, which involves forestry, and the integration of academic classes. The forestry course work in the School of Forestry consists of the course work described in technical forestry and forest management above. **Prerequisite: Forestry I and II**

SOCIAL SCIENCE PROGRAM

WORLD HISTORY/GEOGRAPHY #0405212 & 0405222 Grade 9/Length: 2 Trimesters

World History and Geography is an introduction to high school social science. It is a class that examines how both human beings and societies function. Using cultural geography and 20th century world history as a tool, we will attempt to understand where we came from, where we are, and where we are headed as a global culture. Students will examine the relationship between landscape, climate, resources, people, values, ideas, and culture. Students will analyze and interpret geographic data and take an in-depth look at history to help us to understand our world today. Focuses include the following: Social understanding and perspective, critical thinking, the media, propaganda & influence, the five themes of geography, population & consumption, industrialization & globalization, colonialism & imperialism, and the response & world conflict.

U. S. HISTORY #0410112 & 0410122 Grade 10/Length: 2 Trimesters

This course is devoted to the study of American History Progressive Era to the present. Areas of concentration will be the Imperialistic era, both World Wars, the Roaring 20s, the Great Depression, the prosperity of the 50's and 60's, and the problems and achievements of the 70's, 80's, and 90's.

AMERICAN LEGAL SYSTEMS #04165 Grade 11, 12/Length: Trimester

This course studies the justice system in the United States. Areas include trial procedure, criminal vs. civil law and constitutional rights and issues. Students taking this course will also be involved in mock trials and moot courts.

GLOBAL SEMINAR #04064 Grade 11, 12/Length: Trimester

This discussion and project based class is meant to empower students by allowing them an in-depth look at issues of concern for the greater global village. Students will have the opportunity to explore the nature of justice in the international community. An in-depth analysis of issues such as power, wealth, race, and class will be addressed. Areas of focus include the relationship between population growth and the earth's resources, the politics of climate change, energy issues, the scarcity of water, food production and distribution, and both international conflict and resistance. As we explore these issues students will empower themselves to utilize their learning to communicate their ideas to the world around them. Evaluation of information and the Art of Communication are cornerstones.

HISTORY OF SOCIAL CHANGE #04259 Grade 11, 12/Length: Trimester

How does societal change occur? The conversation continues in this history class focused on analyzing ways in which social change has occurred in the past. This class will explore examples of citizen movements of the 20th century and the impact of those movements on society. As always, the class attempts to interpret history in terms of its connection to today. We look at the successes as well as the hardships and try to understand what works, what doesn't and why. Hope, patriotism, and the impact of the individual are critical themes and particular attention is paid to the impact of the arts in creating social change.

WAR BETWEEN THE STATES #04109 Grade 11, 12/Length: Trimester

An in-depth study of the causes, people, events, and results of the "corner stone" in the history of the United States. This class will use independent research, projects, and videos as a basis for studying this major event and how it shaped American society.

SENIOR SOCIAL STUDIES #0415112 & 0415122 Grade 12/Length: 2 Trimesters

This class informs the students of our rights and responsibilities as U.S. citizens. Decision-making, value judgments, and solutions to problems are encouraged. Included in this course will be the study of the origin of American government; current local, state, and national government structure and function; rights and responsibilities of people that live in the U.S.; and current issues and problems facing the world, nation, state, or community.

PSYCHOLOGY #0425412 & 0425422 Grade 12/Length: 2 Trimesters

This class is designed to give students the opportunity to learn about behavior patterns displayed by themselves, other people, and our society through a "hands-on" approach. Emphasis will be placed on developmental states, psychological needs, expectations, personalities, values, and procedures in decision-making. This is an advanced senior course. **Written instructor approval is required for juniors to register for this class.**

HEALTH, WELLNESS, PHYSICAL EDUCATION PROGRAM**FITNESS FOR LIFE #08016 Grade 9/Length: Trimester**

Fitness for Life is an individualized, one-trimester course designed to give students the knowledge and skills necessary to self-assess, create, conduct and evaluate personal fitness programs. This includes personalized appraisal of current fitness level and exploring options available to improve cardiovascular endurance, weight control, strength and flexibility. *Fitness for Life* may be taken anytime during the ninth grade and is a prerequisite for any other physical education courses. The course is a combination of classroom and activity-based learning activities with a focus on proper nutrition and the mastery of skills and concepts necessary for students to become accomplished monitors of their personal lifetime fitness. Through participation, students learn to compare the fitness benefits in a variety of individual and team activities. A \$3 PE supply fee will be assessed per trimester.

TEAM SPORTS #08002 Grade 9, 10, 11, 12/Length: Trimester

Team Sports offers learning, which can best be experienced through physical activity with an emphasis on recreational and lifetime activities that have carry-over value. This course is designed for those students who have a strong desire and appreciation for advanced skills and knowledge of sports and games. A \$3 PE fee will be assessed per trimester.

Prerequisite: Fitness for Life

TRENDS IN FITNESS #08005 Grades 9, 10, 11, 12/Length: Trimester

This course will allow students to experience new and current trends in fitness to help them reach their goals. With an emphasis on total body fitness in regards to cardiovascular endurance, muscular conditioning, and flexibility, the activities may include but are not limited to cardio kickboxing, circuit training, dance aerobics (line dance, hip-hop, Zumba), physioball exercises, pilates, social dance (ballroom, Latin, Swing, etc.) , step aerobics, water fitness, and yoga. Students will also experience techniques to better manage their stress and explore local health club facilities in the community. Students will ultimately learn a variety of ways to live an active lifestyle. There is a \$10 fee for this class for field trips. **Prerequisite: Fitness for Life**

OUTDOOR & LIFETIME RECREATION #08004 Grades 11,12/Length: Trimester

This new class is designed to provide exposure to a variety of outdoor & lifetime activities including, but not limited to badminton, disc golf, golf, pickleball, road biking, rock climbing, and running. Students will learn the importance of responsible interaction with and appreciation for their environment. Community experts in whitewater rafting, fly fishing, kayaking, and backpacking will provide workshops and discussions. Students will develop fitness levels that will encourage lifelong participation in outdoor & recreational pursuits through cardiovascular training and muscular fitness activities, learning and practicing safety guidelines, and being responsible in the outdoor recreation setting. This class may include some off-campus activities, such as bike trips and trips to the OSU climbing wall. A \$40 fee to pay for equipment and facility use. Students must have access to working bike & helmet.

WEIGHT TRAINING #08009 Grades 9, 10, 11, 12/Length: Trimester

This strength training course is designed for individuals who are serious about increasing their strength training knowledge and personal weight training goals. Both teacher and student prescribed workouts are provided to meet the individual needs of each student. Emphasis is placed on safety and proper lifting techniques. Course content will include cardiovascular work, plyometrics activities, class discussions, and knowledge and skills tests. Second year Weight Training students will have additional expectations from first year curriculum. A \$3 PE supply fee will be assessed per trimester. **Prerequisite: Fitness for Life**

LIFEGUARD TRAINING #08049 Grades 9, 10, 11, 12/Length: Trimester

Must be 15 years old at end of class to receive the Red Cross certifications.

Must pay a \$55 fee for the book and pocket mask which are required for the class; and certification cards which are issued upon completion of class. This American Red Cross Lifeguarding class provides entry-level lifeguard candidates with the skills and knowledge to prevent, recognize, and respond to emergencies and to provide care for injuries and sudden illnesses. Includes certification in Lifeguard Training, CPR for the Professional Rescuer, and Standard First Aid.

HEALTH 1 #08051 Grade 10 (required)/Length: Trimester

This course emphasizes self-responsibility and good decision making to promote life long wellness. Topics covered include consumer health, environmental health, safety, mental health, alcohol, tobacco and other drugs, as well as an introduction to nutrition, growth and development and reducing the risks of disease.

HEALTH IN FITNESS AND NUTRITION #08052 Grades 11, 12/Length: Trimester

A trimester course that focuses on the importance of lifetime health in regards to developing a healthy body through physical activity and eating nutritious foods. Students will be required to actively participate in fitness and nutrition related goals. There is a \$10 fee for this class. This \$10 fee will pay for your physioball for the class. Once the class is complete you will be able to take this ball home.

HEALTH IN RELATIONSHIPS #0805712 Grades 11, 12/Length: Trimester

Topics for this course include personal preparation for relationships, practical communication skills, and conflict resolution as they apply to a variety of relationships, including parent/child, siblings, dating and marriage.

HEALTH IN PLANNING AND DECISION MAKING #0805722 Grades 11,12/Length: Trimester

Topics for this course include personal finance, goal setting, time management, school and career planning, health care choices, and consumer advocacy.

2+2 INTRO.TO HEALTH OCCUPATIONS #14001 Grade 11, 12/Length: Trimester

This course is designed for students interested in exploring/entering the health career field. In class instruction will give the student an opportunity to learn and gain a hands-on overview of concepts basic to all health care workers, technical skills and principles in health care, work habits for health care providers, and basic medical terminology. Units include: First Aid and CPR certification, microbial diseases and sterile techniques, vital signs, medical ethics, the business of medicine, anatomy and physiology, and health care career explorations. **LBCC College Now Credit. Recommended prerequisites: Anatomy/Physiology, Chemistry, and Health 1 classes.**

2+2 HEALTH OCCUPATIONS ROTATIONS #14002 Grade 11, 12/Length: Trimester

Work experience will give the student the opportunity to apply skills and concepts learning in the Introduction to Health Occupations class. The opportunity to observe and assist health care providers will be structured through tours, speakers and work site observation rotations. **LBCC College Now Credit.** Students must provide their own transportation. **Required prerequisites: Grade of A or B in 2+2 Intro. To Health Occupations. Course requirements include proof of insurance and an up-to-date immunization record. Students will also be required to pay for medical screenings, such as a TB test. Class size may be limited and students may have to complete an interview process.**

FINE ARTS PROGRAM

JAZZ BAND #05105 Grades 9, 10, 11, 12/Length: Year (.33 credit per trimester)

This year-long course is available by audition only. Held "0" period (7:05 am – 7:55.), this one year credit graded class **requires outside practice and performance.** This course focuses on various jazz styles and performance techniques. The PHS Jazz Band performs at least three concerts, numerous school and community events, and hosts and annual swing dance. As part of the PHS Pep Band, students also perform at all home football games and selected boys and girls home basketball games. Students are encouraged to take private lessons and parents are encouraged to participate in the Music Booster Club. PHS Jazz Band members will need to purchase and wear a specified performance outfit - there may be additional costs when participating in this ensemble.

SYMPHONIC BAND #05102 Grades 9, 10, 11, 12/Length: Year

The Symphonic Band is PHS's premier instrumental ensemble. The PHS Symphonic Band performs at least three concerts during the year as well as at various music festivals/contests throughout the year. The Symphonic Band combines with the Jazz Band to make-up the PHS Pep Band – this band performs at all home football and at least 10 home basketball games during the year. Symphonic Band members will have the opportunity to perform a wide variety of music that focuses on technique, rhythmic precision, and the development of a mature sound. Students are encouraged to take private lessons and parents are encouraged to participate in the Music Booster Club. PHS Symphonic Band members will need to purchase and wear a specified performance outfit - there may be additional costs when participating in this ensemble.

PERCUSSION ENSEMBLE #05106 Grades 9, 10, 11, 12/Length: 1 Trimester

The PHS Percussion Ensemble is a performance-based class that will perform with the PHS Symphonic Band at concerts, competitions, and sporting events. This ensemble challenges the students' musical abilities through performance of some of the newest high school band and percussion ensemble literature written today. Participation in marching/pep band is required.

GUITAR #05108 Grades 9, 10, 11, 12/Length: 1 Trimester

Beginning Guitar will instruct students on various performance practices related specifically to the guitar. Topics covered will include (but not be limited to) parts of the guitar, tuning, chords, strumming, fingering, note reading, and basic music theory. Students will perform one night time group concert during the term. Students will need a guitar for this class.

CONCERT CHOIR #05111 Grades 9, 10, 11, 12/Length: Year

This year-long course is available by audition only. Students in this choir should make every attempt to make this choir a full year commitment. Concert choir consists of serious vocal musicians, so outside practice is expected. Choir members will learn advanced vocal and choral technique, music reading and sight-reading skills. This SATB choir performs three concerts per year and for the swing dance. In addition, the concert choir performs at 2/3 festivals per year and at special community functions. This choir also sings the national anthem at selected athletic events. Students are encouraged to take private lessons and parents are encouraged to participate in the Music Booster Club. There may be additional costs when participating.

THEATRE ARTS #0505214 Grades 9, 10, 11, 12/Length: Trimester

This course focuses on the world of theatre, with study in the areas of: theatre orientation, careers, safety, theatre history, play reading, performance and production analysis, acting and auditioning, and various aspects of technical theatre (lighting, makeup, sound, costuming, stage and scene design, and props). Beginning students will be part of a cohort (between 3-5 students) led by advanced theater arts students. These leaders will assist the teacher in coaching workshops and performance lab sections of the class. Students will audition for acting and technical positions in the student-directed (Theatre 4) one-acts presented in the studio theatre and crew positions in the mainstage production. Students will perform varied scripts, participate in acting activities, memorize and perform an in-class monologue and scene (options for public performance), and present an in-class technical demonstration and design, in addition to attending a university/ professional and/or local high school production when available. This course will include substantial class participation in dynamic activities and discussions, reading, writing, speaking, performing, and hands-on work in technical theatre

INTRO TO ART #0515412 Grades 9, 10, 11, 12/Length: Trimester

This course gives students a solid foundation in art: drawing, the elements of design, ceramics, art history, art criticism, and a chance to study a wide variety of artists, styles and media including pencil/graphite, printmaking, clay, acrylic painting, scratchboard and paper collage. This is an excellent course to give students a thorough understanding of visual communication and personal expression. An important thought: Students who take art courses score higher on the SAT tests! (On average 59 points higher in verbal and 44 points higher in math. Elizabeth Murfee) **\$15.00 supply fee**

ART AND DESIGN #0515422 Grades 9, 10, 11, 12/Length: Trimester

This class builds on the knowledge gained in Intro to Art, but can be taken without it. Students continue in their study of design basics, and experiment with sculpture, markers, colored pencils, calligraphy, watercolor, and more clay. Students are encouraged to find their own answers to problems that are posed, rather than having the "right" answer. **\$15.00 supply fee**

CERAMICS #05159 Grades 9, 10, 11, 12/Length: Trimester

This course gives students the opportunity to spend an entire trimester with their hands in clay! The class covers the basics of hand building including the pinch, coil, slab, and slump methods. It also gives students a chance to try ceramic sculpture, and create a wide variety of clay projects. No previous art courses or experience with clay is necessary. **\$20.00 per trimester**

ADVANCED ART #05154E Grades 10, 11, 12/Length: Trimester

Advanced Art is designed for two different groups of students: The first group is students who want to continue creating artwork, and exploring new artistic styles and media after completing the Introduction to Art class. The second is students who are interested in pursuing careers in art. Curriculum for both groups include drawing from the model, the introduction of advanced techniques and media, creating a piece of work that copies the style of a well-known artist, and development of the student's personal style. Career-track students build a portfolio which meets entrance requirements for most art schools. Visits to local museums, guest

artists and art school speakers are also part of the course. **Course may be repeated as curriculum changes each year. \$15.00 per trimester. Prerequisite: Introduction to Art or teacher approval.**

INDEPEND. STUDY OF ART OR CERAMICS #05197 Grades 9, 10, 11, 12/Length: Trimester

With the permission of the instructor, and completion of Intro/Advanced Art or Ceramics course, students may take an independent study in which they are in charge of the ideas for their project. Pieces are due every week, and grading standards are tough. Students are also required to display their work in a solo show during the term. **\$15.00 per trimester for Art, \$20.00 for Ceramics Prerequisite: Teacher approval.**

COMPUTER/TECHNOLOGY PROGRAM

COMPUTER APPLICATIONS #10004 Grade 9, 10, 11, 12/Length: Trimester

Continued emphasis is given to skill building and formatting of a variety of documents. An integrated project using MS Word, Excel, Powerpoint, and the Internet is the culmination of the course. **College Now credit available.**

WEB DESIGN BASICS WITH HTML #10201 Grades 9, 10, 11, 12/Length: Trimester

Learn the basics of designing and creating web sites using basic HTML and Dreamweaver. Each student will design and create a web site following basic design principles using Dreamweaver software. **College Now credit available. Prerequisite: Computer Applications**

DESKTOP PUBLISHING #11152 Grades 9, 10, 11, 12/Length: Trimester

Learn basic design principles and the use of desktop publishing software to produce professional-looking publications including newsletters, flyers, signs, and brochures to magazines, books and catalogs, and more. Put your computer skills to use and get real-world practice as a desktop publisher for a pizza business or as a leader of a band in a simulation that will challenge your design and pay layout skills through a wide variety of documents. **Prerequisite: Computer Applications**

BROADCAST MEDIA PRODUCTION #11103 Grades 9, 10, 11, 12/Length: 1- 2 Trimesters

Students will produce announcements daily and will also have the opportunity to produce reports on school and community activities in a timely manner. *****This course will only be a production class during the 2011-2012 school year and will only be offered for one term.**

GRAPHIC DESIGN #11153 Grades 10, 11, 12/Length: Trimester

This course covers the principles of design and general layout procedures. Content will cover electronic systems and software programs used in graphic design, page composition, image conversion, and digital printing. Students will explore design programs, which will include, an image-editing program that makes it possible to produce high-quality digital images and manipulate scanned images as well as outputting color separations and halftones. This course will familiarize students to the basic functions and tools a graphic design programs can offer and challenge them to use these tools with creative projects. **Prerequisite: Desktop Publishing or Web Design Basics**

BUSINESS PROGRAM

INTRODUCTION TO BUSINESS #1205112 Grades 9, 10, 11, 12/Length: 1 Trimesters

Students in Intro to Business will participate in a business simulation called **Mean Jeans**. Mean Jeans is a workflow simulation based on the operations of an imaginary small business community. Each student will act as the manager of a business where they will write checks, balance a checkbook, create invoices, and participate in a variety of other business activities. This class serves as an introduction to other business courses students may take either in high school and/or college. Students interested in pursuing a Business and Management Cam are encouraged to take this introductory course.

PERSONAL FINANCE #22210 Grade 12/Length: Trimester

Personal Finance focuses on the student's role as a citizen, student, family member, and consumer as an active participant in today's society. The intent is to inform students of their various economic and financial rights and responsibilities. After completion of the course, students will have a better understanding of their own wants, needs, and values, and how these elements affect personal financial decisions. Theory and application in the following areas are covered: economics, investments, credit and contracts, housing, taxes, banking, budgeting, employment, insurance, and consumer protection.

MARKETING #1215212 & 1215222 Grades 10, 11, 12/Length: 2 Trimesters

Marketing is one of most visible business activities around you. Every business is involved in marketing. But it is not just about advertising and promotion! Marketing includes advertisements on television and radio, products being transported by truck, and marketing researchers in shopping malls and so much more. You are involved in marketing through marketing decisions you make every day. Marketing activities are involved when you select products or services, when you decide to pay cash or charge, etc. By studying marketing, you will learn how businesses use marketing to increase their effectiveness and profits. It will also improve your personal marketing skills that are useful to you as a consumer and as an employee, employer or leader of an organization.

BUSINESS AROUND THE WORLD#12056 Grades 10, 11, 12/Length: Trimester

International business activities affect everyone. Consumers buy products from many different countries. Workers find employment opportunities around the world. Companies compete with businesses from other countries for the money spent by consumers. This course provides a background in the global marketplace and makes students aware of the growing need for becoming active in a global business economy. Cultural customs and traditions, trade, business travel, international marketing, and more are among the topics to be covered. Students will participate in an international business research project as "employees" of a business seeking to expand their markets as well as learning how to make appropriate international travel arrangements and how to conduct business in a foreign country.

INDUSTRIAL & ENGINEERING SYSTEMS PROGRAM

MANUFACTURING TECHNOLOGY/SHOP 1 #1320713 Grades 9, 10, 11, 12/Length: Trimester

Students will learn oxy-acetylene welding, cutting torch, gas metal arc welding, and basic fabrication. Lab fee: \$10 per trimester. **Fee assessed in advance for any metal used for personal projects unless metal is donated. College Now.**

MANUFACTURING TECHNOLOGY/SHOP 2 #1320723 Grades 9, 10, 11, 12/Length: Trimester

Students will learn shielded metal arc welding, blueprint reading, and basic fabrication. Lab fee: \$10 per trimester. **Prerequisite: Shop 1. Fee assessed in advance for any metal used for personal projects unless metal is donated. College Now.**

MANUFACTURING TECHNOLOGY/SHOP 3 #1320733 Grades 10, 11, 12/Length: Trimester

Students will learn basic machining, advanced fabrication skills and advanced blueprint reading. Lab fee: \$10 per trimester.

Prerequisite: Shop 2. Fee assessed in advance for any metal used for personal projects unless metal is donated. College Now.

DRAFTING 1 #21102 Grades 9, 10, 11, 12/Length: Trimester

This course is designed to introduce the student to drafting design and basic engineering principles. Career opportunities and applications of drafting and engineering are explored. Other topics covered are sketching, lettering, equipment, lines, scales, geometric constructions, orthographic projection, dimensioning, pictorials, and an introduction to computer aided drafting.

Students can earn up to 2 college credits through **College Now** for drafting and design courses. Lab fee: \$10 per trimester.

ARCHITECTURAL DESIGN #21103 Grades 9, 10, 11, 12/Length: Trimester

Students will work on fundamentals of preparing designs and blueprint-like documents for creating and/or renovating such projects as rooms, homes, and other structures. Elective credit. Students can earn up to 2 college credits through **College Now** for drafting and design courses. **Prerequisite: Drafting 1**

INVENTOR & MECHANICAL DESIGN #21106 Grades 9, 10, 11, 12/Length: Trimester

Students use previously learned drafting skills and knowledge in a series of projects of their own creation and interest. Projects will also include designing moving parts and machinery. Elective credit. Students can earn up to 2 college credits through

College Now for drafting and design courses. **Prerequisite: Drafting 1**

ADVANCED PROJECTS #13997 Grades 11, 12/Length: Trimester

This class is for the student who is motivated to work on independent projects in the Industrial and Engineering area. Lab fee: \$10 per trimester. **Instructor approval required. Prerequisite: Shop 3 and/or Drafting 3.**

ROBOTICS #21009 Grades 9, 10, 11, 12/Length: Trimester

This course develops and expands students' skills and knowledge in the design of robotic devices. Topics may include mechanics, electrical and motor controls, pneumatics, computer basics, and programmable logic controllers. Students enrolled in this course may also compete in Robotics competitions and as part of PHRED – the Philomath Robotics Team. This class will meet twice a week during 5th period and ending at approx. 4:30pm. Students and Parents need to plan for the other 3 days that the class does not meet.

FAMILY & CONSUMER STUDIES PROGRAM**TODAY'S FOODS #16054 Grades 9, 10, 11, 12/Length: Trimester**

Today's Foods will focus on the planning and preparation of foods quickly, economically, and nutritionally for individuals and families in our fast paced world. \$20.00 lab fee per trimester.

CULINARY ARTS 1 #1605212 Grades 10, 11, 12/Length: 1 Trimester – 2 period block**CULINARY ARTS 2 #1605222 Grades 10, 11, 12/Length: 1 Trimester – 2 period block**

This class uses the ProStart program as its main curriculum. Within this context, students will study a variety of food preparation techniques as well as basic business management skills used in the restaurant and food service industry. Through classroom instruction, labs, guest speakers, field trips, and work with a mentor chef, students will develop their culinary knowledge and skills.

College Now credit is available. Students do not need to take Year 1 before moving on to Year 2. \$40 lab fee and \$10 Food Handlers Card. Prerequisite: Today's Foods

CHILD DEVELOPMENT #19052 Grades 9, 10, 11, 12/Length: Trimester

This class will cover topics relating to children such as child development, guidance, play, nutrition, safety, and interacting with children. As part of the course, we will offer a preschool for three- to five-year-olds in the community to give students opportunity to work with children and gain experience in planning and implementing age appropriate activities.

ADV. CHILD DEVELOPMENT #19052E Grades 10, 11, 12/Length: 2 Trimesters

This class is offered for the student who is motivated to plan curriculum and teach in the preschool as well as complete independent study projects related to children. This is a great opportunity for the student who desires to work towards a Human Resources CAM with an emphasis in education. **College Now credit (9) is available. Prerequisite: Child Development**

CADET TEACHER #19197 Grades 10, 11, 12

This experience is for the student who is interested in working with other students and teachers at the primary, elementary, middle, or high school level. The activities depend upon the nature of the class. It is an excellent opportunity for the student who is interested in a teaching career and earning a Human Resources CAM. Cadet Teaching is tied in with Child Development or can be done with Mrs. Melonuk on an individual, pre-approved basis. **College Now credit (3) is available.**

INTERIOR DESIGN #19205 Grades 10, 11, 12/Length: Trimester

This course is designed to provide an introduction to the interior design field including the artistic elements as well as the functional considerations in design. The focus of study will include design elements and principles, space planning, furniture styles and construction, lighting, kitchen planning, selection of equipment, fixtures, and accessories. In addition to the theory behind successful design, students will have the opportunity to learn fundamentals of the construction process for interior accessories. This will include, but is not limited to, window treatments, bed and table coverings, and other accessories. In a designer/client scenario, computers may be used to prepare drawings, estimate costs, keep records, and write letters. A portion of time will focus on career opportunities, necessary aptitudes and skills, and education requirements in the interior design field.

ADVANCED PROJECTS FACS #22247 Grades 10, 11, 12/Length: Trimester

This course is for the student who is motivated to work on independent projects in the area of interior design, culinary arts, or child development. All costs associated with the projects will be the responsibility of the student. **Prerequisites: Interior Design, Culinary Arts, or Child Development**

ADDITIONAL/SUPPORT COURSES**SENIOR PROJECT LAB #22106 Grade 12/Length: Trimester - .5 credit**

This class will be used to guide seniors through the senior project graduation requirement. Final product of the course should be the project's research paper. Class is required for all seniors. Seniors may apply for exemption if they have already completed a

research paper that has received a passing grade. This course is required, unless a student receives an exemption, and will receive elective credit.

DRIVER EDUCATION #08152 Length: Trimester - .25 credit

Driver Education is an elective course consisting of thirty hours of classroom work, six hours of behind the wheel driving and six hours of driving observation. It is designed to improve a young driver's knowledge of and attitude toward driving. Through lectures, discussions, videos, student interactions, role playing and guest speakers, students will learn the rules of the road as well as the hazards and responsibilities of owning and driving an automobile. The twelve hours of behind the wheel driving and observation are designed to improve the student's ability to handle the car in different driving environments. With successful completion of the class work and the behind the wheel driving, each student will receive a certificate of completion. This certificate can be presented to Oregon DMV and will be accepted by them as counting for fifty of the one hundred hours of practice driving needed to qualify for an Oregon Driver's License. Currently the fee is \$200.00. An Oregon Learner's Permit is required. **Students are not enrolled in this course until Registration in the fall AFTER they have paid \$200 and show their permit.**

YEARBOOK #11104 Grades 9, 10, 11, 12/Length: minimum 2 Trimesters

A production course in design, layout, and elements pertaining to yearbook production. This class will design and organize materials for the current high school yearbook. Creative writing abilities and computer skills are important criteria for this class. **Instructor approval required.**

AIDE OFFICE #22051 Grades 9, 10, 11, 12/Length: Trimester

This class offers practical experience in office work. Students perform, but are not limited to, the following duties: collect attendance slips, run errands, answer the telephone, greet visitors, do basic typing and filing, keeping work room clean, and other gopher jobs. Confidentiality is an important aspect of this class. Students interested in this class must make application with the office secretaries. **Do not sign up for this class without approval from the office.**

AIDE LIBRARY #22053 Grades 9, 10, 11, 12/Length: Trimester

This class gives exposure to basic library functions: filing, shelving materials, preparation of materials, and book repair. Emphasis is placed on understanding the workings of the library and customer service. Students will receive exposure to library computer programs, automation, CDs, and audiovisual training. **Approval by Mrs. Goodson is required for this class.**

AIDE TEACHER #22995 Grades 10, 11, 12/Length: Trimester

This class gives the student the opportunity to work closely with a teacher to support the teaching process. Duties may include clerical work, setting up equipment, running errands, working with students, and cleaning up the room at the end of the class. **Approval from the instructor is a prerequisite for this class.**

AIDE GUIDANCE CENTER #22052 Grades 10, 11, 12/Length: Trimester

The student will deliver messages, do filing, copying, and other jobs that the counselors or secretary may assign. Confidentiality is the most important aspect of this class. **Approval from the Guidance Counselor is a prerequisite for this class. A student must maintain at least C's in all classes to be a guidance center aide or remain as a guidance center aide.**

SWIM CADET #08048 Grades 10, 11, 12/Length: Trimester

This course is designed for students who wish to work with youth in an aquatic environment. Students may attain their WSI Aid Certification through the Red Cross. Students will be required to have near perfect attendance, set learning objectives, develop lesson plans, teach specific water safety material, and demonstrate leadership skills by being a role model to younger students. Students will receive instructions and training from the aquatic director. Daily in-water participation is mandatory. **Satisfactory application and approval is prerequisite for this class.**

ENGLISH LANGUAGE LEARNERS (ELL) LAB #01008 Grades 9, 10, 11, 12

This class is designed to help students learning to speak English. The instructor will work with other teachers of each student to assist in designing a program for successful completion of each course, including designing assignments that are appropriate and challenging for each student. **Prerequisite: Teacher's permission based on recommendations from guidance and administration offices.**

EDUCATIONAL RESOURCE CENTER COURSES (ERC) Grades 9, 10, 11, 12

In order for students to participate in Educational Resource Center (ERC) courses, they must be referred, evaluated, and tested for special education. A student must be found eligible to receive specially designed instruction in the ERC. If a student is determined to be eligible for special education, an Individual Education Program (IEP) must be written, implemented, and evaluated on an annual basis. Courses designated as ERC will not count towards admissions to a 4 year college.

PHILOMATH DIRECTIONS PROGRAM Grades 10, 11, 12

This class is designed to help students who are not successful in a regular education classroom. Students work independently on earning credits that they are deficient in for graduation. There is an application for this class available in the guidance center. Students who are accepted in the Philomath Directions program are placed on an attendance and work contract. **Prerequisite: Application, interview with Administrator and teacher, and contract.**