



PORTLAND CHRISTIAN SCHOOLS

# Portland Christian High School

**Elective and Credit**

**GUIDE**

**2008 - 2009**

## Senior High School Academic Policy

<b>Minimum Graduation Requirements:</b>	<b>Standard Diploma</b>	<b>Scholars Diploma</b>
<b>Bible</b>	4 credits	4 credits
<b>English</b>	4 credits	4 credits
<b>Social Studies</b> <ul style="list-style-type: none"> <li>• World History 9th</li> <li>• Contemp. Culture 10th</li> <li>• US History 11<sup>th</sup> (Reg. or AP)</li> <li>• Gov't/Economics 12<sup>th</sup> (Reg. or AP)</li> <li>-----</li> <li>• AP US History</li> </ul>	4	4     - ----- (1) May be taken in lieu of an advanced science
<b>Math</b>	3 – through Alg. 2 (typically Alg. 1, Geometry, Alg. 2)	3 – through Pre-Calc.
<b>Science</b>	3 – Biology + at least one physical science (chemistry, concept. physics, physics)	4 – Biology + at least one physical science (chemistry, concept. physics, physics)
<b>Foreign Language</b>	2 – through 2 <sup>nd</sup> year of same language	3 – through 3 <sup>rd</sup> year of same language
<b>Creative/Fine/Applied Arts</b>	2	3
<b>Computer Science/Keyboarding</b> (Waived if completed in Jr. High)	1	1
<b>Health</b>	1	1
<b>Physical Education</b>	1	1
<b>Career Education</b>	0.5	0.5
<b>Senior Thesis</b>	0.25	0.25
<b>Electives</b>	4	2
<b>TOTAL</b>	<b>29.75</b>	<b>30.75</b>
<b>Minimum GPA</b>	<b>2.0</b>	<b>3.25</b>

- Please Note:** (1) Transfer students will **not** be required to make up Bible classes, but **must** meet all other graduation requirements.  
(2) No student will be allowed to graduate with fewer than the prescribed number of credits.

**RECOMMENDED SEQUENCE of MINIMUM REQUIREMENTS**

<b>Standard Diploma [Minimum of 29.75 credits, including 0.5 credit of Career Education]</b>			
<i>9<sup>th</sup> Grade</i>	<i>10<sup>th</sup> Grade</i>	<i>11<sup>th</sup> Grade</i>	<i>12<sup>th</sup> Grade</i>
Bible – 9	Bible – 10	Bible – 11	Bible – 12
English – 9	English – 10	English – 11	English - 12
World History	Contemporary Culture	U. S. History	Government/Economics
Biology	Science	Science	Senior Thesis
Pre-Alg. or Alg. 1	Alg. 1 or Geometry	Alg. 2 or Geometry	Alg. 2
Health	Foreign Language - 1	Foreign Language – 2	
Physical Education			
Keyboard/Computer (if not completed in Junior High)			

Two Units of Creative/Fine/Applied Arts must also be taken

<b>Scholars Diploma [Minimum of 30.75 credits, including 0.5 credit of Career Education]</b>			
<i>9<sup>th</sup> Grade</i>	<i>10<sup>th</sup> Grade</i>	<i>11<sup>th</sup> Grade</i>	<i>12<sup>th</sup> Grade</i>
Bible – 9	Bible – 10	Bible – 11	Bible – 12
English – 9 (Reg. or Honors)	Honors English – 10	Honors English - 11	AP English
World History	Contemporary Culture	AP U.S. History	Gov't/Econ (or AP Gov't.)
Biology	Science	Science	Science
Alg. 1 or Geometry	Alg. 2 or Geometry	Alg. 2 or Pre-Calculus	Pre-Calculus
Health	Foreign Language – 1	Foreign Language – 2	Foreign Language – 3
Physical Education			Senior Thesis

Three units of Creative/Fine/Applied Arts must also be taken.

NOTE: AP courses are available to all students, regardless of Diploma Track.

## **SCHEDULING NOTES**

- 1. Minimum number of Blocks students may be enrolled:** Students are required to enroll in 8 credits each year. **Exception:** Seniors are required to carry a minimum of **6 classes**. Upon approval of the administrator and parent/guardians, Seniors may have Late Arrival or Early Release if in good standing and on track for graduation.
- 2. Change of Schedule:** A student in grades 9 – 12 may change his/her schedule during the first two weeks of a semester. Any change of schedule after two weeks must first be approved by the Principal or Counselor. Upon approval, the student must then secure the approval/signature of parents/guardians and the teachers involved before the change can be made.  
**NOTE:** Any class dropped after the first two weeks will be treated as a “withdrawal” (see below).
- 3. Withdrawal from a class:** Dropping a class after the first two weeks will result in a grade of “F” unless the change is approved/requested by the teacher. In this case, the grade will be either “WP” (withdrew, passing at the time) or “WF” (withdrew, failing at the time). Please note that these “W” grades will appear on the student transcript but will NOT affect the GPA.
- 4. Daily Participation Grade:** Classroom experience, (lecture, discussion, interaction), is important to the learning process. Therefore, students will receive a daily participation grade in each class.
- 5. Scholars Diploma:** To receive the Scholars Diploma students must take all courses required for the program and achieve a GPA of 3.25 or higher by the end of the senior year. Students may begin their program in the Standard Diploma track and switch to the Scholar’s track later.

## **General College Admission Requirements**

- English (4 credits)
- Mathematics (3 credits)  
“College prep” math, beginning with Algebra 1.
- Science (2 credits)  
Should be college preparatory, laboratory courses; Biology, Chemistry, Anatomy and Physiology, Conceptual Physics, Physics, and AP Biology meet this requirement.
- Social Studies (3 credits)
- Foreign Language – same language (2 credits minimum)

P.C. students who have taken 4 units of English, 3 units of Social Studies, 3 units of Math , 2 units of a College Prep Science (i.e. Biology and Chemistry), and 2 units of the same Foreign Language will have met the course requirements for admission as Freshman to Oregon Schools of Higher Education.

### **Please note:**

Some colleges may require more than these requirements – some less. It is recommended that students check the admission requirements for the specific college(s) they are considering.

### **NCAA Clearinghouse**

Student athletes wishing to compete at the Division 1 and Division 2 college level need to be cleared by the NCAA Clearinghouse before being eligible to compete. It is the student’s responsibility to make sure that they meet the NCAA Clearinghouse requirements. These requirements and Clearinghouse procedures can be found at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).

## Notes from the MATH DEPARTMENT

(1) **GRADUATION REQUIREMENT:** Standard diploma – 3 years through Algebra 2  
Scholars diploma - 3 years through Pre-Calculus

(2) **MATH COURSE PROGRESSION (For those who may be confused . . .):**

\* Algebra 1

\* **GEOMETRY**

\* ALGEBRA II

\* Pre-Calculus

\* **CALCULUS (AP)**

(3) Algebra 1 taken in 8<sup>th</sup> grade **WILL COUNT** as a High School math credit.

## Notes from the SCIENCE DEPARTMENT

(1) **GRADUATION REQUIREMENT:** Standard Diploma -3 credits  
Scholars Diploma -4 credits

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<b>REQUIRED</b> (9 <sup>th</sup> Grade)	<b>CHOICES</b>	
	<i>PHYSICAL SCIENCES</i> (at least one from this list)	<i>BIOLOGICAL SCIENCES</i>
Biology	Chemistry	Anatomy & Physiology
	Conceptual Physics	Advanced Placement Biology
	Physics	

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(2) Physical Science taken in 8<sup>th</sup> grade **WILL COUNT** as a High School science credit  
(Classes of 2009 and 2010 ONLY).

# NEW COURSES!

## **Introduction to Art History**

**Prerequisite:** *None*

**Teacher: Jennifer Pinkham**

**Credit: 0.5 or 1.0**

This class will follow the development of art in its many facets throughout civilized history. We will follow a similar timeline as AP art history, but the class is not nearly as intense. We use the same text, and get a taste of what to expect in a college level class with a few art assignments, written assignments, quizzes, projects and a final test that ties in with the time periods. This class is perfect for those who enjoy art but do not feel as artistic as others, those who enjoy history, or those who intend to study art in college.

FALL TERM: Will cover Early Civilizations through the Baroque Period in Europe

SPRING TERM: Will cover Europe and America from 1750 to modern day, as well as art developments in a number of other regions.

## **Multi-Media Art**

**Prerequisite:** *Art 1*

**Lab fee required**

**Teacher: Jennifer Pinkham**

**Credit: 0.5**

The focus of this class is to experiment with mixing mediums and trying things that are not used in Art 1. This class is perfect for those who have taken Art 1 but do not feel comfortable with an Advanced Art class right away, or for those who have taken everything possible and are looking to expand their art repertoire.

## **Quilting**

**Prerequisite:** *None*

**Lab fee required**

**Teacher: TBA**

**Credit: 0.5**

Students will be introduced to the tools and craft of quilt making. Students will produce at least one complete quilt during the course of this class.

## **Explorer Band**

**Teacher: Kevin Sippel**

**Credit: None**

**Prerequisites:** *Experience is NOT required. The student must have a band instrument and band workbook.*

Exploring Band is designed for the student in grade 6 through 12 who have had little or no experience in instrumental music and wish to study a band instrument for the first time. This course is also for those who desire to renew the study of a band instrument or pursue a different band instrument. Students in Explorer Band students learn the basics of tone production, practice skills, music reading musical concepts needed to participate in Middle School Band or Concert Band.

**This class will meet during High School Advisory.**

# ELECTIVE CHOICES

**NOTE: Electives are listed below by Department. This list is subject to change.**

## ADVANCED PLACEMENT (AP) COURSES

It is recommended that students attempt at least one Advanced Placement course in high school. Some of these courses may be taken in lieu of required courses (AP English for English 12) while others are truly electives (AP Calculus and AP Spanish)

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### **Advanced Placement English**

**Teacher: Lori Blair**

**Prerequisite:** *Honors English 9 - 11, Qualifying GPA, Recommendation by English Faculty*

**Credit: 1.0**

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AP English is designed to offer students a college-level English course during their senior year. Through the study of literature works normally studied at the college level, the course will emphasize the development of independent thought, practical literary analysis, and mature habits of critical thinking. Summer reading, class discussion, outside reading, and frequent writing assignments provide the basis of the curriculum. In the spring, students **MUST** take the AP Examination in Literature and Composition. This test gives each student an opportunity to earn college credit. **NOTE: Summer reading is required.**

### **Advanced Placement Calculus**

**Teacher: Andrew Janssen**

**Prerequisite:** *Pre-Calculus or teacher approval*

**Credit: 1.0**

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Calculus, a unique reflector of the power and infinity of the Creator, is a college - level, Advanced Placement course. Students who have earned grades of A or B in Pre - Calculus are invited to participate. At the conclusion of the class, students may elect to take the national AP Calculus exam to determine their qualification to receive college credit.

### **Advanced Placement Biology**

**Teacher: Kim Newman**

**Prerequisite:** *Biology (A- or better) and Chemistry (B- or Better) or teacher approval*

**Credit: 1.0**

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AP Biology is a course designed to give students an opportunity to earn college credit while still attending high school. The class consists of studies in each of the major fields of biology that are taught in a college first year biology course. At the conclusion of the class, students will take the national AP Biology exam to determine their qualification to receive college credit. Regardless of the exam results, students who complete the course will be well prepared for college courses in biology. **NOTE: Summer reading is required.**

**APEX Advanced Placement Spanish**  
**Prerequisite:** *Level 3; teacher approval*  
**Fee:** \$65

**Teacher:** Sofia Calderon  
**Credit:** 1.0

AP Spanish is offered as an internet-based interactive program that is designed to prepare students in advanced oral and written skills in preparation for the national Advanced Placement (AP) test in May. This is primarily an independent-study course, under the supervision of a foreign language instructor. Students may earn college credit and/or advanced college placement upon receiving satisfactory scores on the AP test (subject to individual university policy).

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**Advanced Placement U.S. Government and Politics**  
**Prerequisite:** *World & U.S. History, teacher approval*

**Teacher:** Jon Roberts  
**Credit:** 1.0

AP Government and Politics is open to 12th grade students in place of the required senior class U.S. Government/Economics. The class is designed to provide students with the factual knowledge and analytic skills necessary to understand how American government is organized and how it works. It also prepares them to be a committed and involved citizen with complete knowledge of the American form of government. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those of a full-year introductory college course. At the conclusion of the class students will take the national AP Government exam to determine their qualification to receive college credit.

**NOTE: Summer reading is required.**

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**Advanced Placement U.S. History**  
**Prerequisite:** *World History, teacher approval*

**Teacher:** Jon Roberts  
**Credit:** 1.0

AP U.S. History may be taken in lieu of regular U.S. History, typically during the junior year. The class is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American history. The program prepares students for intermediate and advanced college courses by making demands upon the student that are equivalent to those of a full-year introductory college course. At the conclusion of the class students will take the national AP exam to determine their qualification to receive college credit. **NOTE: Summer reading is required.**

## **BIBLE DEPARTMENT**

**Apologetics – Questions of the Faith**  
**Prerequisite:** *Grades 10 - 12*

**Teacher:** To be arranged  
**Credit:** 0.5

Apologetics will delve into some of the difficult questions that challenge our faith: Is your salvation secure? Why does a loving God allow suffering? Who chooses, you or God, in relation to saving grace? And many more! Students will search the Scriptures to find some surprising answers. The course will consist primarily of **discussion** and in-class research.

## BUSINESS AND COMPUTERS

### **Web Design**

**Prerequisite:** *Computer Science*

**Teacher: Bob Blackwell**

**Credit: 0.5**

This course is designed to introduce the student to a wide range of topics concerning the Internet. The main emphasis of the course will be mastering Macromedia Studio 2004 which involves web page design and construction.

### **Computer Graphics & Animation**

**Prerequisite:** *Computer Science*

**Teacher: Bob Blackwell**

**Credit: 0.5**

This course will allow the student to create projects with various computer graphic programs. The course offers an abundance of tips and techniques for programmers of all levels who want to learn how Flash technology, Maya, alice.org and Claymation can be used. Students will be introduced to key elements of the software. In addition, we will work on some film projects.

## CREATIVE/APPLIED/FINE ARTS

### **Art 1**

**Prerequisite:** *None*

**Art Lab fee**

**Teacher: Jennifer Pinkham**

**Credit: 0.5**

This course is an elective which may be taken by any student, grades 9 -12. In this class the student is exposed to various art forms using both the tools and materials of the artist. Knowing that art closely reflects an artist's worldview, student will gain foundational art skills and knowledge in order to become more visually discerning.

The Fall Semester class will participate in the annual art show.

Repeating this course for credit must be approved by the instructor.

### **Multi-Media Art**

**Prerequisite:** *Art 1 or Junior High Art 2*

**Art Lab fee**

**Teacher: Jennifer Pinkham**

**Credit: 0.5**

This class will focus on experimenting with the mixing of mediums and trying things that are not used in Art 1. This class is perfect for those who have taken Art 1 but do not feel comfortable with an Advanced Art class right away, or for those who have taken all other art classes and are looking to expand their art repertoire.

**Advanced Art — Drawing and Painting****Prerequisite:** *Art I***Art Lab fee****Teacher: Jennifer Pinkham****Credit: 0.5****Meets: Fall Semester**

The second year art student should be reasonably comfortable with basic art techniques and tools. They should become more visually aware and increasingly capable of meeting standards of quality in their own work. Students will be expected to execute more complicated forms in two-dimensional media. In general they should be able to build on basic drawing and painting skills to develop and communicate individual themes and ideas.

Advanced art students in fall classes will design the annual art show. All advanced classes will design a mini-portfolio of their work.

**Advanced Art — Ceramics and Sculpture****Prerequisite:** *Art I***Art Lab fee****Teacher: Jennifer Pinkham****Credit: 0.5****Meets: Spring Semester**

The second year art student should be reasonably comfortable with basic art techniques and tools. They should become more visually aware and increasingly capable of standards of quality in their own work. In general students will be asked to build on basic ceramic skills to create more complicated forms with a greater degree of craftsmanship and the integration of personal themes. Other three dimensional media will be explored as an extension of the understanding of form and space.

Advanced art students in fall classes will design the annual art show. All advanced classes will design a mini-portfolio of their work.

**Introduction to Art History****Prerequisite:** *None***Teacher: Jennifer Pinkham****Credit: 0.5 or 1.0**

This class will follow the development of art in its many facets throughout civilized history. Students will follow a similar timeline as AP art history, but the class is not nearly as intense. The class will use the same text, and get a taste of what to expect in a college level class with a few art assignments, written assignments, quizzes, projects and a final test that ties in with the time periods. This class is perfect for those who enjoy art but do not feel as artistic as others, those who enjoy history, or those who intend to study art in college.

FALL TERM: Will cover Early Civilizations through the Baroque Period in Europe.

SPRING TERM: Will cover Europe and America from 1750 to modern day, as well as art developments in a number of other regions of the World.

**Chess Strategies****Prerequisite:** *None***Teacher: Alan Svehaug****Credit: 0.5**

King of Games and Game of Kings! This course offers tools, skills, principles, and practice opportunities to improve the student's chess game. Enjoy chess more by learning to win more games. Learn to appreciate the art and strategy of chess.

Yes, this course fulfills the Creative/Fine Arts Requirement!

**Advanced Chess: Creating a Team****Prerequisite:** *Teacher approval only***Teacher:** Alan Svehaug**Credit:** 0.5

The advanced student is given the opportunity to join the Portland Christian Chess Team and is trained to participate in local and national tournaments.

**Home Management — Cooking****Prerequisite:** *None***Cooking Lab fee****Teacher:** Holly McBride**Credit:** 0.5

This course is designed for students who have had some cooking experience at home or in the Junior High Home Management class. The student will learn skills to aid them in menu planning, shopping, food preparation, cooking and cleaning. A deeper knowledge of nutrition will also be a major focal point. The student is expected to do a home meal project as well as work in a simulated restaurant in which students learn group cooking for large numbers.

**Home Management - Quilting & Sewing****Prerequisite:** *None***Lab fee required****Teacher:** Holly McBride**Credit:** 0.5

Students will be introduced to the tools and craft of quilt making. Students will produce at least one complete quilt during the course of this class.

**Wood Shop****Prerequisite:** *None***Shop Lab fee****Teacher:** Rob Striffler**Credit:** 0.5

This first course in woodworking is designed to give a general understanding of woodworking tools and processes. The correct and safe operation of hand and power tools will be stressed. The students will apply learned skills in the construction and completion of a required major project and two minor projects.

**Yearbook****Prerequisite:** *Approval of Yearbook Advisor***Advisor:** Daniel Burnett**Credit:** 0.5 or 1.0

Students will work together as a team to design, create and publish the high school Portland Christian yearbook.

## MUSIC DEPARTMENT

### Guitar Level 1

**Teacher: Kevin Sippel**

**Credit: 0.5 (FALL)**

**Prerequisites:** *No prior experience required. The student must have a six-string guitar acoustic preferable). Student will purchase a workbook, Jerry Snyder's Guitar School book 1. High school and middle school students are welcome.*

**Fee:** purchase of SMARTMUSIC (\$25)

Guitar Level 1 is offered **FALL SEMESTER ONLY**. Guitar Level 1 is designed for students with little or no experience playing the guitar or reading guitar music. Students learn the fundamentals of guitar playing, including common chords, some playing styles, and the reading of three types of music notation. Guitar Level 1 performs publicly at least once. Participation in the performance is one of the graded activities.

### Guitar Level 2

**Teacher: Kevin Sippel**

**Credit: 0.5 (SPRING)**

**Prerequisites:** *Pass Guitar Level 1 or Teacher approval required. The student must have a six-string guitar (acoustic preferable). Student will purchase a workbook, Jerry Snyder's Guitar School book 1 & 2.*

**Fee:** for purchase of SMARTMUSIC (\$25)

Guitar Level 2 is offered **SPRING SEMESTER ONLY**. Guitar Level 2 offers students who have developed some chord playing skills and some skill reading guitar music an opportunity read more challenging music and play more difficult guitar literature. Students also learn some music theory related to building and voicing chords. Guitar Level 2 performs publicly at least once. Participation in the performance is one of the graded activities.

### Explorer Band

**Teacher: Kevin Sippel**

**Credit: None**

**Prerequisites:** *Experience is NOT required. The student must have a band instrument and band workbook.*

Exploring Band is designed for the student in grade 6 through 12 who have had little or no experience in instrumental music and wish to study a band instrument for the first time. This course is also for those who desire to renew the study of a band instrument or pursue a different band instrument. Students in Explorer Band students learn the basics of tone production, practice skills, music reading musical concepts needed to participate in Middle School Band or Concert Band.

**This class will meet during High School Advisory M, T, W, F.**

## **Concert Band**

**Teacher: Kevin Sippel**

**Credit: 1.0 (year)**

**Prerequisites:** *Audition or Teacher approval required. The student must have a band instrument and a *Band Method book*.*

**Fee:** Workbook, music, SMARTMUSIC, concert attire.

Students in Concert Band continue to develop technical skills and ability to read more difficult music beyond the middle school level. Concert band students play a varied repertoire of literature and perform in public regularly. Concert Band students are expected to participate in pep band and competitions and band tour. Each year Concert Band students are expected to demonstrate improvement in technique and understanding of the music concepts emphasized through the year.

**Concert Band students are expected to participate for the entire year. Participation in fundraising activities is expected.**

## **Concert Choir**

**Teacher: Daniel Burnett**

**Credit: 1.0**

**Prerequisite:** *Audition*

Concert Choir is available to students in grades 9 – 12 by audition only. Members of the Concert Choir will have the opportunity to review the fundamentals of singing and progress to an advanced level of singing in a choir. Several opportunities for performance throughout the year enable each student to demonstrate their acquired knowledge and share in the privilege of presenting their gifts of praise to the Lord. Auditions are held through the first week of school in September. Over the last three decades Portland Christian High School has consistently produced award-winning choirs.

**Students are expected to participate both Fall and Spring semesters.**

## **Ensemble**

**Teacher: Daniel Burnett**

**Credit: 1.0**

**Prerequisite:** *Chosen from Concert Choir members*

The Portland Christian High School Ensemble is composed of eight men and eight women chosen from the Concert Choir. The expectations for this singing group are the most rigorous of all performing groups at Portland Christian. While participating in the regular performing season of the Concert Choir, the Ensemble is generally scheduled to perform at additional concerts throughout the year.

**Students are expected to participate both Fall and Spring semesters.**

# **ENGLISH DEPARTMENT**

## **Journalism**

**Teacher: TBA**

**Credit: 1.0**

**Prerequisite:** *None*

This elective course will concentrate on the elements of journalistic writing, rather than creative or academic writing. Students will learn and apply the elements of composition as they apply to newspaper and magazine writing in the publication of a school newspaper.

## FOREIGN LANGUAGES

Though students are required to complete Level 2 for graduation, they are encouraged to take more as electives.

*REMINDER:* Level 3 is required to be completed for the Scholars Diploma. Also, three or more years of the same language are now required or preferred by many colleges for entrance.

### **Spanish Level 3**

**Prerequisite:** *Levels 1 & 2*

**Teacher:** Brad Riegg

**Credit:** 1.0

In this course, study will continue to build written, listening, reading and oral skills upon the previous skills. Students will learn or review about 1500 vocabulary words and phrases and speak primarily in Spanish in the classroom. They will further understand how a Christian worldview pertains to foreign languages and the importance of foreign languages in God's kingdom and in daily life.

### **APEX Advanced Placement Spanish**

**Prerequisite:** *Level 3; Teacher recommendation*

**Fee:** \$65

**Teacher:** Sofia Calderon

**Credit:** 1.0

This is an internet-based interactive program that is designed to prepare students in advanced oral and written skills in preparation for the national Advanced Placement (AP) test in May. Students may earn college credit and/or advanced college placement upon receiving satisfactory scores on the AP test (subject to individual university policy).

This is primarily an independent-study course, under the supervision of a foreign language instructor.

### **APEX Advanced Placement French**

**Prerequisite:** *APEX French 1 & 2; Teacher recommendation*

**Fee:** \$65

**Teacher:** Sofia Calderon

**Credit:** 1.0

This is an internet-based interactive program that is designed to prepare students in advanced oral and written skills in preparation for the national Advanced Placement (AP) test in May. Students may earn college credit and/or advanced college placement upon receiving satisfactory scores on the AP test (subject to individual university policy).

This is primarily an independent-study course, under the supervision of a foreign language instructor.

## PHYSICAL EDUCATION

**NOTE: No more than one (1.0) credit of P.E. elective allowed per school year.**

### **Weight Training**

**Prerequisite:** *None*

**Teacher: Rob Striffler**

**Credit: 0.5 minimum**

This course is open to all students, grades 9 – 12, but is designed primarily for athletes. Each student is taught the principles of elementary weight lifting. They are instructed how to correctly perform a minimum of 12 lifts to build strength as well as to develop character.

This is designed to be a year-long course, though students may elect to take it for one semester.

*Note:* Freshmen will not be allowed to be in Weight Training on the same A/B day as Freshman P.E.

### **Recreation & Fitness**

**Prerequisite:** *None*

**Teacher: Brad Riegg**

**Credit: 0.5**

This course is designed to develop physical skills while improving overall fitness. It will acquaint the students with the basic skills and rules of many team, individual, and life-time sports, as well as present a Christian perspective on sportsmanship and physical education.

*Note:* Freshman will not be allowed to be in this class on the same A/B day as Freshman P.E.

### **Competitive Team Sports**

**Prerequisite:** *None*

**Teacher: TBA**

**Credit: 0.5**

This course is designed for the competitive student. *Competitive Team Sports* will engage students in rigorous athletic activities and competitions. Students will be expected to compete in seasonal team sports that may include flag football, soccer, ultimate Frisbee, basketball, lacrosse, and softball. Students must be familiar with rules of each game and they should have mastered fundamental skills and strategies of those identified sports. Students will also participate in a general fitness, strength training and stretching regiment.

## SCIENCE

**NOTE:** Biology is the only science course required of all students. To complete the graduation requirement of 3 science classes, students may choose from the following classes. **Students are also required to choose classes from at least 2 different branches of science (biological, chemical and/or physical)**

### **Anatomy**

**Prerequisite:** *Biology (Grade C or better)*

**Teacher: Kim Newman**

**Credit: 1.0**

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This non-math based course will introduce students to the study of the human body while focusing on the structures and functions of tissues, organs, and systems. Engaging topics will be explored such as: DNA fingerprinting, stem cell research, tattoos, anabolic steroids and obesity. Rigorous laboratory activities and dissections of mammalian organisms will be a required component of this course.

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**Chemistry****Prerequisite:** *B- or better in Alg 2 or demonstrated mathematical ability***Teacher: Kena Jacobs****Credit: 1.0**

Chemistry is central to all of the sciences. The course requires a great deal of memorization and an excellent grasp of mathematics, especially the manipulation of algebraic equations and the interpretation of word problems. Chemistry is the science that tries to understand the properties of substances and the changes that substances undergo. It addresses appropriate use of the scientific method to gather data and legitimate use and interpretation of the resulting statistics.

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**Conceptual Physics****Prerequisite:** *Biology***Teacher: Hannah Cutts****Credit: 1.0**

The course will guide students in making connections between the concepts of physics and the real world. Topics that will be studied are: Mechanics, properties of matter, heat, sound and light, electricity and magnetism, and atomic and nuclear physics. “Conceptual” refers to “concepts before computation,” and so gives all students the opportunity to explore physics without the rigors of math.

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**Physics****Prerequisite:** *Algebra 2 or teacher approval***Teacher: Hannah Cutts****Credit: 1.0**

Physics is the study of the relationship between matter and energy. Energy drives all systems in the universe from a simple bouncing ball to the complex dynamics in the structure of an atom. The study of the laws of physics is not only a conceptual pursuit, but also intensely mathematical because the language of physics is mathematics. God has revealed part of His nature to us in the orderly, complex, and beautiful universe He created. We can enjoy all He has made, and study it with wonder and humility.

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**Advanced Placement Biology****Prerequisite:** *Biology (A- or better) and Chemistry (B- or better) or teacher approval***Teacher: Kim Newman****Credit: 1.0**

AP Biology is a course designed to give students an opportunity to earn college credit while still attending high school. The class consists of studies in each of the major fields of biology that are taught in a college first year biology course. At the conclusion of the class students take an exam to determine their qualification to receive college credit. Regardless of the exam results, students who complete the course will be well prepared for college courses in biology

## SOCIAL STUDIES ELECTIVES

### **Introduction to Philosophy**

**Prerequisite:** *Open to 10<sup>th</sup>-12<sup>th</sup> grades*

**Teacher:** TBA

**Credit:** 0.5

This course is an introduction to the foundational ideas and philosophers of Western Civilization. Beginning with ancient Greek thought and continuing through the modern era, students will explore important thinkers and their ideas. There will be a heavy emphasis on critical thought and analysis.

### **Psychology**

**Prerequisite:** *Open to 10<sup>th</sup>-12<sup>th</sup> grades*

**Teacher:** Tamara Anderson

**Credit:** 0.5

This class will increase your knowledge of how the brain works. It will give the student an understanding of both behavioral and abnormal psychology and also include interesting labs using your classmates as the subject matter in some cases. We will not be watching Psycho, even though the class is definitely named after that movie, but we will be seeing some interesting things throughout the class.

## OTHER OFFERINGS

### **Teacher Assistance/Office Aide**

**Credit:** 0.5 or 1.0

**Prerequisite:** *11<sup>th</sup> – 12<sup>th</sup> Grade, teacher approval  
10<sup>th</sup> grade by administrative approval only*

Students work with teachers or in an office setting assisting with daily operations.

### **Cadet Teaching**

**Credit:** 0.5 or 1.0

**Prerequisite:** *Senior (interested in the field of education)*

A cadet-teaching program is designed to give students who are considering teaching as a profession the opportunity to explore the field before attending college. By actually working in the classroom at the Market Street elementary campuses (or other campuses by administrative approval only), these students learn the demands placed upon the teacher and discover whether or not they have the necessary personal qualifications for teaching.

Transportation to and from their Cadet Teaching campus is up to the student and their parents.

### **Work Experience**

**Credit:** 0.5 or 1.0

**Prerequisite:** *Senior with job, 2.5 GPA or better (or administrative approval)*

One half credit is given per term for students employed in a part-time paid position for an average minimum of 10 hours a week. Students must have a signed work experience training agreement on file and report their hours each month. A summary of their experience is also required.

# ***ELECTIVE CHOICES***

**Complete information on these electives (including course descriptions, prerequisites, etc.) can be found on the Portland Christian web site under “Jr./Senior High School.”**

## **ADVANCED PLACEMENT**

AP Biology (1.0 credit)  
Calculus (1.0)  
AP English (1.0)  
AP Spanish Language (1.0)  
AP U.S. Government and Politics (1.0)  
AP U.S. History (1.0)

## **BIBLE**

Apologetics – Questions of the Faith (0.5 credit)

## **\*\*COMPUTER and BUSINESS**

Web Design (0.5)  
Computer Graphics (0.5)

## **\*\*CREATIVE and APPLIES ARTS**

Art 1 (0.5 credit)  
Mixed-Media Art (0.5)  
Advanced Art – Drawing and Painting (0.5)  
Advanced Art – Ceramics and Sculpture (0.5)  
Introduction to Art History (0.5 or 1.0)  
Chess Strategies (0.5 – 1.0)  
Advanced Chess (0.5 – 1.0)  
Home Management – Cooking/Life Skills (0.5)  
Home Management – Sewing/Child Development (0.5)  
Quilting (0.5)  
Wood Shop (0.5)  
Yearbook Staff (0.5)

## **\*\*MUSIC**

Guitar Level 1 and 2 (0.5 credit)  
Concert Band (1.0)  
Concert Choir (1.0)  
Ensemble (vocal) (1.0)

**\*\* NOTE: Electives in these departments meet the “Creative/Fine/Applied Art” graduation requirement**

## **\*\*ENGLISH**

Journalism (0.5 – 1.0 credit)

## **PHYSICAL EDUCATION**

Competitive Team Sports (0.5 – 1.0 credit)  
Recreation & Fitness (0.5 – 1.0)  
Weight Training (0.5 – 1.0)

## **SOCIAL STUDIES**

Introduction of Philosophy (0.5 credit)  
Psychology (0.5)

## **OTHER OFFERINGS**

Teacher/Office Aide (0.5 – 1.0 credit)  
Cadet Teaching (0.5 – 1.0)  
Work Experience (0.5 – 1.0)

# CREDIT CHECK

Name \_\_\_\_\_

Date \_\_\_\_\_

<i>Scholar</i>	<i>Standard</i>		<i>9th</i>	<i>10th</i>	<i>11<sup>th</sup></i>	<i>12th</i>	<i>Complete (x)</i>
4	4	Bible	Bible – 9	Bible - 10	Bible - 11	Bible -12	
0.5	0.5	Career Ed.					
0.5 – 0.5	0.5 – 0.5	Keyboard/Computers					
3	2	Creative/Fine Art					
4	4	English	English – 9	English - 10	English - 11	English - 12 or AP	
3	2	Foreign Language					
1	1	Health	Health				
3	3	Math – through Alg. 2					
1	1	Physical Education	P.E.				
4	3	Science	Biology				
4	4	Social Studies: World History Contemp. Culture U. S. History Gov't/Econ	World History	Cont. Culture	U.S. History (Reg/AP)	Gov't/Econ or AP Gov	
0.25	0.25	Senior Thesis				Thesis	
2	4	Electives					
<b>TOTAL 30.75</b>	<b>TOTAL 29.75</b>						

