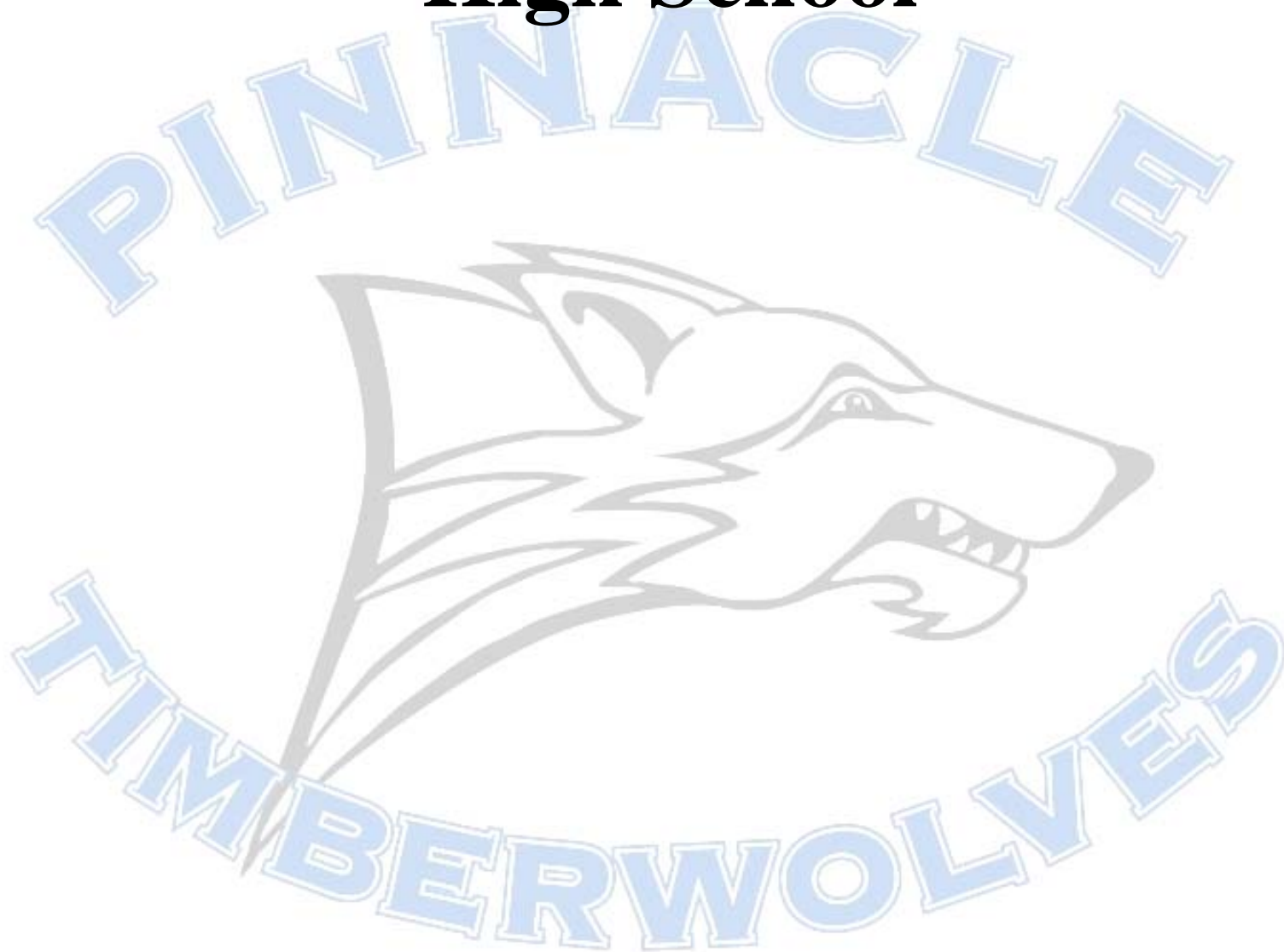


The Pinnacle Charter High School



2016-2017 Course Catalog

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GRADUATION REQUIREMENTS – Class of 2016-2019

<u>Required Credits</u>		<u>Required Courses</u>	
English	4.0 credits	Algebra I	Biology
Mathematics	4.0 credits	2.0 Credits in 1 World Language	Science Lab Classes 2.0 Credits
Science (lab)	3.0 credit	American History	Life Science 1.0 Credit
Social Studies	3.0 credits	Government/Economics	
Physical Education	2.0 credits	Health	
Electives (3 academic)	6.0 credits		
Total	24.0 credits		
Freshman must be enrolled in seven (7) courses per semester. Sophomores must be enrolled in seven (7) courses per semester.		Juniors must be enrolled in six (6) courses per semester.* Seniors must be enrolled in five (5) courses per semester.* *Must meet off period eligibility requirements.	

- **30 hours of Community Service** – Students must earn a total of 30 hours of Community Service to meet graduation requirements

(Regulations, requirements, forms, and ideas are available in the Counseling Office).

GRADUATION REQUIREMENTS – Class of 2020-Beyond

<u>Required Credits</u>		<u>Required Courses</u>	
English	4.0 credits	Algebra I	Biology
Mathematics	4.0 credits	Geometry	Chemistry
Science (lab)	3.0 credit	Algebra II	Science Lab Classes 2.0 Credits
Social Studies	3.0 credits	2.0 Credits in 1 World Language	American History
Physical Education	2.0 credits		Government/Economics
Electives (3 academic)	6.0 credits		
Total	24.0 credits		
Freshman must be enrolled in seven (7) courses per semester. Sophomores must be enrolled in seven (7) courses per semester.		Juniors must be enrolled in six (6) courses per semester.* Seniors must be enrolled in five (5) courses per semester.* *Must meet off period eligibility requirements.	

- **30 hours of Community Service** – Students must earn a total of 30 hours of Community Service to meet graduation requirements
- **Select one of the criteria from the demonstrations of college and career readiness options.**

(Requirements, forms, and ideas are available in the Counseling Office)

DEMONSTRATIONS of COLLEGE and CAREER READINESS OPTIONS

Students must demonstrate college or career readiness in English and math based on at least one measure.

ACCUPLACER	
English	Math
62 on Reading Comprehension	61 on Elementary Algebra
ACCUPLACER is a computerized test that assesses reading, writing, math and computer skills. The results of the assessment, in conjunction with a student's academic background, goals and interests, are used by academic advisors and counselors to place students in a college courses that match their skill levels.	

Pinnacle Capstone Project	
English	Math
Completion of Senior Capstone Seminar	Completion of Algebra, Geometry and one other mathematics class
The Senior Capstone Seminar is a year-long project in our English Department to establish superior knowledge in the 9-12 English standards.	

ACT	
English	Math
18 on ACT English	19 on ACT Math
ACT is a national college admissions exam. It measures four subjects - English, reading, math and science. The highest possible score for each subject is 36.	

SAT	
English	Math
430	460
The SAT is a college entrance exam that is accepted or required at nearly all four-year colleges and universities in the U.S. The current SAT includes sections on reading, writing and math. The highest possible score for each section is 800.	

Concurrent Enrollment	
English	Math
Passing grade per district and higher education policy	Passing grade per district and higher education policy
Concurrent enrollment provides students the opportunity to enroll in postsecondary courses, simultaneously earning high school and college credit. School districts and institutions of higher education each determine passing grades for credit. A passing grade is determined by district and higher education policy for concurrent enrollment. An eligible concurrent enrollment course is 1) the pre-requisite directly prior to a credit-bearing course or 2) a credit-bearing course.	

ASVAB	
English	Math
31	31
The Armed Services Vocational Aptitude Battery (ASVAB) is a comprehensive test that helps determine students' eligibility and suitability for careers in the military. Students who score at least 31 are eligible for service (along with other standards that include physical condition and personal conduct). Students who take the ASVAB are not required to enlist in the military.	

The Pinnacle Charter High School graduation requirements align with the postsecondary and workforce readiness definition and description adopted by the State Board of Education and the Colorado Commission on Higher Education in 2009. This description is at <http://www.cde.state.co.us/cdegen/downloads/PWRdescription.pdf>.

The Pinnacle Charter High School graduation requirements align with the Colorado Academic Standards, Colorado English Language Proficiency Standards, and the Colorado Career and Technical education standards. The standards can found at <http://www.cde.state.co.us/StandardsAndInstruction/ColoradoStandards.asp> , <http://www.cde.state.co.us/CoEngLangProf/StateStandards.asp> , and at <http://www.cde.state.co.us/contentareas/CareerandTechnicalEd.asp>.

SAMPLE ADMISSION CRITERIA for COLLEGE ENTRANCE

Students planning for post-secondary education after graduation from high school should keep in mind the five major factors upon which college admission is based:

1. Quality of courses of study while in high school.
2. Cumulative GPA and class rank.
3. All students must pass the Accuplacer assessment (or have qualifying 11th grade English grades and a qualifying GPA), pass the Spanish placement test (if taking Spanish Language III/IV), and have approval from their counselor.
4. Extracurricular activities.

Admission requirements to colleges and universities vary greatly. Students can find information about colleges in the high school counseling center. To determine the requirements for a specific college, students will need to contact the college directly.

CONCURRENT ENROLLMENT

Front Range Community College

Prerequisite: All students must pass the Accuplacer assessment and have prior approval of their counselor. A signed contract by the student, parents, and counselor is required.

What is Concurrent Enrollment?

Students attend a class that will count for both college and high school credit. Students can enroll in a variety of classes on the FRCC campus or students can enroll in English Composition I/II or Spanish Language III/IV on The Pinnacle campus.

Who can participate?

Students who complete the pre-application forms, receive a qualifying Accuplacer score, teacher recommendation, who apply and are accepted to FRCC, apply for the COF stipend, and complete the PHS/FRCC concurrent enrollment application.

Where are the college courses offered?

Students may have the opportunity to take classes offered at the high school site, such as English Composition I/II and Spanish Language III/IV. Students may also have the opportunity to attend classes at the Front Range Community College Westminster Campus. The student will be responsible for his/her own transportation to any classes on the FRCC campus.

What costs are incurred?

Students are responsible for transportation and all costs associated with transportation. Students are responsible for all fees associated with the cost of the class. PCHS will pay for the tuition of the class; however, students receiving a "D" or an "F" will be responsible for reimbursing the tuition back to PCHS.

ADVANCED PLACEMENT COURSES

The Advanced Placement Program is an option for academically prepared students to pursue college-level studies — with the opportunity to earn college credit with qualifying AP exam scores. AP Exams are given each year in May and a score of 3 or higher on an AP Exam can typically earn students college credit and/or placement into advanced courses in college. Each individual college/university, not the high school, College Board, or the AP Program, awards course credit and class placement based on the score(s).

Students who take AP courses send a signal to colleges that they're serious about their education and that they're willing to challenge themselves with rigorous course work. Eighty-five percent of selective colleges and universities report that a student's AP experience favorably impacts admission decisions.

The Pinnacle Charter High School Registration Guide

This is only a guide to aid in 4 year course planning. Discuss course options with your Pinnacle High School Guidance Counselor to develop an individually tailored graduation plan.

This course handbook will provide you with an invaluable resource about school academic policy, planning material, and course details that all students should know if they wish to take advantage of everything that The Pinnacle Charter High School offers. Counselors are always available in the counselor's office to aid students and answer any questions.

Basic Four Year Course Pathway Plan

Freshman Year	Semester 1	Semester 2	Cumulative Credits
American History	0.5	0.5	1
Biology	0.5	0.5	1
9th Grade English	0.5	0.5	1
Algebra I	0.5	0.5	1
World Language I	0.5	0.5	1
Health	0.5	0.5	1
Elective	0.5	0.5	1
Total end of year graduation credits			7

Sophomore Year	Semester 1	Semester 2	Cumulative Credits
World Geography	0.5	0.5	1
Chemistry	0.5	0.5	1
10th Grade English	0.5	0.5	1
Geometry	0.5	0.5	1
World Language II	0.5	0.5	1
Elective	0.5	0.5	1
Elective	0.5	0.5	1
Total end of year graduation credits			14

Junior Year	Semester 1	Semester 2	Cumulative Credits
Government & Economics	0.5	0.5	1
Environmental Science	0.5	0.5	1
Writing Across the Genres	0.5	0.5	1
Algebra II	0.5	0.5	1
Elective	0.5	0.5	1
Elective	0.5	0.5	1
Elective	0.5	0.5	1.0/0
Total end of year graduation credits			20-21

Senior Year	Semester 1	Semester 2	Cumulative Credits
Elective	0.5	0.5	1
Elective	0.5	0.5	1
Capstone English	0.5	0.5	1
Statistics or Pre-Calculus	0.5	0.5	1
Elective	0.5	0.5	1
Elective	.5/0	.5/0	1.0/0
Elective	.5/0	.5/0	1.0/0
Total end of year graduation credits			24-28

Career & College Ready Demonstrations Menu of Options: ACT, SAT, or Capstone Project

AP/College Prep Course Pathway Plan

Four Year College Bound: Math, Science, Technology, A/V Technology, Communication/Law/Government and Public Administration/Management and Administration/Marketing/Hospitality and Tourism/Human Services/Education and Training Information Technology/Health & Science/Finance

Freshman Year	Semester 1	Semester 2	Cumulative Credits
American History Honors	0.5	0.5	1
Biology	0.5	0.5	1
9 th Grade English Honors	0.5	0.5	1
Geometry Honors	0.5	0.5	1
World Language I	0.5	0.5	1
Health	0.5	0.5	1
Elective	0.5	0.5	1
Total end of year graduation credits			7

Sophomore Year	Semester 1	Semester 2	Cumulative Credits
World Geography Honors	0.5	0.5	1
AP Biology	0.5	0.5	1
10 th Grade English Honors	0.5	0.5	1
Algebra II Honors	0.5	0.5	1
World Language II	0.5	0.5	1
Elective	0.5	0.5	1
Elective	0.5	0.5	1
Total end of year graduation credits			14

Junior Year	Semester 1	Semester 2	Cumulative Credits
Government & Economics	0.5	0.5	1
AP Biology	0.5	0.5	1
Writing Across the Genres Honors	0.5	0.5	1
Pre-Calculus/Trigonometry Honors	0.5	0.5	1
AP World History	0.5	0.5	1
Elective	0.5	0.5	1
Elective	0.5	0.5	1.0/0
Total end of year graduation credits			20-21

Senior Year	Semester 1	Semester 2	Cumulative Credits
Elective	0.5	0.5	1
Science Elective	0.5	0.5	1
English Composition I & English Composition II	0.5	0.5	1
Elective	0.5	0.5	1
AP Calculus AB	0.5	0.5	1
AP Microeconomics	.5/0	.5/0	1.0/0
Elective	.5/0	.5/0	1.0/0
Total end of year graduation credits			24-28

Career & College Ready Demonstrations Menu of Options: ACT, SAT, or Concurrent Course

Art Course Pathway Plan

Community/Junior College, Workforce/Arts & Humanities: Architecture & Construction, Logistics/Agriculture, Food & Natural/Resources/Finance/Arts/Govt. & Public Administration/Management & Administration/Marketing/Hospitality & Tourism/Human Services/Education & Training

Freshman Year	Semester 1	Semester 2	Cumulative Credits
American History	0.5	0.5	1
Biology	0.5	0.5	1
9 th Grade English	0.5	0.5	1
Algebra I	0.5	0.5	1
World Language I	0.5	0.5	1
Health	0.5	0.5	1
Drawing	0.5	0.5	1
Total end of year graduation credits			7

Sophomore Year	Semester 1	Semester 2	Cumulative Credits
World Geography	0.5	0.5	1
Chemistry	0.5	0.5	1
10 th Grade English	0.5	0.5	1
Geometry	0.5	0.5	1
World Language II	0.5	0.5	1
Elective	0.5	0.5	1
Painting	0.5	0.5	1
Total end of year graduation credits			14

Junior Year	Semester 1	Semester 2	Cumulative Credits
Government & Economics	0.5	0.5	1
Environmental Science	0.5	0.5	1
Writing Across the Genres	0.5	0.5	1
Algebra II	0.5	0.5	1
Ceramics I	0.5	0.5	1
Studio Art and Culture	0.5	0.5	1
Elective	0.5	0.5	1.0/0
Total end of year graduation credits			20-21

Senior Year	Semester 1	Semester 2	Cumulative Credits
Elective	0.5	0.5	1
Elective	0.5	0.5	1
Capstone English	0.5	0.5	1
Statistics or Pre-Calculus Trig	0.5	0.5	1
Ceramics II	0.5	0.5	1
Advanced Art	.5/0	.5/0	1.0/0
Elective	.5/0	.5/0	1.0/0
Total end of year graduation credits			24-28

Career & College Ready Demonstrations Menu of Options: ACT, SAT, or Capstone Project

Science and Technology Course Pathway Plan

Four Year College Bound/Math, Science, Technology: Architecture & Construction/Manufacturing, Transportation, Distribution, Logistics/Agriculture, Food, & Natural Resources/Energy /Information Technology/Health & Science/Finance

Freshman Year	Semester 1	Semester 2	Cumulative Credit
American History	0.5	0.5	1
Biology	0.5	0.5	1
9th Grade English	0.5	0.5	1
Algebra I Honors	0.5	0.5	1
World Language I	0.5	0.5	1
Health	0.5	0.5	1
Computer Applications	0.5	0.5	1
Total end of year graduation credits			7

Sophomore Year	Semester 1	Semester 2	Cumulative Credits
World Geography	0.5	0.5	1
Chemistry	0.5	0.5	1
10th Grade English	0.5	0.5	1
Geometry Honors	0.5	0.5	1
World Language II	0.5	0.5	1
Elective	0.5	0.5	1
Introduction Video Programing	0.5	0.5	1
Total end of year graduation credits			14

Junior Year	Semester 1	Semester 2	Cumulative Credits
Government & Economics	0.5	0.5	1
AP Biology	0.5	0.5	1
Writing Across the Genres	0.5	0.5	1
Algebra II Honors	0.5	0.5	1
Science Elective	0.5	0.5	1
Intro to Java Programing	0.5	0.5	1
Elective	0.5	0.5	1.0/0
Total end of year graduation credits			20-21

Senior Year	Semester 1	Semester 2	Cumulative Credits
Elective	0.5	0.5	1
Science Elective	0.5	0.5	1
Capstone English	0.5	0.5	1
Statistics or Pre-Calculus Trig	0.5	0.5	1
Elective	0.5	0.5	1
Elective	.5/0	.5/0	1.0/0
Elective	.5/0	.5/0	1.0/0
Total end of year graduation credits			24-28

Career & College Ready Demonstrations Menu of Options: ACT, SAT or Concurrent English Class

Humanities Course Pathway Plan

Four Year College Bound/Arts & Humanities: A/V Technology, Communication/Law, Public Safety, Corrections/Government and Public Administration/Management and Administration/Marketing/Hospitality and Tourism/Human Services/Education and Training

Freshman Year	Semester 1	Semester 2	Cumulative Credits
American History Honors	0.5	0.5	1
Biology	0.5	0.5	1
9th Grade English	0.5	0.5	1
Algebra I	0.5	0.5	1
World Language I	0.5	0.5	1
Health	0.5	0.5	1
Elective	0.5	0.5	1
Total end of year graduation credits			7

Sophomore Year	Semester 1	Semester 2	Cumulative Credits
World Geography Honors	0.5	0.5	1
Chemistry	0.5	0.5	1
10th Grade English	0.5	0.5	1
Geometry	0.5	0.5	1
World Language II	0.5	0.5	1
Elective	0.5	0.5	1
Social Science Elective	0.5	0.5	1
Total end of year graduation credits			14

Junior Year	Semester 1	Semester 2	Cumulative Credits
Government & Economics	0.5	0.5	1
Environmental Science	0.5	0.5	1
Writing Across the Genres	0.5	0.5	1
Algebra II	0.5	0.5	1
Social Science Elective	0.5	0.5	1
AP World History	0.5	0.5	1
Elective	0.5	0.5	1.0/0
Total end of year graduation credits			20-21

Senior Year	Semester 1	Semester 2	Cumulative Credits
Elective	0.5	0.5	1
Elective	0.5	0.5	1
Capstone English	0.5	0.5	1
Statistics or Pre-Calculus Trigonometry	0.5	0.5	1
AP Microeconomics	0.5	0.5	1
Elective	.5/0	.5/0	1.0/0
Elective	.5/0	.5/0	1.0/0
Total end of year graduation credits			24-28

Career & College Ready Demonstrations Menu of Options: ACT, SAT, or Capstone Project

INDIVIDUAL STUDENT FOUR YEAR PLAN

This four year plan is for an individual student to create. It is a living plan, which changes with the interests and needs of the student. Students should plan their classes according to prerequisites and interest. Keep in mind that the plan can and will change over the years. This is an aid to help students visualize their four years in high school. Take a look at the possible pathways for each subject area. (example pathways are located under each subject heading).

Semester 1

Freshman	Sophomore	Junior	Senior
1.	1.	1.	1.
2.	2.	2.	2.
3.	3.	3.	3.
4.	4.	4.	4.
5.	5.	5.	5.
6.	6.	6.	6.
7.	7.	7.	7.

Semester 2

Freshman	Sophomore	Junior	Senior
1.	1.	1.	1.
2.	2.	2.	2.
3.	3.	3.	3.
4.	4.	4.	4.
5.	5.	5.	5.
6.	6.	6.	6.
7.	7.	7.	7.

The Pinnacle Charter High School Course Numbering System

English courses=3000

Social Science courses=6000

Technology courses=1000

Math courses=4000

Foreign Language courses=7000

Physical Education courses=2000

Science courses=5000

Art courses=8000

Miscellaneous courses=9000

ENGLISH

- ☐ PCHS3060 Literacy
- ☐ PCHS3070 English Intervention
- ☐ PCHS3080 English Language Development I
- ☐ PCHS3090 English Language Development II
- ☐ PCHS3100 9th Grade English
- ☐ PCHS3190 9th Grade English Honors
- ☐ PCHS3200 10th Grade English
- ☐ PCHS3290 10th Grade English Honors
- ☐ PCHS3300 Writing Across the Genres
- ☐ PCHS3390 Writing Across the Genres Honors
- ☐ PCHS3400 Capstone English
- ☐ PCHS3490 Capstone English Honors
- ☐ PCHS3500A English Composition I
- ☐ PCHS3500B English Composition II

SOCIAL SCIENCES

- ☐ PCHS6000 American History
- ☐ PCHS6090 American History Honors
- ☐ PCHS6100 World Geography
- ☐ PCHS6190 World Geography Honors
- ☐ PCHS6200 Government & Economics
- ☐ PCHS 6300 World Cultures
- ☐ PCHS6400 Psychology
- ☐ PCHS6500 Philosophy
- ☐ PCHS6600 AP World History
- ☐ PCHS6700 AP Microeconomics

SCIENCE

- ☐ PCHS5000 Biology
- ☐ PCHS5100 Chemistry
- ☐ PCHS5200 Environmental Science
- ☐ PCHS5300 Physics
- ☐ PCHS5400 Anatomy
- ☐ PCHS5500 AP Biology

MATH

- ☐ PCHS4080 Math Intervention
- ☐ PCHS4100 Algebra I
- ☐ PCHS4190 Algebra I Honors
- ☐ PCHS4200 Geometry
- ☐ PCHS4290 Geometry Honors
- ☐ PCHS4300 Algebra II
- ☐ PCHS4390 Algebra II Honors
- ☐ PCHS4400 Pre-Calculus/Trigonometry
- ☐ PCHS4490 Pre-Calculus/Trigonometry Honors
- ☐ PCHS4500 Statistics
- ☐ PCHS4600 AP Calculus AB

FOREIGN LANGUAGE

- ☐ PCHS7000 French I
- ☐ PCHS7080 French II
- ☐ PCHS7090 French III & IV
- ☐ PCHS7100 Spanish I
- ☐ PCHS7180 Spanish II
- ☐ PCHS7190 Spanish III
- ☐ PCHS7300A Spanish Language III
- ☐ PCHS7300B Spanish Language IV
- ☐ PCHS7200 Spanish for Native Speakers I
- ☐ PCHS7290 Spanish for Native Speakers II

ARTS

- ☐ PCHS8000 Drawing
- ☐ PCHS8100 Painting
- ☐ PCHS8200 Ceramics I
- ☐ PCHS8290 Ceramics II
- ☐ PCHS8300 Studio Art and Culture
- ☐ PCHS8400 Advanced Art
- ☐ PCHS8500 Guitar I
- ☐ PCHS8600 Band
- ☐ PCHS8700 Voice Class
- ☐ PCHS8800 Choir

PHYSICAL EDUCATION

- ☐ PCHS2000 Health
- ☐ PCHS2100 General PE
- ☐ PCHS2200 Lifetime Activities
- ☐ PCHS2400 Fitness and Conditioning
- ☐ PCHS2410 Weight Training for Athletes
- ☐ PCHS2500 Varsity Athletics

TECHNOLOGY

- ☐ PCHS1000 Computer Applications I
- ☐ PCHS1000 Computer Applications II
- ☐ PCHS1100 Video Production
- ☐ PCHS1200 Introduction to Java Programing

MISCELLANEOUS

- ☐ PCHS9500 Student Aide
- ☐ PCHS9610-PCHS9720 Off Hours
- ☐ PCHS9700 Advisory
- ☐ PCHS9800 Academic and Career Readiness

COURSES

LANGUAGE ARTS

Language Arts 4 Credits	Freshman	Sophomore	Junior	Senior
Standard	9th Grade English	10th Grade English	Writing Across the Genres	Capstone English or Composition 1/II
College Prep	9th Grade English Honors	10th Grade English Honors	Writing Across the Genres Honors	Capstone English or Composition 1/II

Course: PCHS3060A Literacy

Grade Level(s): 9-11

Prerequisites: Student Services Recommendation

Course Credit: 0.5

Course Description:

Literacy classes are designed to assist students in discovering themselves as learners, recognizing their potentials, and setting attainable goals for their academic futures and beyond. The emphasis is fostering student growth for a variety of reading and writing skills necessary to succeed in grade level classes. This course is designed to assist students in acquiring the skills necessary to pass proficiency examinations.

Course: PCHS3060B Literacy

Grade Level(s): 9-11

Prerequisites: Student Services Recommendation

Course Credit: 0.5

Course Description:

Literacy classes are designed to assist students in discovering themselves as learners, recognizing their potentials, and setting attainable goals for their academic futures and beyond. The emphasis is fostering student growth for a variety of reading and writing skills necessary to succeed in grade level classes. This course is designed to assist students in acquiring the skills necessary to pass proficiency examinations.

Course: PCHS3070A English Intervention

Grade Level(s): 9-10

Prerequisites: Students who have demonstrated below proficient understanding of Reading concepts on State, Interim tests and teacher recommendation.

Course Credit: 0.5

Course Description:

English Intervention courses provide instruction in basic language skills, integrating reading, and writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

Course: PCHS3070B English Intervention

Grade Level(s): 9-10

Prerequisites: Students who have demonstrated below proficient understanding of Reading concepts on State, Interim tests and teacher recommendation.

Course Credit: 0.5

Course Description:

English Intervention courses provide instruction in basic language skills, integrating reading, and writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

Course: PCHS3080A English Language Development I

Grade Level(s): 9-10

Prerequisites: Student Services recommendation from the English Language Development Department.

Course Credit: 0.5

Course Description:

English language Development courses are designed for the rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to "regular" English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

Course: PCHS3080B English Language Development I

Grade Level(s): 9-10

Prerequisites: Student Services recommendation from the English Language Development Department.

Course Credit: 0.5

Course Description:

English language Development courses are designed for the rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to "regular" English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

Course: PCHS3090A English Language Development II

Grade Level(s): 10-12

Prerequisites: Student Services recommendation from the English Language Development Department.

Course Credit: 0.5

Course Description:

English Language Development courses are designed for the rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to "regular" English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

Course: PCHS3090B English Language Development II

Grade Level(s): 10-12

Prerequisites: Student Services recommendation from the English Language Development Department.

Course Credit: 0.5

Course Description:

English Language Development courses are designed for the rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to “regular” English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

Course: PCHS3100A 9th Grade English

Suggested Grade Level(s): 9th

Prerequisites: none

Course Credit: 0.5

Course Description:

9th Grade English builds upon students’ prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. This courses introduces and defines various genres of literature, with writing exercises often linked to reading selections.

Course: PCHS3100B 9th Grade English

Suggested Grade Level(s): 9th

Prerequisites: none

Course Credit: 0.5

Course Description:

9th Grade English builds upon students’ prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. This courses introduces and defines various genres of literature, with writing exercises often linked to reading selections.

Course: PCHS3190A 9th Grade English Honors

Suggested Grade Level(s): 9th

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

9th Grade English Honors builds upon students’ prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. This courses introduces and defines various genres of literature, with writing exercises often linked to reading selections at an advanced level.

Course: PCHS3190B 9th Grade English Honors

Suggested Grade Level(s): 9th

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

9th Grade English Honors builds upon students’ prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. This courses introduces and defines various genres of literature, with writing exercises often linked to reading selections at an advanced level.

Course: PCHS3200A 10th Grade English

Suggested Grade Level(s): 10th

Prerequisites: Passing 9th grade English with a “D” or higher

Course Credit: 0.5

Course Description:

10th Grade English offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author’s intent and theme and to recognize the techniques used by the author to deliver his or her message.

Course: PCHS3200B 10th Grade English

Suggested Grade Level(s): 10th

Prerequisites: Passing 9th grade English with a “D” or higher

Course Credit: 0.5

Course Description:

10th Grade English offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author’s intent and theme and to recognize the techniques used by the author to deliver his or her message.

Course: PCHS3290A 10th Grade English Honors

Suggested Grade Level(s): 10th

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

10th Grade English offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author’s intent and theme and to recognize the techniques used by the author to deliver his or her message at an advanced level.

Course: PCHS3290B 10th Grade English Honors

Suggested Grade Level(s): 10th

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

10th Grade English offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author’s intent and theme and to recognize the techniques used by the author to deliver his or her message at an advanced level.

Course: PCHS3300A Writing Across the Genres

Suggested Grade Level(s): 11th

Prerequisites: Previous English class

Course Credit: 0.5

Course Description:

Writing Across the Genres continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

Course: PCHS3300B Writing Across the Genres

Suggested Grade Level(s): 11th

Prerequisites: Previous English class

Course Credit: 0.5

Course Description:

Writing Across the Genres continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

Course: PCHS3390A Writing Across the Genres Honors

Suggested Grade Level(s): 11th

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Writing Across the Genres continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses at an advanced level.

Course: PCHS3390B Writing Across the Genres Honors

Suggested Grade Level(s): 11th

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Writing Across the Genres continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses at an advanced level.

Course: PCHS3400A Capstone English

Suggested Grade Level(s): 12th

Prerequisites: Previous English class

Course Credit: 0.5

Course Description:

Capstone English courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

Course: PCHS3400B Capstone English

Suggested Grade Level(s): 12th

Prerequisites: Previous English class

Course Credit: 0.5

Course Description:

Capstone English courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

Course: PCHS3490A Capstone English Honors

Suggested Grade Level(s): 12th

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Capstone English courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers at an advanced level.

Course: PCHS3490B Capstone English Honors

Suggested Grade Level(s): 12th

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Capstone English courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers at an advanced level.

Course: PCHS3500A English Composition I (Front Range Community College Concurrent Enrollment Course)

Suggested Grade Level(s): 12th

Prerequisites: Acceptance into FRCC, qualifying ACT/Accuplacer Test scores, or a “B” all year in Writing Across the Genres and a 3.0+ GPA

Course Credit: 0.5

FRCC Course Description for English Composition I:

Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing. This course is one of the statewide Guaranteed Transfer courses. Students must score a 95 or higher on the Sentence Skills section of Accuplacer to be eligible for the English Comp. class, so I’m wondering if we should add that as a demonstration of College/Career Readiness (there is no Reading Comp score needed to enter the English Comp. class)

Course: PCHS3500B English Composition II (Front Range Community College Concurrent Enrollment Course)

Suggested Grade Level(s): 12th

Prerequisites: Student must have passed English Composition I with a “C” or higher.

Course Credit: 0.5

FRCC Course Description for English Composition II:

Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporates research. This course is one of the statewide Guaranteed Transfer courses.

MATHEMATICS

Math 4 Credits	Freshman	Sophomore	Junior	Senior
Standard	Algebra I	Geometry	Algebra II	Pre-Calculus/Trigonometry or Statistics
Option	Algebra I Honors	Geometry Honors	Algebra II Honors	Pre-Calculus/Trigonometry Honors
College Prep	Geometry Honors*	Algebra II Honors	Pre-Calculus/Trigonometry Honors	AP Calculus AB
*Algebra I must have been completed during the student's 8 th grade year.				

Course: PCHS4080 Math Intervention

Grade level(s): 9-10

Prerequisites: Students who have demonstrated below proficient understanding of math concepts on state and/or school exams and teacher recommendation.

Course Credit: 0.5

Math Intervention courses provide instruction in basic mathematics skills, placing great emphasis on the progress of individual students. Course content depends upon students' abilities.

Course: PCHS4100A Algebra I

Grade level(s): 9

Prerequisites: None

Course Credit: 0.5

Course Description:

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

Course: PCHS4100B Algebra I

Grade level(s): 9

Prerequisites: None

Course Credit: 0.5

Course Description:

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

Course: PCHS4190A Algebra I Honors

Grade Level(s): 9

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations at an advanced level.

Course: PCHS4190B Algebra I Honors

Grade Level(s): 9

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations at an advanced level.

Course: PCHS4200A Geometry

Grade Level(s): 9-10

Prerequisites: Algebra I

Course Credit: 0.5

Course Description:

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

Course: PCHS4200B Geometry

Grade Level(s): 9-10

Prerequisites: Algebra I

Course Credit: 0.5

Course Description:

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

Course: PCHS4290A Geometry Honors

Grade Level(s): 9-10

Prerequisites: Algebra I, based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles at an advanced level.

Course: PCHS4290B Geometry Honors

Grade Level(s): 9-10

Prerequisites: Algebra I, based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles at an advanced level.

Course: PCHS4300A Algebra II

Grade Level(s): 9-11

Prerequisites: Algebra I

Course Credit: 0.5

Course Description:

Algebra II courses include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

Course: PCHS4300B Algebra II

Grade Level(s): 9-11

Prerequisites: Algebra I

Course Credit: 0.5

Course Description:

Algebra II courses include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

Course: PCHS4390A Algebra II Honors

Grade Level(s): 9-11

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Algebra II courses include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents at and advanced level.

Course: PCHS4390B Algebra II Honors

Grade Level(s): 9-11

Prerequisites: Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Algebra II courses include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents at and advanced level.

Course: PCHS4400A Pre-Calculus/Trigonometry

Grade Level(s): 10-12

Prerequisites: Algebra II

Course Credit: 0.5

Course Description:

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and

equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. Trigonometry courses prepare students for eventual work in calculus and typically include the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles; and complex numbers.

Course: PCHS4400B Pre-Calculus/Trigonometry

Grade Level(s): 10-12

Prerequisites: Algebra II

Course Credit: 0.5

Course Description:

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. Trigonometry courses prepare students for eventual work in calculus and typically include the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles; and complex numbers

Course: PCHS4490A Pre-Calculus/Trigonometry Honors

Grade Level(s): 10-12

Prerequisites: Algebra II, Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. Trigonometry courses prepare students for eventual work in calculus and typically include the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles; and complex numbers at an advanced level.

Course: PCHS4490B Pre-Calculus/Trigonometry Honors

Grade Level(s): 10-12

Prerequisites: Algebra II, Based on State test scores, interim test scores and teacher recommendation and passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. Trigonometry courses prepare students for eventual work in calculus and typically include the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles; and complex numbers at an advanced level.

Course: PCHS4500A Statistics

Grade Level(s): 10-12

Prerequisites: Algebra II or **Algebra I TBD**

Course Credit: 0.5

Course Description:

Statistic courses introduce the study of likely events and the analysis, interpretation, and presentation of quantitative data.

Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs).

Course topics may also include normal distribution and measures of variability.

Course: PCHS4500B Statistics

Grade Level(s): 10-12

Prerequisites: Algebra II or **Algebra I TBD**

Course Credit: 0.5

Course Description:

Statistic courses introduce the study of likely events and the analysis, interpretation, and presentation of quantitative data.

Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs).

Course topics may also include normal distribution and measures of variability.

Course: PCHS4600 Advanced Placement (AP) Calculus

Grade Level(s): 10-12

Prerequisites: Pre-Calculus/Trigonometry

Course Credit: 1

Course Description:

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications.

These courses introduce calculus and include the following topics: elementary functions; properties of functions and their graphs; limits and continuity; differential calculus (including definition of the derivative, derivative formulas, theorems about derivatives, geometric applications, optimization problems, and rate-of-change problems); and integral calculus (including antiderivatives and the definite integral).

SCIENCE

Science 3 Credits	Freshman	Sophomore	Junior	Senior
Standard	Biology	Chemistry	Environmental Science	
Option	Biology	Chemistry	Environmental Science	Science Elective
College Prep	Biology	Chemistry	AP Biology or/and Environmental Science	Science Elective

Course: PCHS5000A Biology

Grade Level(s): 9-12

Prerequisites: none

Type: Life Science Course with a Lab

Course Credit: 0.5

Course Description:

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Course: PCHS5000B Biology

Grade Level(s): 9-12

Prerequisites: none

Type: Life Science Course with a Lab

Course Credit: 0.5

Course Description:

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Course: PCHS5100 Chemistry

Grade Level(s): 9-12

Prerequisites: Algebra I

Type: Lab

Course Credit: 1

Course Description:

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

Course: PCHS5200A Environmental Science

Grade Level(s): 10-12 or 9th grade with teacher approval

Prerequisites: 1 years of science

Type: Life Science Course

Course Credit: 0.5

Course Description:

Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

Course: PCHS5200B Environmental Science

Grade Level(s): 10-12 or 9th grade with teacher approval

Prerequisites: 1 years of science

Type: Life Science Course

Course Credit: 0.5

Course Description:

Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

Course: PCHS5300 Physics

Grade Level(s): 11-12

Prerequisites: 2 years of science

Type: Lab

Course Credit: 1

Course Description:

Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

Course: PCHS5400A Anatomy

Grade Level(s): 11-12

Prerequisites: 2 years of science

Type: Life Science Course with a Lab

Course Credit: 0.5

Course Description:

Anatomy courses present an in-depth study of the human body and biological system. Students study such topics as anatomical terminology, cells, and tissues and typically explore functional systems such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems.

Course: PCHS5400B Anatomy

Grade Level(s): 11-12

Prerequisites: 2 years of science

Type: Life Science Course with a Lab

Course Credit: 0.5

Course Description:

Anatomy courses present an in-depth study of the human body and biological system. Students study such topics as anatomical terminology, cells, and tissues and typically explore functional systems such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems.

Course: PCHS5500 Advanced Placement (AP) Biology

Grade Level(s): 11-12

Prerequisites: 2 years of science and teacher recommendation

Type: Life Science Course with a Lab

Course Credit: 1

Course Description:

Adhering to the curriculum recommended by the College Board and designed to parallel college-level introductory biology courses, AP Biology courses stress basic facts and their synthesis into major biological concepts and themes. These courses cover three general areas: molecules and cells (including biological chemistry and energy transformation); genetics and evolution; and organisms and populations (i.e., taxonomy, plants, animals, and ecology). AP Biology courses include college-level laboratory experiments.

SOCIAL SCIENCES

Social Science 3 Credits	Freshman	Sophomore	Junior	Senior
Standard	American History	World Geography	Government & Economics	Elective
Option	American History Honors	World Geography Honors	Government & Economics	Psychology
College Prep	American History Honors	World Geography Honors World Cultures	Government & Economics AP World History	AP Microeconomics Psychology and/or Philosophy

Course: PCHS6000A American History

Grade Level(s): 9

Prerequisites: None

Course Credit: 0.5

Course Description:

American History courses examine the history of the United States from the colonial period to the Civil War or Reconstruction era (some courses end after this period). Some courses include American history before European settlement, while others may begin at the formation of the new nation. These courses typically include a historical overview of political, military, scientific, and social developments.

Course: PCHS6000B American History

Grade Level(s): 9

Prerequisites: None

Course Credit: 0.5

Course Description:

American History courses examine the history of the United States from the colonial period to the Civil War or Reconstruction era (some courses end after this period). Some courses include American history before European settlement, while others may begin at the formation of the new nation. These courses typically include a historical overview of political, military, scientific, and social developments.

Course: PCHS6090A American History Honors

Grade Level(s): 9

Prerequisites: Teacher recommendation, passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

American History courses examine the history of the United States from the colonial period to the Civil War or Reconstruction era (some courses end after this period). Some courses include American history before European settlement, while others may begin at the formation of the new nation. These courses typically include a historical overview of political, military, scientific, and social developments.

Course: PCHS6090B American History Honors

Grade Level(s): 9

Prerequisites: Teacher recommendation, passing previous course with a grade B or higher.

Course Credit: 0.5

Course Description:

American History courses examine the history of the United States from the colonial period to the Civil War or Reconstruction era (some courses end after this period). Some courses include American history before European settlement, while others may begin at the formation of the new nation. These courses typically include a historical overview of political, military, scientific,

and social developments.

Course: PCHS6100A World Geography

Grade Level(s): 10

Prerequisites: None

Course Credit: 0.5

Course description:

World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

Course: PCHS6100B World Geography

Grade Level(s): 10

Prerequisites: None

Course Credit: 0.5

Course description:

World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

Course: PCHS6190A World Geography Honors

Grade Level(s): 10

Prerequisites: Teacher recommendation, passing previous course with a grade B or higher.

Course Credit: 0.5

Course description:

World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas at an advanced level.

Course: PCHS6190B World Geography Honors

Grade Level(s): 10

Prerequisites: Teacher recommendation, passing previous course with a grade B or higher.

Course Credit: 0.5

Course description:

World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas at an advanced level.

Course: PCHS6200A Government / Economics

Grade Level(s): 11

Prerequisites: None

Course Credit: 0.5

Course Description:

Economics courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both. U.S. Government courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

Course: PCHS6200B Government / Economics

Grade Level(s): 11

Prerequisites: None

Course Credit: 0.5

Course Description:

Economics courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both. U.S. Government courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

Course: PCHS6300A World Cultures

Grade Level(s): 10-12

Prerequisites: American History

Course Credit: 0.5

Course description:

The world is 75% water; the rest of the 25% contains some very interesting people, places and cultures. Students will dig deep and explore the world through various aspects of the world cultures, such as music, dance, religion, food, film, sports, and language. Students will also discuss various modern issues facing these nations and the world as a whole, such as a war, disease, access to water, poverty, and environmental issues, as well as instructions on how to travel safely and for cheap. Students will come out of this class with not only a new appreciation for the world, but for humanity as well.

Course: PCHS6300B World Cultures

Grade Level(s): 10-12

Prerequisites: American History

Course Credit: 0.5

Course description:

The world is 75% water; the rest of the 25% contains some very interesting people, places and cultures. Students will dig deep and explore the world through various aspects of the world cultures, such as music, dance, religion, food, film, sports, and language. Students will also discuss various modern issues facing these nations and the world as a whole, such as a war, disease, access to water, poverty, and environmental issues, as well as instructions on how to travel safely and for cheap. Students will come out of this class with not only a new appreciation for the world, but for humanity as well.

Course: PCHS6400A Psychology

Grade Level(s): 11-12

Prerequisites: 11-12 grade

Course Credit: 0.5

Course Description:

Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

Course: PCHS6400B Psychology

Grade Level(s): 11-12

Prerequisites: 11-12 grade

Course Credit: 0.5

Course Description:

Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

Course: PCHS6500A Philosophy

Grade Level(s): 11-12

Prerequisites: None

Course Credit: 0.5

Course Description:

Philosophy courses introduce students to the discipline of philosophy as a way to analyze the principles underlying conduct, thought, knowledge, and the nature of the universe. Course content typically includes examination of the major philosophers and their writings.

Course: PCHS6500B Philosophy

Grade Level(s): 11-12

Prerequisites: None

Course Credit: 0.5

Course Description:

Philosophy courses introduce students to the discipline of philosophy as a way to analyze the principles underlying conduct, thought, knowledge, and the nature of the universe. Course content typically includes examination of the major philosophers and their writings.

Course: PCHS6600 Advanced Placement (AP) World History

Grade Level(s): 10-12

Prerequisites: American History, teacher recommendation.

Course Credit: 1

Course Description:

Following the College Board's suggested curriculum designed to parallel college-level World History courses, AP World History courses examine world history from 8000 BCE to the present with the aim of helping students develop a greater understanding of the evolution of global processes and contracts and how different human societies have interacted. These courses highlight the nature of changes in an international context and explore their causes and continuity.

Course: PCHS6700 Advanced Placement (AP) Microeconomics

Grade Level(s): 11-12

Prerequisites: Recommendation by teachers (strong math skills required).

Course Credit: 1

Course Description:

Following the College Board's suggested curriculum designed to parallel college-level microeconomics, AP Microeconomics courses provide students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers (both consumers and producers). They place primary emphasis on the nature and functions of product markets, while also including a study of factor markets and the role of government in the economy.

WORLD LANUGAGES

World Languages 2 Credits	Freshman	Sophomore	Junior	Senior
Option	Spanish I	Spanish II	Spanish III	Spanish Language III/IV
Option	French I	French II	French III & IV	
Option	Spanish for Native Speakers I	Spanish for Native Speakers II	Spanish Language III/IV	
World Languages Pathway	Spanish I	Spanish II French I	Spanish III French II	Spanish Language III/IV

Course: PCHS7000A French I

Grade Level(s): 9-11

Prerequisites: None

Course Credit: 0.5

Course Description:

Designed to introduce students to French language and culture, French I emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. French culture is introduced through the art, literature, customs, and history of the French-speaking people.

Course: PCHS7000B French I

Grade Level(s): 9-11

Prerequisites: None

Course Credit: 0.5

Course Description:

Designed to introduce students to French language and culture, French I emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. French culture is introduced through the art, literature, customs, and history of the French-speaking people.

Course: PCHS7080A French II

Grade Level(s): 10-12

Prerequisites: French I

Course Credit: 0.5

Course Description:

French II courses build upon skills developed in French I, extending students' ability to understand and express themselves in French and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of French-speaking people to deepen their understanding of the culture(s).

Course: PCHS7080B French II

Grade Level(s): 10-12

Prerequisites: French I

Course Credit: 0.5

Course Description:

French II courses build upon skills developed in French I, extending students' ability to understand and express themselves in French and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of French-speaking people to deepen their understanding of the culture(s).

Course: PCHS7090A French III & IV

Grade Level(s): 11-12

Prerequisites: French II

Course Credit: 0.5

Course Description:

French III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations. French IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the French language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

Course: PCHS7090B French III & IV

Grade Level(s): 11-12

Prerequisites: French II

Course Credit: 0.5

Course Description:

French III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations. French IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the French language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

Course: PCHS7100A Spanish I

Grade Level(s): 9-12

Prerequisites: Testing/Screening TBD

Course Credit: 0.5

Course Description:

Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

Course: PCHS7100B Spanish I

Grade Level(s): 9-12

Prerequisites: Testing/Screening TBD

Course Credit: 0.5

Course Description:

Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

Course: PCHS7180A Spanish II

Grade Level(s): 10-12

Prerequisites: Spanish I

Course Credit: 0.5

Course Description:

Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

Course: PCHS7180B Spanish II

Grade Level(s): 10-12

Prerequisites: Spanish I

Course Credit: 0.5

Course Description:

Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

Course: PCHS7190A Spanish III

Grade Level(s): 11-12

Prerequisites: Spanish II

Course Credit: 0.5

Course Description:

Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

Course: PCHS7190B Spanish III

Grade Level(s): 11-12

Prerequisites: Spanish II

Course Credit: 0.5

Course Description:

Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

Course: PCHS7200A Spanish for Native Speakers I

Grade Level(s): 9-12

Prerequisites: Testing/Screening TBD

Course Credit: 0.5

Course Description:

Spanish for Native Speakers courses support, reinforce, and expand students' knowledge of their own tongue. Because students understand at least the rudiments and structure of the language and have a working vocabulary (to a greater or lesser degree), Spanish for Native Speakers courses often move faster than do regular Spanish foreign language courses and emphasize literary development (with a study of literature and composition). These courses may also include the culture or history of the people and introduce translation skills.

Course: PCHS7200B Spanish for Native Speakers I

Grade Level(s): 9-12

Prerequisites: Testing/Screening TBD

Course Credit: 0.5

Course Description:

Spanish for Native Speakers courses support, reinforce, and expand students' knowledge of their own tongue. Because students understand at least the rudiments and structure of the language and have a working vocabulary (to a greater or lesser degree), Spanish for Native Speakers courses often move faster than do regular Spanish foreign language courses and emphasize literary development (with a study of literature and composition). These courses may also include the culture or history of the people and introduce translation skills.

Course: PCHS7290A Spanish for Native Speakers II

Grade Level(s): 10-12

Prerequisites: Spanish for Native Speakers I

Course Credit: 0.5

Course Description:

Spanish for Native Speakers II courses extends from material learned in Spanish for Native Speakers I and supports, reinforces, and expands students' knowledge of their own tongue. Because students understand at least the rudiments and structure of the language and have a working vocabulary (to a greater or lesser degree), Spanish for Native Speakers courses often move faster than do regular Spanish foreign language courses and emphasize literary development (with a study of literature and composition). These courses may also include the culture or history of the people and introduce translation skills.

Course: PCHS7290B Spanish for Native Speakers II

Grade Level(s): 10-12

Prerequisites: Spanish for Native Speakers I

Course Credit: 0.5

Course Description:

Spanish for Native Speakers II courses extends from material learned in Spanish for Native Speakers I and supports, reinforces, and expands students' knowledge of their own tongue. Because students understand at least the rudiments and structure of the language and have a working vocabulary (to a greater or lesser degree), Spanish for Native Speakers courses often move faster than do regular Spanish foreign language courses and emphasize literary development (with a study of literature and composition). These courses may also include the culture or history of the people and introduce translation skills.

Course: PCHS7300A Spanish Language III (Front Range Community College Concurrent Enrollment Course)

Grade Level(s): 9-12

Prerequisites: Acceptance into FRCC and qualifying Spanish exam placement scores

Course Credit: 0.5

Course Description:

Continues Spanish Language I and II in the development of increased functional proficiency in listening, speaking, reading, and writing the Spanish language. Note: The order of topics and the methodology will vary according to the individual texts and instructors. This course is one of the Statewide Guaranteed Transfer courses.

Course: PCHS7300B Spanish Language IV (Front Range Community College Concurrent Enrollment Course)

Grade Level(s): 10-12

Prerequisites: Student must have passed Spanish Language III with a "C" or higher.

Course Credit: 0.5

Course Description:

Continues Spanish Language I, II, and III in the development of increased functional proficiency in listening, speaking, reading, and writing the Spanish language. Note: The order of topics and the methodology will vary according to the individual texts and instructors. This course is one of the Statewide Guaranteed Transfer courses.

ARTS

Arts	Freshman	Sophomore	Junior	Senior
Standard	Drawing	Painting	Studio Art and Culture	Advanced Art
Option	Ceramics I	Ceramics II	Drawing	Studio Art and Culture
Art Pathway	Drawing	Painting Ceramics I	Advanced Art Ceramics II	Studio Art and Culture

Course: PCHS8000A Drawing

Grade Level(s): 9-12

Prerequisites: None

Course Credit: 0.5

Course Description:

This course offers many opportunities to explore the fundamentals of drawing. The year will begin with general studio instruction in drawing, exploring such media as; pencil, crayon, charcoal, pen and ink, and colored pencil. Design, composition, the rendering of light and perspective are explored, as well as, working from the human figure. Students taking this drawing course will develop the skills to accurately record visual observation from life using a variety of drawing media.

Course: PCHS8000B Drawing

Grade Level(s): 9-12

Prerequisites: None

Course Credit: 0.5

Course Description:

This course offers many opportunities to explore the fundamentals of drawing. The year will begin with general studio instruction in drawing, exploring such media as; pencil, crayon, charcoal, pen and ink, and colored pencil. Design, composition, the rendering of light and perspective are explored, as well as, working from the human figure. Students taking this drawing course will develop the skills to accurately record visual observation from life using a variety of drawing media.

Course: PCHS8100A Painting

Grade Level(s): 10-12

Prerequisites: Drawing

Course Credit: 0.5

Course Description:

This course offers many opportunities to explore the fundamentals of painting. The year will begin with general studio instruction in painting, exploring such media as; acrylic, watercolor, pastel, ink, and chalk. The elements of art and principles of design will be the tools and guidelines used to take students through the painting process. Students taking this course will develop the skills to accurately use color theory and value within their paintings.

Course: PCHS8100B Painting

Grade Level(s): 10-12

Prerequisites: Drawing

Course Credit: 0.5

Course Description:

This course offers many opportunities to explore the fundamentals of painting. The year will begin with general studio instruction in painting, exploring such media as; acrylic, watercolor, pastel, ink, and chalk. The elements of art and principles of design will be the tools and guidelines used to take students through the painting process. Students taking this course will develop the skills to accurately use color theory and value within their paintings.

Course: PCHS8200A Ceramics I

Grade Level(s): 9-12

Prerequisites: None

Course Credit: 0.5

Course Description:

This course offers many opportunities to explore the fundamentals of Ceramics. This course focuses on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

Course: PCHS8200B Ceramics I

Grade Level(s): 9-12

Prerequisites: None

Course Credit: 0.5

Course Description:

This course offers many opportunities to explore the fundamentals of Ceramics. This course focuses on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

Course: PCHS8290A Ceramics II

Grade Level(s): 10-12

Prerequisites: Ceramics I

Course Credit: 0.5

Course Description:

Ceramics II course extends from material learned in Ceramics I. This course focuses on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

Course: PCHS8290B Ceramics II

Grade Level(s): 10-12

Prerequisites: Ceramics I

Course Credit: 0.5

Course Description:

Ceramics II course extends from material learned in Ceramics I. This course focuses on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

Course: PCHS8300A Studio Art and Culture

Grade Level(s): 10-12

Prerequisites: 1 year of art

Course Credit: 0.5

Course Description:

Studio Art and Culture courses introduce students to significant works of art, artists, and artistic movements that have shaped the art world and have influenced or reflected periods of history. These courses often emphasize the evolution of art forms, techniques, symbols, and themes. Some of the materials and techniques that may be included are acrylic paint, drawing, ceramic sculpture, and printmaking.

Course: PCHS8300B Studio Art and Culture

Grade Level(s): 10-12

Prerequisites: 1 year of art

Course Credit: 0.5

Course Description:

Studio Art and Culture courses introduce students to significant works of art, artists, and artistic movements that have shaped the art world and have influenced or reflected periods of history. These courses often emphasize the evolution of art forms, techniques, symbols, and themes. Some of the materials and techniques that may be included are acrylic paint, drawing, ceramic sculpture, and printmaking.

Course: PCHS8400A Advanced Art

Grade Level(s): 11-12

Prerequisites: 1 year of art

Course Credit: 0.5

Course Description:

Designed for students with a serious interest in art, AP Studio Art—General Portfolio courses enable students to refine their skills and create artistic works to be submitted to the College Board for evaluation. Given the nature of the AP evaluation, the courses typically emphasize quality of work, attention to and exploration of a particular visual interest or problem, and breadth of experience in the formal, technical, and expressive aspects of the student's art. AP Studio Art—General Portfolio evaluations require submission of artwork exemplifying talent in drawing, color organization, design, and sculpture.

Course: PCHS8400B Advanced Art

Grade Level(s): 11-12

Prerequisites: 1 year of art

Course Credit: 0.5

Course Description:

Designed for students with a serious interest in art, AP Studio Art—General Portfolio courses enable students to refine their skills and create artistic works to be submitted to the College Board for evaluation. Given the nature of the AP evaluation, the courses typically emphasize quality of work, attention to and exploration of a particular visual interest or problem, and breadth of experience in the formal, technical, and expressive aspects of the student's art. AP Studio Art—General Portfolio evaluations require submission of artwork exemplifying talent in drawing, color organization, design, and sculpture.

MUSIC

MUSIC	Freshman	Sophomore	Junior	Senior
Option	Guitar I			
Option	Band	Band	Band	Band
Option	Choir	Voice Class	Voice Class	Voice Class

Course: PCHS8500A Guitar I

Grade Level(s): 9-12

Prerequisites: Student must provide guitar

Course Credit: 0.5

Course Description:

This one-year course is designed for students with no previous guitar experience, but students that already play guitar are also welcome. Areas of concentration include: correct posture, note reading, aural skills, music theory, flat-picking, singing songs,

rhythmic patterns, chord study, finger-picking styles, musical forms, improvisation and performing experiences. There will be a class recital in the spring for family and friends to attend. **Students must have their own acoustic, 6-string guitar for this class.** The class method book(s) will be provided.

Course: PCHS8500B Guitar I

Grade Level(s): 9-12

Prerequisites: Student must provide guitar

Course Credit: 0.5

Course Description:

This one-year course is designed for students with no previous guitar experience, but students that already play guitar are also welcome. Areas of concentration include: correct posture, note reading, aural skills, music theory, flat-picking, singing songs, rhythmic patterns, chord study, finger-picking styles, musical forms, improvisation and performing experiences. There will be a class recital in the spring for family and friends to attend. **Students must have their own acoustic, 6-string guitar for this class.** The class method book(s) will be provided.

Course: PCHS8600A Band

Grade Level(s): 9-12

Prerequisites: Student will perform a short prepared solo/etude and or a simple sight reading exercise prior to acceptance into the program. Students previously enrolled in the Pinnacle Band Program are exempt from this screening process. See band instructor prior to enrolling for more information.

Course Credit: 0.5

Course descriptions:

Band is open to all brass, percussion and woodwind players who wish to focus on improving their ensemble playing in a band setting. Development of basic musicianship and playing skills will be emphasized through performance in this band. Students are expected to participate in events outside of school hours.

Course: PCHS8600B Band

Grade Level(s): 9-12

Prerequisites: Student will perform a short prepared solo/etude and or a simple sight reading exercise prior to acceptance into the program. Students previously enrolled in the Pinnacle Band Program are exempt from this screening process. See band instructor prior to enrolling for more information.

Course Credit: 0.5

Course descriptions:

Band is open to all brass, percussion and woodwind players who wish to focus on improving their ensemble playing in a band setting. Development of basic musicianship and playing skills will be emphasized through performance in this band. Students are expected to participate in events outside of school hours.

Course: PCHS8700A Voice Class

Grade Level(s): 9-12

Prerequisites: None

Course Credit: 0.5

Course Descriptions:

Voice Class is designed to offer students the opportunity to study the voice as an instrument in a solo and small group setting. Students will, upon completion of the course, have a greater understanding of how the voice actually works, know how to use that knowledge to sing a variety of music styles, and perform with greater confidence.

Course: PCHS8700B Voice Class

Grade Level(s): 9-12

Prerequisites: None

Course Credit: 0.5

Course Descriptions:

Voice Class is designed to offer students the opportunity to study the voice as an instrument in a solo and small group setting. Students will, upon completion of the course, have a greater understanding of how the voice actually works, know how to use that knowledge to sing a variety of music styles, and perform with greater confidence.

Course: PCHS8800A Choir

Grade Level(s): 9-12

Prerequisites: Minimum of one year experience singing in a Choir or in Voice Class is preferred but not required.

Course Credit: 0.5

Course Description:

Choir members get to experience a variety of vocal ensemble music styles, including modern popular tunes, a cappella arrangements, musical theater selections, music from other cultures, and great artistic choral music. As part of the choral rehearsal experience, students will learn how the voice works and how to use that knowledge to expertly perform multiple styles of music with confidence. Students will also learn to read music or enhance their current music reading skills.

Course: PCHS8800B Choir

Grade Level(s): 9-12

Prerequisites: Minimum of one year experience singing in a Choir or in Voice Class is preferred but not required.

Course Credit: 0.5

Course Description:

Choir members get to experience a variety of vocal ensemble music styles, including modern popular tunes, a cappella arrangements, musical theater selections, music from other cultures, and great artistic choral music. As part of the choral rehearsal experience, students will learn how the voice works and how to use that knowledge to expertly perform multiple styles of music with confidence. Students will also learn to read music or enhance their current music reading skills.

PHYSICAL EDUCATION

Physical Education 2 Credits	Freshman	Sophomore	Junior	Senior
Standard	Health	PE Elective		

Course: PCHS2000A Health

Grade Level(s): 9

Prerequisites: None

Course Credit: 0.5

Course Description:

Students will explore, study, and examine many different health topics including mental and emotional health, weight management, nutrition, stress and anxiety, relationships, drugs (including alcohol and tobacco) and their effects on the mind and body, growth and development, diseases and disorders, along with many other health topics. Students will also explore and participate in various physical education activities including but, not limited to basketball, pickle ball, volleyball, soccer, football, badminton, floor hockey, and handball. The purpose of the course is for students to gain the knowledge and skills in the gym and the classroom that will allow them to lead a healthy life in terms of their physical, mental/emotional, and social health.

Course: PCHS2000B Health

Grade Level(s): 9

Prerequisites: None

Course Credit: 0.5

Course Description:

Students will explore, study, and examine many different health topics including mental and emotional health, weight management, nutrition, stress and anxiety, relationships, drugs (including alcohol and tobacco) and their effects on the mind and body, growth and development, diseases and disorders, along with many other health topics. Students will also explore and participate in various physical education activities including but, not limited to basketball, pickle ball, volleyball, soccer, football, badminton, floor hockey, and handball. The purpose of the course is for students to gain the knowledge and skills in the gym and the classroom that will allow them to lead a healthy life in terms of their physical, mental/emotional, and social health.

Course: PCHS2100 General Physical Education (PE)

Grade Level(s): 10-12

Prerequisites: None

Course Credit: 0.5

Course Description:

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Course: PCHS2200 Lifetime Activities

Grade Level(s) 10-12

Prerequisites: none

Course Credit: 0.5

Course Description:

The primary objective of this course is to develop interest in fitness, athletic, and leisure activities that the students can participate in at all stages of their life. Instruction of the activities will include technique, fundamental skills, playing courtesies, rules, and terminology. Types of activities that would be included are strength training basics, circuit training, net sports, kickball, ultimate Frisbee, bowling, and dance.

Course: PCHS2400 Fitness and Conditioning

Grade Level(s) 10-12

Prerequisites: Previous PE class

Course Credit: 0.5

Course Description:

This course is for the student interested in developing conditioning activities that help with muscular strength, flexibility, and cardiovascular fitness. It is our goal as a department to raise fitness levels at The Pinnacle. The goal is that by exposing the students to a variety of fitness related activities they will be able to find their own preferred means of exercise and live a long healthy life.

Course: PCHS2410 Weight Training for Athletes

Grade Level(s) 11-12

Prerequisites: Previous PE class

Course Credit: 0.5

Course Description:

Weight training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning. It is our goal as a department to raise fitness levels at The Pinnacle, as well as athletic performance of our athletic teams. By offering a course geared to athletes not only will we increase fitness levels, but also reduce the number of injuries, and improve overall athletic performance.

Course: PCHS2500 Varsity Athletics

Grade Level(s): 9-12

Prerequisites: None

Course Credit: 0.5

Course Description:

Students have the opportunity to earn 0.5 credits for one season of play for a varsity athletic team at Pinnacle High School or another local high school. (for example: varsity football, varsity basketball, varsity baseball, wrestling, swimming/diving, cheerleading, gymnastics, etc.) To earn 0.5 credits per Varsity sport played, the student must meet the Colorado State Physical Education Standards while participating in the sport and he/she must receive signatures from the proper authorities. (the student is responsible for picking up the form in the Counseling Office, obtaining the proper signatures, and returning it to his/her counselor—credit is NOT automatically awarded to any varsity athlete). Students may earn a maximum of 2.0 credits total (in 4 years) by participating in varsity athletics. The amount of credit awarded is subject to approval by administration. If credit is awarded, the student will earn Physical Education or elective credit, but student will not earn a letter grade and or effect GPA.

TECHNOLOGY

Technology	Freshman	Sophomore	Junior	Senior
Option	Computer Applications	Video Production	Introduction to Java Programing	

Course: PCHS1000 Computer Applications I

Grade Level(s): 9-12

Prerequisites: None

Course Credit: 0.5

Course Description:

In Computer Applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing.

Course: PCHS1010 Computer Applications II

Grade Level(s): 9-12

Prerequisites: None

Course Credit: 0.5

Course Description:

In Computer Applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing.

Course: PCHS1100A Video Production

Grade Level(s): 10-12

Prerequisites: Computer Applications

Course Credit: 0.5

Course Description:

Visual Production courses provide students with the knowledge and skills necessary for television, video, film, and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career opportunities are typical topics covered within production courses. Students are usually required to produce their own program or segment. Additional topics such as broadcast industry regulations, radio/TV operation, power of the medium, photography, transmission technology, and so on may be included.

Course: PCHS1100B Video Production

Grade Level(s): 10-12

Prerequisites: Computer Applications

Course Credit: 0.5

Course Description:

Visual Production courses provide students with the knowledge and skills necessary for television, video, film, and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career opportunities are typical topics covered within production courses. Students are usually required to produce their own program or segment. Additional topics such as broadcast industry regulations, radio/TV operation, power of the medium, photography, transmission technology, and so on may be included.

Course: PCHS1200A Introduction to Java Programming

Grade Level(s): 11-12

Prerequisites: Computer Applications

Course Credit: 0.5

Course Description:

Introduction to Java Programming course provides students with the opportunity to gain expertise in computer programs using the Java language. As with more general computer programming courses, the emphasis is on how to structure and document computer programs, using problem-solving techniques. Topics covered in the course include syntax, I/O classes, string manipulation, and recursion.

Course: PCHS1200B Introduction to Java Programming

Grade Level(s): 11-12

Prerequisites: Computer Applications

Course Credit: 0.5

Course Description:

Introduction to Java Programming course provides students with the opportunity to gain expertise in computer programs using the Java language. As with more general computer programming courses, the emphasis is on how to structure and document computer programs, using problem-solving techniques. Topics covered in the course include syntax, I/O classes, string manipulation, and recursion.

MISCELLANEOUS

Course: PCH9500A Student Aide

Grade Level(s): 11-12

Prerequisites: Students must be on track to graduate, must have a 2.5 cumulative GPA or above, and instructor approval

Course Credit: 0.5

Course Description:

Student Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students.

Course: PCHS9610 1st Period Off

Grade Level(s): 11-12

Prerequisites: Students must be on track to graduate. Juniors must have a 2.75 cumulative GPA or above and Seniors must have a 2.5 cumulative GPA or above.

Course Credit: 0

Course Description:

Students meeting the requirements are allowed 1 off hour, 1st period. Students are required to be off campus during all off hours. Students must have a GPA of 2.5 and be on track to graduate.

Course: PCHS9620 1st & 2nd Period Off

Grade Level(s): 11-12

Prerequisites: Students must be on track to graduate. Juniors must have a 2.75 cumulative GPA or above and Seniors must have a 2.5 cumulative GPA or above.

Course Credit: 0

Course Description:

Students meeting the requirements are allowed 2 off hours, 1st and 2nd hours. Students are required to be off campus during all off hours. Students must have a GPA of 2.5 and be on track to graduate.

Course: PCHS9660 6th & 7th Period Off

Grade Level(s): 11-12

Prerequisites: Students must be on track to graduate. Juniors must have a 2.75 cumulative GPA or above and Seniors must have a 2.5 cumulative GPA or above.

Course Credit: 0

Course Description:

Students meeting the requirements are allowed 2 off hours, 6th, 7th and advisory. Students are required to be off campus during all off hours. Students must have a GPA of 2.5 and be on track to graduate.

Course: PCHS9670 7th Period Off

Grade Level(s): 11-12

Prerequisites: Students must be on track to graduate. Juniors must have a 2.75 cumulative GPA or above and Seniors must have a 2.5 cumulative GPA or above.

Course Credit: 0

Course Description:

Students meeting the requirements are allowed 1 off hour, 7th hour and advisory. Students are required to be off campus during all off hours. Students must have a GPA of 2.5 and be on track to graduate.

Course: PCHS9671 1st & 7th Period Off

Grade Level(s): 11-12

Prerequisites: Students must be on track to graduate. Juniors must have a 2.75 cumulative GPA or above and Seniors must have a 2.5 cumulative GPA or above.

Course Credit: 0

Course Description:

Students meeting the requirements are allowed 2 off hours, 1st, 7th and advisory. Students are required to be off campus during all off hours. Students must have a GPA of 2.5 and be on track to graduate.

Course: PCHS9700 Advisory

Grade Level(s): All Students

Prerequisites: None

Course Credit: 0

Course Description:

Advisory is a form of a Study Hall. Students are provided with the opportunity and time to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom.

Course: PCHS9800 Academic and Career Readiness

Grade Level(s): 9-12

Prerequisites: Student Services recommendation and based on student IEP.

Course Credit: 0.5

Course Description:

Academic and Career Readiness courses introduce students to the skills and strategies helpful in becoming more focused, productive individuals. These courses typically emphasize goal-setting; decision-making; managing time, energy, and stress; and identifying alternatives and coping strategies. They may also allow students to explore various career and lifestyle choices.

Course: PCHS9810 Work Experience and Learning

Grade Level(s): 11-12

Prerequisites: None

Course Credit: 0.5

Course Description:

This work based learning program allows students to earn up to .5 elective credit each semester for working outside of school. Work experiences provide the student the opportunity to experience a work environment and realize their possible potential. While engaging in the workforce students will gain understanding of how education can affect their vocational opportunities. Real life on the job training and interaction with a supervisor will enable a student to better understand the demands the workforce will place on them and the expectations they will be facing after completing their schooling.

ROTC OVERVIEW

All courses are taken at Westminster High School. Students provide their own transportation.

The Air Force JROTC program's mission is to "Develop citizens of character dedicated to serving their Nation and Community." Participation in the AFJROTC program does NOT incur any military obligation. Students engage in three academic areas: Aerospace Science (40%), Leadership (40%), and Wellness (20%) (See individual course descriptions below). Character development, time management, professionalism, respectful behavior, communication, and personal responsibility are key objectives incorporated into all aspects of the curriculum.

Students are required to demonstrate the proper wear, maintenance, and safeguarding of the Air Force Service Dress uniform as well as the Air Force physical fitness uniform. They are required to properly wear the AF Service Dress uniform once per week for the entire school day. Fifteen minutes of physical fitness to include push-ups, sit-ups, and general aerobic activity is incorporated at the start of each class day. In addition, students will engage in a fitness day each Friday and must wear the issued PT uniform items for that activity. The uniform wear and personal appearance requirements are learning crucial which means a student must meet the uniform wear and personal appearance requirements to be eligible to receive course credit. Students will be issued a complete, individually-tailored Air Force Service Dress uniform as well as PT uniform items for use throughout the year. First-time enrollees are required to pay a \$40 deposit. Returning enrollees are required to pay a \$20 deposit. To receive 50% of the deposit back at the end of the year, all issued items must be returned professionally dry-cleaned, complete, and serviceable (a discounted service is available which provides complete professional dry-cleaning for only \$5.00). Students are responsible for any missing or damaged uniform items.

Curriculum-in-Action field trips, which directly support the curriculum, are provided throughout the school year. The cadets will enjoy trips to Wings over the Rockies, Denver After Dark (a career discovery event), tours of the Air Force Academy, nearby Air Force bases and civilian aerospace companies. Students are encouraged to participate on our competitive Military Drill and Color Guard teams. Multiple community service events are planned, organized, and implemented by the students with the intent of helping out in our local community as well as gaining valuable community service time for college applications and scholarships.

For those interested in attending college and participating in Senior ROTC, upon completing three (3) or four (4) years of JROTC, students can receive one year of college credit (if enrolled in Senior ROTC). Students interested in serving in the military after high school have the added advantage of: a) Obtaining a "Certificate of Training" for completing two years JROTC and advanced promotion to the salary and grade of E-2 on completing basic training. b) Obtaining a "Certificate of Completion" after completing three or four years of JROTC and advanced promotion to the salary and grade of E-3 on completion of basic training.

No Military Obligation Is Incurred By Anyone Enrolled In This Program!

Course: PCHS9900 Journey Aviation & Leadership

Prerequisites: Acceptance into JROTC Program

Course Credit: 1

Course Description:

JROTC AS 100 – A Journey into Aviation History and Leadership

This course focuses on the “development of flight through the centuries.” Course units: the origins of flight from ancient civilizations to the modern era, civilian and military contributions to aviation, the development, modernization, and transformation of the Air Force. **Leadership:** Cadets are introduced to the Air Force Junior Reserve Officer Training Corps (AFJROTC) providing a basis or progression through the program while instilling elements of good citizenship. Topics include: AF organizational structure, uniform wear, customs, courtesies, traditions, health and wellness, fitness, individual self-control and citizenship.

Course: PCHS9910 Global Awareness & Leadership

Prerequisites: PCHS990 Journey Aviation & Leadership

Course Credit: 1

Course Description:

JROTC AS 220 – Cultural Studies: An Introduction to Global Awareness and Leadership Education

Cadets are introduced to various regions of the world from geographic, historical and cultural perspective. The course provides international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America’s interests and role in the world. Geopolitical issues such as terrorism, economics, politics, military issues, religion, environmental concerns, human rights, disease, overpopulation, literacy, the migration of peoples and other cultural issues will be examined. **Leadership:** This course covers communication skills, introduces leadership theory and individual/group behavior, and allows the student to apply these skills during drill. Students will hold positions of greater responsibility in the planning and execution of cadet corps projects.

Course: PCHS9920 Cadet Corps & Leadership

Prerequisites: PCHS990 Journey Aviation & Leadership

Course Credit: 1

Course Description:

JROTC AS 400 – Management of the Cadet Corps and Leadership Education

Cadets manage the entire corps. This hands-on experience affords the cadets the opportunity to put the theories of previous leadership courses into practice including communication, decision-making, personal-interaction, managerial, and organizational skills. **Leadership:** Students will focus on understanding the fundamentals of management, managing themselves, and others. Emphasis is placed on allowing the student to see himself/herself as a manager.