



CAHPS CURRICULUM GUIDE 9TH -12TH GRADE

Central Point School District 6

CAHPS Mission

To build a community of diverse learners who are encouraged to succeed through a variety of supportive academic and civic opportunities.

CAHPS students are preparing for their future as collaborative problem solvers and actively involved community members while striving to reach their highest potential.

Crater Academy of Health and Public Services

EST 2007



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MINIMUM CLASS LOADS

In order for students to graduate ready for the rigors of life after high school, we encourage students to take five or more classes each trimester during all four years of their high school career.

Grade Level	Number of required credits per trimesters
Senior	Four Credits *Three in special circumstances
Junior	Five Credits
Sophomore	Five Credits
Freshman	Five Credits *No Early Bird

*Please note, not all Early Bird Classes earn a full credit

Opportunities to Earn College Credit in High School

Our mission in CAHPS is to help our students reach their highest potential. For many of our students, that will mean a strong academic foundation for college. Many families wonder if college is a possibility because of the costs. One of the best ways to reduce college costs and strengthen your level of preparedness for college is to start earning credit while in high school. Below is a list of courses that allow students to receive simultaneous credit for both high school and college courses (aka dual enrollment).

COLLEGE CREDIT THROUGH ADVANCED PLACEMENT COURSEWORK

CAHPS offers, or CAHPS students have access to, the following Advanced Placement courses (some are offered on alternate years):

- AP Calculus
- AP Statistics
- AP US History
- AP Psychology
- AP Literature & Composition
- AP Language & Composition
- AP On-line (there are many other options available online)

Students may earn college credit by scoring high enough on an Advanced Placement exam in the spring. Students must typically score a “3” or better on the exam to earn college credit, but each college has its own guidelines. Please contact the college admissions offices for the specific scores required by the colleges you are interested in attending.

SOUTHERN OREGON UNIVERSITY EARLY ENTRY PROGRAM

Southern Oregon University’s Early Entry Program gives juniors and seniors the opportunity take college classes while in high school. High school students in the Early Entry Program pay reduced rates for tuition. The classes are available on both the Medford and the Ashland SOU campuses. See SOU’s Early Entry Program website for more details: http://www.sou.edu/youth/early_entry/. Interested students must have prior approval of the Student Services Coordinator or Principal to enroll in the program.



Community College Next Generation Accuplacer Test

If you plan to attend a community college and need to take the placement exam, Mrs. James is certified to administer it on campus. Contact her for more information.

ADVANCED COLLEGE CREDIT (SOU, RCC, KCC)

Several of our classes have been aligned with college coursework, and the teachers have been approved to award college credit. Students register for the college credits at the beginning of each trimester. When the students have completed the course, the CAHPS instructor submits their grade to the partner college. Their grades will appear on the CAHPS and the college's transcript, where they receive credit for the corresponding college class. The cost per credit for ASC is considerably lower than what the same course would cost a freshman attending the university. Community colleges offer these credits at no charge for students who meet eligibility requirements. These courses may be offered every other year and are dependent on teacher availability.

CAHPS Class	College Course	College Credits
Advanced Placement Language Comp	Writing 121/122 English Composition	8
Advanced Placement Literature Comp	English 104/105 Intro to Literature	8
Statistics & Probability	Math 243 Intro to Stat. Methods	4
Advanced Placement Calculus	Math 252/253 Calculus	8
Pre-Calculus	Math 111 College Algebra	4
Pre-Calculus	Math 112 Elementary Function	4
Advanced Placement Psychology	PSY 101/102 Intro to Psychology	8
Advanced Placement US History	HST 250/251 American History & Life	8
First Aid/CPR	HE 112/261 First Aid/CPR	8
Welding 101	WLD 101 Welding 101	4
Welding 102	WLD 102 Welding 102	4
Chemistry A & B	CHE 104/105 General Chemistry I	4
Physics A & B	PHY 201 General Physics I	4
Biology A & B	BIO 101/102 Biology I/II	8
Anatomy & Physiology	BIO 103 Biology III	3

Please note: Not all classes are offered every year.



Crater Academy of Health & Public Services Course Offerings

*Please note: changes in staff, as well as student forecasting requests, may result in changes to our course offerings. Some classes will be offered on alternating years.

MATH

Algebra I – T2/T3

Geometry

Algebra II

Statistics T1/T2

Pre-Calculus

AP Calculus

AP Statistics

Business Consumer Math

ENGLISH & SOCIAL STUDIES

9th Grade TIESS English

9th Grade TIESS US/World History

10th Grade TIESS English

10th Grade TIESS US/World History

11th Grade English

11th Grade Financial Literacy

12th Grade English

Global Studies A (11th-12th)

Senior Seminar – Econ/Gov. (12th; 2 terms)

AP Literature & Composition (11th-12th)

AP Language & Composition (11th-12th)

AP US History (10th, 11th, 12th) 3 Terms

AP Psychology (10th, 11th, 12th) 3 Terms

SCIENCE

Physical Science (9th)

Biology (10th)

Anatomy & Physiology (11th, 12th)

Chemistry (11th, 12th)

Physics (11th, 12th)

Vert. Zoology (1 term; 10th, 11th, 12th) *2019-2020

Invert. Zoology (1 term; 10th, 11th, 12th) *2020-2021

Marine Biology (10th, 11th, 12th) *2019-2020

Forensic Science (10th, 11th, 12th)

Astronomy (9th, 10th, 11th, 12th)

WORLD LANGUAGE

Spanish 1A & 1B (2 terms per year)

Spanish 2A & 2B (2 terms per year)

Advanced Spanish (3&4) (2 terms per year)

Adv. Spanish for Native Speakers (2 terms)

Chinese 1 (all access) 3 terms

Chinese 2 (all access) 3 terms

Advanced Chinese (all access) 3 terms

PHYSICAL EDUCATION

(May be taken more than once for credit)

Body Toning (9th-12th)

Core Fitness (9th-12th)

PE (9th-12th)

Early Bird Football Lifting (10th-12th football team)

Early Bird Rec/Mat (10th-12th wrestling team)

Early Bird Running (10th-12th cc runners)

Early Bird Basketball (10th-12th basketball team)

HEALTH & PUBLIC SERVICE THEMED OFFERINGS

Exploring the Health & Public Service Fields

Health 1

Health 2

Medical Terminology

First Aid/CPR

Anatomy/Physiology

Vertebrate Zoology

Invertebrate Zoology

Forensic Science

Intro to Law

Mock Trial

General Psychology (all access 2021-22)

AP Psychology



GENERAL ELECTIVES

Art

Digital Photography 1 & 2

Digital Journalism

Graphic Design for the Web

Digital Drawing/Adobe Illustrator

Digital Video

Programming with Pi (basic coding)

Chamber Choir (audition req.; all access)

Concert Choir (audition req.; all access)

Jazz Ensemble (audition req.; all access)

Speech & Debate (all access)

Wind Ensemble (audition req.; all access)

AGRICULTURAL ELECTIVES & FFA

FFA Students need 2 trimesters of an AG Class per year.

Welding 101 & 201 (10th-12th)

Metal Fabrication (Welding 101-102 are required first)

Mechanics (all access)

Power Technology (all access)

Construction Technology 101/201

Intro to Agriculture (all access)

Intro to Horticulture (all access) T2

Horticulture/Plant Production (all access) T3

AG Facilities Management (10th-12th)

Animal and Veterinary Science I, II, III (elective credit – all access)

Advanced Agriculture Science (classes TBD annually) all access

AG Leadership (FFA officers only)

ACADEMIC SUPPORT CLASSES

(By approval only)

Reading/Writing Lab

Math Lab / College Ready Reading

Deaf & Hard of Hearing Resource Center

MAPS ELA & Social Studies

English Language Development (all access)

AP On-line

AP courses, beyond what is listed above, may be available. See our Student Services Coordinator for more information.



Intersections

Intercession courses are a fun way for us to offer electives to CAHPS students. Each trimester, students will meet in their Intercession course four times. The first three times they will meet for one hour, and the fourth time they'll meet for the whole day. Students who successfully complete their intercession will earn 1/3 of a credit. Attendance is mandatory to earn credit.

Physical Education Intersections

Mountain Biking (T1/T3)
Extreme Outdoor Sports (T2)
Golf (T1)
Backpacking (T1/T3)
Archery (T1/T3)
Yoga/Pilates (T1)
Hiking (T1/T3)
Bowling (T1/T2)
Skiing & Snowboarding (T2)
Snowshoeing (T2)
Outdoor Survival (T3)
Fundamentals of Baseball (T3)
Latin Dance (T3)

Service Themed Intersections

Beach Cleanup (T1)

Science Intersections

Aquarium Science (T2)
Physics of Roller Coasters (T3)
Marine Biology (T3)

Career/Technical/Arts Intersections

Exploring College & Careers (T1, T2, T3)
Aluminum Welding (T2)
Intro to Heavy Machinery (T2)
Woodworking (T1, T2, T3)
Healthy Cooking (T1/T2/T3)
Digital Design (T1/T2/T3)
Landscape Photography (T1/T3)
Healthcare Occupations (T2)

General Elective Intersections

Life Skills (T2/T3)
Strategic Gaming/Escape Room (T2)
Academic Support (T1, T2, T3)
Tie Dye (T1/T3)
Meal Prepping (T2)
Unique Tabletop Games (T2)
Intro to Fly Fishing (T1)
Fly Fishing (T3)
iFly (T1)
Executive Council (T1/T2)
E-sports (T2/T3)
Crabbing/Clamming (T1)
Senior Internships (T2)
Senior Projects (T3)
Virtual Reality (T2)
Oregon Zoolife (T3)

*Not all intercession will be offered each trimester.



CAHPS Course Descriptions

Science

Science requirements for graduation—6 credits

College bound/NCAA recommendation—8+ credits to include Chemistry & Physics

Although not required, it is recommended that college-oriented students, especially those planning on a Bachelor of Science degree, take Physics and Chemistry in addition to the required classes of Physical Science and Biology.

Physical Science

2 Trimesters

Grade 9

Science Credit

Physical Science is a lab-based introduction to the non-living sciences such as chemistry and physics as well as earth and space science. Areas of study include: scientific inquiry and the discoveries of famous physical scientists; matter, chemical reactions and the periodic table; energy, forces, and the electromagnetic spectrum; plate tectonics and natural disasters; as well as our solar system and the universe. Second trimester culminates with the GIZMO project, in which groups of students research and explore specific physical science topics through the design and construction of hands-on, interactive displays that teach selected science concepts to visiting elementary students.

Biology

2 Trimesters

Grade 10

Science Credit

This required laboratory-based science class investigates the characteristics, organization, function and interrelationships of living cells and organisms. Topics of study include biochemistry, cell structure, and function, photosynthesis, genetics, biotechnology, natural selection, classification and ecology. Students will participate in Socratic seminars discussing the future of genetics, with topics such as “designer babies” and “human cloning.” Students will be evaluated through written tests, lab reports, homework assignments, and class work.

Astronomy

1 Trimester

Grades 10, 11, 12

Astronomy courses offer students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. These courses usually introduce and use astronomic instruments and typically explore theories regarding the origin and evolution of the universe, space, and time.

Anatomy/Physiology

2 Trimesters

Grades 11, 12

Science/Elective Credit

Prerequisite: C or better in Biology or Principal Approval

The Anatomy/Physiology course studies the human body systems in more detail and depth than the regular biology course. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (nervous, cardiovascular, respiratory, digestive, urinary, reproductive, and others) and participate in various labs and dissections.



Chemistry

2 Trimesters

Grades 11, 12 (10th approved by principal)

Science/Elective Credit

Prerequisite: Algebra I

Chemistry is the study of the composition, structure, and properties of matter and the changes it undergoes. The course is laboratory based, and many chemical reactions are explored. Special consideration is given to human impacts and the chemistry of our environment. Skills taught include measurement and units, observation, data presentation, scientific inquiry, laboratory techniques, drawing conclusions, and group work. The Chemistry curriculum is designed to provide students with the skills and knowledge to be successful in higher education and a variety of work places.

Physics

Year Long

Grades 11, 12

Science/Elective Credit

Prerequisite: C or better in Algebra I and Geometry or Instructor approval

Physics is a conceptual and mathematical study of the physical world around us. Topics covered include motion, mechanics, electro-magnetism, thermodynamics and modern physics. Skills taught include measurement and units, observation, data presentation, scientific inquiry, laboratory techniques, and drawing conclusions. This class is designed for students who want a solid foundation in Physics and for students planning to study science, mathematics, or technology in college.

Marine Biology

1 Trimester

Grades 10, 11, 12

Science/Elective Credit

Prerequisite: C or better in Biology or Principal Approval

Marine biology is a life-science course that explores the science of the oceans and the organisms living in it. You will learn about the chemical and physical properties of seawater, a survey of the organisms of the sea, the structure and function of marine ecosystems and explore human impact on the world's oceans. The course will include hands-on laboratory experiments, including dissections, and one or more field trips to the coast. Offered alternating years, rotating with Zoology.

Vertebrate Zoology (usually trimester 1 or 2)

1 Trimester

Grades 10, 11, 12

Science/Elective Credit

Prerequisite: C or better in Biology or Principal approval

This course covers the major groups of vertebrates (fish, amphibians, reptiles, birds, and mammals) with a focus on the animals found in Oregon. We will look at their classification, ecology, environmental issues, behaviors, relationships, anatomy, and physiology. The diversity of animal life and the manner in which structure and function complement each other are basic themes of this course. This course also involves multiple animal dissections.

Invertebrate Zoology

1 Trimester

Grades 10, 11, 12

Science/Elective Credit

Prerequisite: C or better in Biology or Principal approval

Invertebrate Zoology covers the study of animals, with a focus on invertebrate animals (animals without backbones). This course provides an introduction to animal classification, anatomy, physiology, ecology, and behavior. Special topics will include entomology (the study of insects), animal survival strategies and animal reproduction. Students will participate in numerous dissections. There will be multiple field trips for the purposes of collecting insects for the spring insect collection project. Offered alternating years, rotating with Marine Biology.



Forensic Science

1 Trimester

Grades 9-12

Science/Elective Credit

Prerequisite: C or better in at least one high school science class

Forensic science will enable the student to describe the relationship of forensics to law enforcement and the courtroom. Students will know and be able to evaluate certain types of evidence in court proceedings, explain the steps for thoroughly recording the crime scene and describe the proper procedures for conducting a systematic search of a crime scene for physical evidence. Students will study the work of various forensics pioneers and the development of technology relevant to forensics. Students will be able to evaluate the nature of forensics both with and without these technologies. Students will study how these technologies influenced the outcome of specific high interest court cases. Students will also study specific details of the analysis of fingerprints, blood, dentition, bones, DNA, trace evidence and ballistics. Students will be exposed to the use of injury analysis, body decompositions, and forensic anthropological techniques to determine the gender, age, and time of death of body remains.

Mathematics

Math requirements for graduation—6 credits

College bound/NCAA recommendation—8 credits

The CAHPS math team uses a proficiency-based math system in all classes except AP Calculus. At the Algebra 1, Geometry, Algebra 2 & Pre-Calculus levels, CAHPS math teachers have identified the most essential skills and content that students must have basic mastery of because they are foundation blocks for understanding the next level(s) of math and they are needed to pass the state math standards test. The CAHPS team is using a proficiency-based approach because it:

- 1) Supports current research regarding student learning
- 2) Allows for different rates of learning but supports all students achieving proficiency
- 3) Gives detailed information that a student excels or needs to improve

Bridge to Algebra 1

1 Trimester

Math Elective

The bridge course will review last year's math skills and concepts in order to increase their success in T2 and T3. This will only be offered first trimester. This is a required course.

Algebra I

2 Trimesters Pre req. Bridge to Algebra 1

Math Credit

Algebra I is the beginning course of high school mathematics. Students will explore real numbers in terms of variable expressions and equations. Algebraic concepts and skills are emphasized with practical applications included. Successful completion of this course prepares students for Geometry, Algebra II and Pre-Calculus while helping students prepare for college entrance and state exams.

Bridge to Geometry

1 Trimester

Math Elective

The bridge course will review last year's math skills and concepts in order to increase their success in T2 and T3. This will only be offered first trimester. This is a required course.



Geometry

2 Trimesters Pre req. Bridge to Geometry

Math Credit

In Geometry, students will learn to solve a variety of problems related to points, lines segments, rays, lines, angles, planes, the coordinate plane, triangles, quadrilaterals, polygons, circles, and three dimensional solids. Problems related to these objects may involve measurement, computation, algebraic equation writing and solving, or compass constructions. Students often complete hands-on activities involving measuring, folding, and compass construction in order to discover concepts. Students must master established proficiencies to earn a grade in this course. Applications of mathematics, an elective, with an emphasis on geometry will be imbedded in this course.

Bridge to Algebra II

1 Trimester

Math Elective

The bridge course will review last year's math skills and concepts in order to increase their success in T2 and T3. This will only be offered first trimester. This is a required course.

Algebra II

2 Trimesters

Math Credit

Algebra II is the second year of beginning algebra. This class will study, in more depth, the topics of Algebra I, as well as new material involving quadratics and other polynomial functions. This is a proficiency based class and all must be met to move on to the next class. Applications of mathematics, an elective, with an emphasis on probability as it relates to game and financial theory is imbedded in this class as well. Algebra II will help you prepare for taking the SAT and /or ACT tests. This classes is a requirement for entrance in a 4-year college and will prepare you for higher math classes such as pre-calculus.

Bridge to Pre- Calculus

1 Trimester

Math Elective

The bridge course will review last year's math skills and concepts in order to increase their success in T2 and T3. This will only be offered first trimester. This is a required course.

Pre-Calculus

2 Trimesters

(College Credit Available)

Math Credit

Prerequisite: C or better in Algebra II & completion of Bridge to Pre-Calculus

The purpose of this course is to prepare students for Advance Placement Calculus or a college calculus course. The course includes an in-depth analysis of graphing polynomials and problem solving involving logarithmic and exponential functions. A thorough study of trigonometry is provided, using both degree and radian measures. Students also work with polar coordinates, conic sections, vectors, and determinants. This course concludes with a brief introduction to calculus. Successful completion of this course prepares students for AP Calculus while helping students prepare for college and entrance state exams.

Business Consumer Mathematics

2 Trimesters

(Not accepted by 4-year universities or NCAA)

Math Credit

Prerequisite: Teacher or administrative approval to join the class.

Can be used to fulfill third year math requirements for graduation



AP Calculus

Year Long

(College Credit Available)

Math Credit

Prerequisite: Pre-Calculus (grade A or B) or teacher or principal approval

The primary purpose of this course is to equip the advanced math student with the proper skills necessary for future college level math courses. In addition, the student has the opportunity to gain college credit in calculus by buying credit for Calculus I from Southern Oregon University or taking the Advanced Placement Calculus exam in the spring.

Statistics/ Probability

Year Long

(College Credit Available)

Math Credit

Students can earn Math 243 Intro to Statistical Methods college credits.

AP Statistics

Year Long

(College Credit Available)

Math Credit

English

English requirements for graduation—8 credits

College bound/NCAA recommendation—8 credits

TISS (Team Integrated English and Social Science)

Year Long

Grades 9, 10

Periods 1/2 or 4/5

English & Social Studies Credits

The content studied is organized into thematic units that explore key issues, both historical and current, in world and US history. Students focus on meeting standards in reading, writing, speaking, and the social sciences while engaging in various high-interest projects and activities. A special focus is placed on making students proficient writers in both English and social science content areas by the end of the two-year program. During the spring of the sophomore year, students will have an opportunity to expand their studies from the class in an optional culminating trip to Washington DC and New York. Freshman Focus (an elective), Critical Film Analysis (elective), and Health 1 will be part of Freshman TIESS block. The Sophomore TIESS block will include Exploring the Health & Public Service Fields (elective).

English III (World Literature)

2 Trimesters

Grade 11

English Credit

Students will study selected works by authors from across the globe. They will bolster their knowledge and use of literary devices and elements to improve their skills in literary critique and analysis. Students will refine and expand their abilities in narrative, expository writing, and argumentative writing.

English IV (American Literature)

Year Long

Grade 12

English Credit

In this companion course to Senior Seminar, seniors will study selected works of American writers, both contemporary and classic literature. They improve their skills in literary critique and analysis. Major emphasis on writing (creative, narrative, argumentative, and research writing) and public speaking (including debates, Socratic seminars, philosophical chairs discussions, and formal and informal presentations) will prepare students for post-secondary education. Lit 104/105 Intro to Literature available. Students are required to take the trimester 2 Public Speaking elective course as part of this series.



AP English Language & Composition
Year Long Grades 11, 12

AP English Credit
(College Credit Available)

AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. In other words, AP Language and Composition is a writing course that will teach you how to use structure and style to write effectively. This course, designed for juniors and seniors with a strong interest and ability in literature and writing, includes college-level activities in reading, writing, note-taking, and discussion. Students enrolled should have superior abilities in these areas, as well as the ability to work independently on long-range projects and the ability to handle a heavy workload. Students are required to take the trimester two AP elective credit as part of this series.

AP English Literature & Composition
Year Long Grades 11, 12

English Credit
(College Credit Available)

This course, designed for seniors with a strong interest and ability in literature and writing, includes college-level activities in reading, writing, note-taking and discussion. Students enrolled should have superior abilities in these areas, as well as the ability to work independently on long-range projects and the ability to handle a heavy work load. Opportunities exist for the students to earn college credit through one of three options: the College Board’s AP Exam, College Now credit (dual enrollment) through Rogue Community College, and Advanced Southern Credit through Southern Oregon University. **Students are required to take the trimester two AP elective credit as part of this series.**

Social Science

Social Science requirements for graduation—6 credits
College bound/NCAA recommendation—8 credits

Financial Literacy
1 Trimester

Required Grade 11

Social Science

This course is a comprehensive study of personal financial literacy designed for helping students transition into financially independent living post-high school. Students learn how to make informed financial decisions related to budgeting, banking, credit, insurance, taxes, and career exploration. An integral component of the financial literacy curriculum is the application of decision-making skills that enables students to become more responsible consumers for lifetime success.

Global Studies

1 Trimester

Grades 11, 12

Social Science Credit

Trimester 1 – Middle East, Latin America | Trimester 2- Modern China, Africa, Eastern Europe

In this course, students will identify and analyze a variety of issues, events, causes, systems, and organizations that impact our global community. Students will discuss historical trends and debate future outcomes regarding topics like globalization, modernization, religious, cultural, and political conflict, human geography and population trends, displacement, poverty, resource management, and other world issues. The aim of this course is to expose students to important issues with the purpose of helping them develop global perspective and awareness. Coursework will offer students’ opportunities to explore global issues and consider ways that they can make a global impact locally.



Senior Seminar

2 Trimesters

Required Grade 12

1 Elective Credit + 1 Gov't./Econ. Credit

This course meets state standards for Economics and Government. Students will learn the basic principles of economics and utilize them to analyze real-world situations. The class will compare different forms of government and focus on the workings of American government at the federal, state, and local levels. Senior Seminar includes the senior internship experience and includes the senior project requirements. The cumulating Be the Change project will require seniors to apply the skills they have learned in high school to design and complete a hands-on community service project that will benefit those in our community.

Using current events, this elective course focuses on world and local issues that affect students' everyday lives, such as economics, environment, government issues and global discourse. This course uses newspapers, student news broadcasts, online media, cartoons, and op-ed pieces, and podcasts to support class discussion. Additionally, students participate in group projects, presentations and work with primary source materials and opinion pieces in order to better understand the world around them.

AP US History

Year Long

Grades 11, 12

Alternating Years 2020-2021

Social Studies/Elective Credit Credit

This course will take students on a chronological exploration of the pivotal events, eras, and people who have had a hand in shaping the history of the United States. This college-level course will challenge learners to develop and utilize skills in historical analysis in order to identify themes in American history, interpret primary-source documents, and engage in argumentative and research-based writing. The course will span nine distinct time-periods, beginning in 1491 and concluding with the dawn of the 21st century. Within and across each epoch, students will learn about: American and national identity; work, exchange, and technology; geography and the environment; migration and settlements; politics and power; America in the world; American and regional culture; and social structures. Students may earn up to eight college credits in this course through either completing and passing the AP U.S. History Exam, and/or purchasing college credits through Southern Oregon University.

AP Psychology

Year Long

Grades 11, 12

Alternating Years 2021-2022

Social Studies/Elective/Health II Credit

This course is equivalent to a college level introductory psychology course. Students may receive college credits from SOU or take the Advanced Placement Psychology exam in the spring. This course is designed for students who have strong interest in understanding human behavior. By taking this class, students will be prepared to think critically, understand and implement scientific method, and examine the reasons for human behavior. Areas covered in this course are research methods, biological basis of behavior, sensation and perception, states of consciousness (sleep, hypnosis, and drug involvement), learning, motivation and emotions, development, personality, abnormal behavior and its treatment, and group dynamics. (Students may earn 8 credits from SOU). This course waives the Health 2 requirement if the student passes.

Intro to Law

1 Trimester

Grades 9 – 12

Social Science Elective

This class is designed to introduce students into the field of law. Fundamentals of law (both national and international), case studies and application of law will be emphasized. There will be a heavy focus on class discussions and projects with public speaking and research skills. This class is designed as a prerequisite for Mock Trial.



General Psychology

1 Trimester

Grades 10, 11, 12

Social Science Elective

This course is designed to introduce students to psychology and the "whys" of behavior. Topics to be studied will be motivation and emotion, social psychology (group behavior), cultural diversity, learning and memory, sleep and dreams, personality and psychological disorders. This class is for elective credit and will be offered in 2020-2021.

Physical Education

(2 PE credits are required for graduation but more may be taken as elective credit)

Core Fitness

Trimester

Grades 9-12

P.E. Elective Credit

This class is designed to introduce students to basics of weight training, core strength training, and form running and conditioning. Class emphasis is on a healthy life-style and proper fundamental techniques in lifting and spotting. Activities include core strength training, weight-lifting, flexibility and plyometrics. Skills are applicable to both male and female athletes. This course is also recommended for athletes who cannot, or prefer not to, take Early Bird Strength & Speed.

Physical Education

Trimester

Grades 9-12

P.E. Elective Credit

The physical education classes in CAHPS focus on participation in competitive game activities. Activities offered are ultimate Frisbee, indoor and outdoor soccer, flag football, various kick-ball games, dodge ball, badminton, volleyball, basketball, mat-games, etc. This class stresses team-work and a competitive atmosphere.

Body Toning

Trimester

Grades 9-12

P.E. Elective Credit

This class will focus on using stretching, free weights, core strengthening, walking/running and yoga to assist students in finding life-long fitness. Students will focus on an individual fitness program and will work at their own pace to increase their physical fitness. Students will be expected to improve on their fitness by pushing their fitness ability on a daily basis. This class is a non-game playing class.

Health & Public Service-Themed Courses

Health requirements for graduation—2 credits

Health I

1 Trimester

Grades 10 – 12

Physical Health Credit

(Physical Health) focuses on the important changes students face in high school. Students will learn about their own personal health; how to manage their time, stress, good decision making skills, and reinforce the "think twice"



campaign with social media. Health 1 will guide students into developing good nutritional habits and maintaining appropriate personalized fitness levels to fit their own needs. This course will stress the importance of prevention and will bring awareness about the dangers of drugs and alcohol; MADD. Starting in 2019, all freshmen will take Health 1 as part of their TIESS class.

Health II

1 trimester

Grades 10-12

Mental Health Credit

(Mental Health) is designed to help students learn about their changing bodies. Students will also learn how to sort out emotions, cope with stress, and make positive personal decisions; how to maintain optimum health as a lifelong process, and how to take responsibility for making healthy decisions. Health is all about the student. Topics will include real-life situations for teens. Units will include; Mental Health, sexuality - STIs, healthy and unhealthy relationships, smoking/drugs/alcohol, understanding the dangers of substance abuse, and proper nutrition.

First Aid

1 Trimester

Grades 9–12

**CTA/Elective Credit
(KCC College Credit Available)**

First Aid/CPR is a class divided into the following two portions:

First Aid Portion

The Heartsaver First Aid portion of this course will train students in basic first aid techniques. They will learn to assess and treat injuries and conditions caused by accidents, disasters and other medical emergencies. Students will also learn to recognize the signs and symptoms of heart, breathing and sudden health problems. These skills will be of use at work, in sports, at home and wherever the students may be, for themselves and for others. Basic CPR techniques and artificial ventilation will be practiced on mannequins. Assessment, bandaging, and splinting will be practiced on fellow students. (Students can earn HE 112 First Aid Credits).

CPR Portion

The CPR portion of the course is officially called Basic Life Support (BLS) for Healthcare Providers. It provides advanced CPR training beyond the basic CPR techniques taught in the Heartsaver First Aid class. BLS teaches one- and two-person CPR for adults, children, and infants. It also addresses choking-related emergencies and the use of Automated External Defibrillators (AEDs). (Students can earn HE 261 CPR Credits).

Medical Terminology

Trimester

Grades 10-12

Elective Credit

This course will provide students with foundational knowledge needed in the medical field. Students will learn common prefixes, suffixes, and word roots as well as abbreviations. Students will be able to define directional terms and anatomic planes of the body. As well, as identify selected body systems structures. This course is for students interested in going into any medical profession or health care system.

Mock Trial

Trimester

Grades 9-12

Elective Credit

Prerequisite: C or better in Introduction to Law or instructor permission

This class is designed to educate and train students for the regional and state Mock Trial competitions. The class will research relevant cases and prepare to relate to regional/state cases. Public speaking, research and problem-solving will be emphasized. Students who take this class need to be aware that time outside of the normal school day will be required. All students need to be aware that they will be required to be present and participate in the regional and state Mock Trial competitions. May be taken more than once for credit.



AP Psychology

Year Long **Grades 11, 12** **Alternating Years 2019-2020** **Social Studies/Elective Credit Health II Credit**

This course is equivalent to a college level introductory psychology course. Students may receive college credits from SOU or take the Advanced Placement Psychology exam in the spring. This course is designed for students who have strong interest in understanding human behavior. By taking this class, students will be prepared to think critically, understand and implement scientific method, and examine the reasons for human behavior. Areas covered in this course are research methods, biological basis of behavior, sensation and perception, states of consciousness (sleep, hypnosis, and drug involvement), learning, motivation and emotions, development, personality, abnormal behavior and its treatment, and group dynamics. (Students may earn 8 credits from SOU). This course waives the Health 2 requirement if the student passes.

Peer Teacher

Trimester (may be taken more than once for credit) **Grades 11-12** **Elective Credit**
By Application Only

The peer teaching program is intended to offer CAHPS upper class students the opportunity to get some real teaching experience, working closely with a CAHPS teacher mentor, assisting them with delivery of classroom instruction. CAHPS had peer teachers supporting Algebra I, Geometry, TIESS, Spanish, Steps Science Classes, AVID, and our Modified Diploma classrooms. In math classrooms, peer teachers helped develop materials for class projects and activities and assisted students in understanding math during in-class work time. In our Modified Diploma program, peer teachers have assisted in reading, writing, math and transitional skills instruction. For more details, pick up an application packet at the CAHPS office. By teacher and administrator approval only.

General Electives

Elective Credits Required for Graduation—12
Career, Technical, Art Credits Required for Graduation--6

Art 1 & 2

1 Trimester **Grades 9-12** **CTA Credit** **CTA/Elective Credit**

Art will focus on drawing skills and basic fundamentals of art. A multi-media art class will expose students to a wide range of art projects using a variety of art materials. Projects include drawing & design, painting & color theory using a variety of materials such as: pencil, pen, charcoal, pastels, markers, colored pencils, paint, watercolor and recycled materials. Assignments may include: logo design portfolio, key chain still life with multiple art materials, movable 'famous' paintings, Northwestern Indian linoleum printing, and geometric color wheel designs. Each class will have different projects—they do not need to be taken in sequence.

Creative Art & Sculpture 1 & 2

1 Trimester **Grades 9-12** **CTA/Elective Credit**

This is a hands-on class which builds students' creative and artistic 3-D skills through projects ranging from 3D drawing and color theory, papier mache, logo design, ceramic masks, and wire and recycled material sculptures. Projects will vary each trimester.



Digital Drawing / Adobe Illustrator

1 Trimester Grades 9-12

CTA /Elective Credit

Intro to the basics of digital illustration working with both vector graphics and photo editing. Create digitized graphic elements such as image header, sidebar, banner, logo, and other elements commonly used in design. Focuses mainly on Adobe Digital Illustrator.

Advanced Adobe Design

1 Trimester Grades 9-12

CTA /Elective Credit

Pre-requisite: Digital Drawing or Admin Permission

Advanced level course exploring all features in the Adobe Suite that you can use to showcase your creativity. InDesign allows you to integrate Photoshop and Illustrator artwork into your documents, creating interactive PDFs. Learn how to bring your creations to life with animation using After Effects and Animate. Finally, showcase your skills by creating and publishing a professional quality website freely, without the constraints of other web design programs--no coding required--using Muse. Advanced students will work with instructor to develop and pursue independent projects tailored to student interests and skill sets. Experience working with Adobe Photoshop and Adobe Illustrator is required. Students can retake this course.

Introduction to the Video Design

1 Trimester Grades 9-12

CTA /Elective Credit

Everyone has a story to tell, including you. This course is designed to introduce students to video production, including pre-production (planning), production (capturing video outside of class and in-class using our new green screen studio), and post production (editing, adjusting color, refining audio, ect.) In this introductory course you will learn how to use video editing programs like Adobe Premiere Pro, the industry standard in production and post production. This is used by filmmakers, videographers, Youtubers, and more. You will also be introduced to After Effects, which will allow you to add animation. This program helps you take any idea and make it move; you can start a fire, make it rain, or animate a logo or character.

No prerequisite

Programming with Pi: An introduction to the Raspberry Pi mini-computer

1 Trimester Grades 9-12

CTA/Elective Credit

This is an introductory course that explores the Raspberry Pi credit card sized computer. In this class, you will learn about programming by working with the Raspberry Pi board. You will learn how to connect accessories, navigate the software, how to program in Python, how to make music, and best of all, how to hack Minecraft! You will do programming exercises, be introduced to multiple programming languages, and build simple circuits. This class culminates with a final project that is designed by the student in partnership with instructor. Explore the world of digital possibilities! Any class may be repeated for intermediate and advanced programming credit.

Intermediate/Advanced Programming credit available during the same course.

Digital Photography 1 & 2

1 Trimester Grades 9-12

CTA/Elective Credit

This course will focus on basic skills and fundamentals of digital photography. Students will learn how to use digital cameras, develop an understanding of photographic composition, and learn necessary technology skills for digital



cameras and for saving work, along with an understanding of Photo Elements computer program. Advanced students who show mastery of Photo Elements can choose to use Photoshop CS4. Projects include photographic elements of art, abstract faces, panoramic collage and macro images.

Digital Journalism

1 Trimester Grades 10-12

CTA/Elective Credit

The goal of this course is to bring out the teenagers' perspective to reporting, so they can bring new dimensions that traditional journalists can't. By researching prominent people, visible leaders, politicians, executives, athletes and artists, as well as controversial events, students will learn communication skills, self-confidence, teamwork, and a broader world view – based on informed, respectful and authentic relationships. Students will develop an understanding of the importance of journalism in a democratic society while learning about various news styles, accurate reporting skills, and journalism ethics and regulations. They'll have the ability to share their voice on a range of issues that are of personal interest to them and publish online, including local events like film festivals, music events, and other high-profile activities in the valley. Alternating years 2020-2021.

Graphic Design for the Web

1 Trimester Grades 9-12

CTA/Elective Credit

Intermediate level course focused on creating web based graphics. Use Adobe Illustrator and Adobe Photoshop for graphics production and image editing for the purpose of publishing to the web. Create logos, icons, buttons, headers, splash screens, infographics, vector graphics, bitmap images, and professional quality photos. Experience working with Adobe Photoshop and Adobe Illustrator is helpful but not required. Students can retake this course.

Speech & Debate (all access Period 1)

1 Trimester Grades 9-12

Elective Credit

Speech & Debate is a semester long course designed to help students develop public speaking, research, critical thinking and analytical skills along with logic and impromptu speaking techniques to defend opposing sides of social issues. Students will be expected to spend time after school hours, in community libraries or on the internet researching for presentation and debates. Students are expected to participate in speaking competitions outside of school.

Chamber Choir (All Access)

Year Long Grades 9-12

CTA/Elective Credit

Chamber Choir is an audition choir for experienced singers. The Chamber Choir's repertoire is highly varied in style and genre. The group sings at concerts, luncheons, parties and civic events. Email: Catherine.barber@district6.org for information on auditions.

Wind Ensemble (All Access)

Year Long Grades 9-12

CTA/Elective Credit

Wind Ensemble can be taken by instructor approval only. It is open to students with previous experience in Band. A variety of music will be selected for performances throughout the year. Members of the Wind Ensemble are also encouraged, but not required, to participate in the Marching Band and Basketball Band. Email: bryan.burkett@district6.org for more information.



EB Jazz Ensemble (All Access)

Year Long Grades 9-12

CTA/Elective Credit

Jazz Ensemble can be taken by instructor approval only. It is open to specific instrumentation: saxophones, trumpets, trombones, drum set, bass, guitar, piano and vocal soloists. A variety of music will be selected for performances throughout the year.

Introduction to Agriculture (All access)

1 Trimester Grades 9-12

CTA/Elective Credit

This course is designed to introduce students in Agriculture Science and Technology to global agriculture, career development, leadership skills, personal development, and FFA. Students will develop agricultural science and technology skills in soils, plants, animals, foods, and development of a supervised agricultural experience. This course is an introduction to mass communication in agriculture history, including its role in society and natural science.

Introduction to Horticulture (All access)

1 Trimester Grades 9-12

CTA/Elective Credit

This course is designed to introduce students to horticultural sciences with emphasis on technical skills, entrepreneurship, and occupational opportunities. This course will help students meet requirements in reading. Offered during T2 only.

Introduction to Animal Science (All access)

1 Trimester Grades 9-12

CTA/Elective Credit

This class is an intro to plant and animal sciences with elements of biology alignment.

Horticulture and Plant Production (All access)

1 Trimester Grades 9-12

CTA/Elective Credit

Prerequisite: Intro to Horticulture

This is a laboratory-oriented course that introduces students to the various technical areas of the horticulture industry and prepares the students to perform horticulture-related skills. Subject matter areas include greenhouses and nursery crop production and landscaping. The course also includes information on career opportunities. This course will help students meet standards in reading. Offered during T3.

AG Power Technology

1 Trimester Grades 9-12

CTA/Elective Credit

This 50% theory, 50% lab course introduces students to the principles of the internal combustion engine. Students develop skills in mechanics, problem solving, and proper assembly techniques by performing numerous lab experiences as well as rebuilding a four-stroke engine. Students are encouraged to bring small engines from home to work on. This class will help students meet standards in



AG Mechanics

1 Trimester

Grades 10-12

CTA/Elective Credit

This course introduces advanced mechanical theory and skills to students. Instruction includes safety and selection of hand and power tools, electrical wiring techniques and practices, operation and use of advanced agriculture machinery, building and fence materials, concrete materials, hot and cold metal working tools, and maintenance of water and electrical systems. Students will be working with PVC, copper plumbing, and welding tools. Information on personal skill development and career exploration is included.

Welding 101

1 Trimester

Grades 10, 11, 12 or Principal approval

CTA/Elective Credit

American Welding Society certification levels G1 and G2 may be obtained upon completion of this one semester course in welding. Students will learn set-up and use of oxyacetylene equipment, arc welding equipment, and MIG welding equipment. The main focus of the class will be job entry level welding skills (\$8.00 fee required). This class will help students meet standards in reading.

Welding 201

1 Trimester

Grades 10, 11, 12

CTA/Elective Credit

Prerequisite: Welding 101

Vocational Agriculture Welding 102 is designed for students wishing to further their welding skills, with the possibility to build a small project (project approval required). Students are required to have taken Welding 101 and have successfully grasped beginning skills. Students with welding experience comparable to Crater course work may also enroll with instructor's permission. During this course, students will be working with technology very similar to the current industry with high quality equipment and some run by computers. This class will help students meet standards in reading and technology.

Metal Fabrication

1 Trimester

Grades 10-12

CTA/Elective Credit

Prerequisite: Welding 101 & 201

This course will enable students to take what they have learned in beginning welding and apply that knowledge to real life application. A student will develop skills in metal equipment assembly and joining processes. (\$8.00 fee required). This class will help students meet writing and math standards. May be taken more than once for credit.

Construction Technology

1 Trimester

Grades 10-12

CTA/Elective Credit

Students will learn how a building is constructed from the beginning planning to the the completion of roof and interior by studying the construction industry, methods used in construction, and taking part in planning, designing, and constructing a final project. Many hands-on activities will be incorporated to demonstrate and reinforce the lessons. *A class materials fee may be assigned.*



AG Facilities Management

1 Trimester

Grades 11, 12 or Instructor approval

CTA/Elective Credit

In this course, students will study and review many different agriculture facilities focusing on improving or rebuilding sites with or without any funds. Students will make goals for sites and facilities and organize and prioritize their needs. Students will utilize skills in communication, public relations, plant production, animal care and handling, mechanical, and construction at agriculture facilities. Facilities used include the classroom, the greenhouse, and the Land Lab.

Additional Course Options

Teacher Assistant

1 Trimester

Grades 11, 12 by teacher and SSC Approval

(Max of 2 elective credits for graduation may be earned)

CTA/Elective Credit

Library Assistant

1 Trimester

Grades 11, 12 by teacher and SSC Approval

(Max of 2 elective credits for graduation may be earned)

This will involve shelving books, processing new books and assisting in maintaining the library space.

CTA/Elective Credit

World Language

SPANISH

The Spanish program at CAHPS is a hands-on, kinesthetic, immersion classroom where students will build community by learning and using Spanish. Spanish language skills are built through positive, interactive, and communicative activities 100% in Spanish. All students, during their senior year, will have the opportunity to gain up to 20 college credits through SOU.

SPANISH I

2 Trimesters

Grades 10-12 (9th by permission from Principal)

CTA/Elective Credit

In Spanish 1, students will gain vocabulary and acquire language skills to communicate on topics of self, family, friends, and school. Students will learn to interact in the target language and build skills and basic vocabulary, while learning about Latin American culture and traditions. By the end of the second trimester of Spanish 1, students should be at a "Novice Mid" or "Novice High" Spanish proficiency level.

SPANISH II

2 Trimesters

Grades 10-12

CTA/Elective Credit

As in Spanish 1, language skills are built through positive, interactive, and communicative activities that are 100% in Spanish. Students will build on vocabulary acquired in Spanish I and acquire language skills to communicate on topics of school, community, culture, and current event. Students will interact in the target language and build skills to infer through misunderstandings and build basic vocabulary, while learning about Latin American culture and traditions. By the end of the second trimester of Spanish II, students should be at a "Novice High" or "Intermediate Low" proficiency level.



SPANISH III/IV (Spanish for Native Speakers)

2 Trimesters

Grades 11, 12

CTA/Elective Credit

At the more advanced levels, students will have higher demand on content and proficiency and be working towards increasing their quantity, variety, and quality of Spanish language skills. At the Spanish 3 and 4 levels, students will continue to build conversation skills to be able to communicate about world topics, express their opinions, discuss, and present. The classroom continues to be student-centered where the learners are the creators, doers, and teachers. Emphasis is placed on developing 21st century skills such as collaboration and cross-cultural skills in the modes of communication, practices, and perspectives. Spanish 3 students are expected to reach the Intermediate Low or Intermediate Mid proficiency level by the end of their second trimester. Spanish 4 students are expected to reach the Intermediate Mid proficiency level. All students, during their senior year, will have the opportunity to gain college credits through SOU.

CHINESE

The Chinese Program at Crater utilizes a hands-on, kinesthetic, interactive immersion approach. This is an all access program and runs on a semester schedule.

Chinese I Year Long

Grades 9-12

(All access)

CTA/Elective Credit

In Chinese 1, students will acquire basic Chinese language skills and vocabulary. Students will begin learning Chinese characters. Students will also learn about China and Chinese culture.

Chinese II Year Long

Grades 10-12

(All access)

CTA/Elective Credit

In Chinese 2, students will build on skills acquired in Chinese 1. Students will increase their Chinese vocabulary, their ability to read and write Chinese characters and in their ability to speak Chinese. Students will also continue to learn about China and Chinese culture.

Advanced Chinese III/IV Year Long

(All access)

CTA/Elective Credit

In the advanced Chinese classroom, students will work to increase the quality, quantity and variety of their Chinese language skills.

Academic Support Classes

Math Lab / CRR

1 Trimester

Grades 9 – 12

Elective Credit

Prerequisite: Teacher approval

This course is designed to support students who have not met state benchmarks in math and reading, which is a requirement for high school graduation. This course uses small class sizes and individual attention to help teachers assess, and students' self-assess, individual strengths and weaknesses. Participating students earn one elective credit. Students may repeat this course for credit.



Upperclassmen who need to complete online courses to meet graduation requirements can be enrolled in an Academic Lab course. The student is responsible for attending daily and completing his/her online curriculum.

Crater Campus Clubs/Organizations

2020/2021

Club	Advisor	Email
Academic Scavenger Hunt	Sean Warner	sean.warner@district6.org
Bowling Club	Matt King	spaman222@yahoo.com
Chess Club	John Lohman	john.lohman@district6.org
Color Guard	Oliver Perez	oly91732@yahoo.com
Community 101	Mike Rogan	mike.rogan@district6.org
Crater Event Committee (fka: Student Gov)	Allison Williams- BIS Kate Friendly-Mares- CAHPS TBD - CRA	allison.williams@district6.org kate.friendlyjones@district6.org
Crater Ultimate Frisbee	Mike Rogan	mike.rogan@district6.org
Creative Writing	Rosemary Smith	rosemary.smith@district6.org
DECA	Mike Rogan	mike.rogan@district6.org
Drama	Davey Kashuba	davey.kashuba@district6.org
Dungeons & Dragons	Billy King	billy.king@district6.org
Eco Club	Caroline Burdick	caroline.burdick@district6.org
Equestrian Club	Calista Jones	calista249@gmail.com
FFA	Bailey Corcoran Jim Miller	bailey.corcoran@district6.org james.miller@district6.org
Gender Sexuality Alliance	Caroline Burdick	caroline.burdick@district6.org
Hockey Club	Matt Dybala	craterhockey@icloud.com
Math Club	John Lohman	john.lohman@district6.org
National Honor Society	Katie Jensen	katie.jensen@district6.org
Ski Club	Gary King	gking541@charter.ney
Snowboard Club	Casey Cunningham	caseycunningham@gmail.com
Sparrow Club	Chris Arnold	chris.arnold@district6.org
T.A.G.	Student Service Coordinator	*See your individual school
Water Polo Club	Serena Hoke	medfordwaterpoloclub@gmail.com
World Travelers	Sarai Lacy	sarai.lacy@district6.org
Yearbook	Hayley Dixon	hayley.dixon@district6.org



Crater Campus Teams

2019/2020

Team	Advisor	Email
Band	Bryan Burkett	bryan.burkett@district6.org
Choir	Shayne Flock	shayne.flock@district6.org
Speech & Debate	Kristen Sullivan	kristen.sullivan@district6.org
Cheerleading	Wendy Schmidt	cratercheerleading@gmail.com
Football	Randy Waite	randy.waite@district6.org
Volleyball	Megan Dunn	megan.dunn@district6.org
Soccer- Boys	Jason Tester	jay.mx626@yahoo.com
Soccer-Girls	Bryton Kiger	bryton.kiger@district6.org
Cross Country	Justin Loftus	justin.loftus@district6.org
Basketball-Boys	Chris Schmerbach	chris.schmerbach@district6.org
Basketball-Girls	Scott Dippel	scott.dippel@district6.org
Swimming	TBD	
Wrestling	Greg Haga	gregory.haga@district6.org
Baseball	Jay Campbell	jay.campbell@district6.org
Softball	Chris Arnold	chris.arnold@district6.org
Track	Kierra Huggins	kierra.huggins@district6.org
Golf	Matt Deschamps	matt.deschamps@district6.org

It's a great day to be a Comet!

