



Caldera High
School

2021-2022

Curriculum Guide

Welcome to Caldera High School

Our Vision: Relevant and purposeful learning in a community where you belong.

People thrive when they feel connected and when they see purpose in the work they do. This guiding idea is at the heart of everything we do at Caldera. When we help learners find their purpose in a place where they feel they belong, we know that learning is enhanced. Relevant learning begins with a deep understanding of the content and a deep understanding of those we learn with.

As we prepare to help our students grow, support the families we serve, and empower our current and future staff, we will always lead with relationship building as the pathway to success.

We cannot wait to meet you!

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2021-2022

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FORECASTING PROCEDURES

This guide is designed to acquaint you with the program offerings, course descriptions and recommended pre-requisites of the subjects taught at Caldera High School. If used as a 'study guide' at home and in conjunction with a collaboration with your school counselor, this guide will give you an understanding of the courses available. **PLEASE BE ADVISED THAT ALL OFFERINGS ARE CONTINGENT UPON STAFFING AND ENROLLMENT.** Feel free to consult with your school counselor if there are any questions about the academic courses offered, their recommended pathways, possible sequences, credits necessary for graduation, and post high school plans.

Because the offering and staffing of many courses is critically dependent on the student requests made during spring registration, students will be expected to accept and complete the elective classes they are selecting. Prepare your schedule of courses carefully. Schedule changes after registration will be extremely difficult to make because courses are staffed based on student requests from forecasting.

USING THIS GUIDE

1. The Bend-La Pine School District requires that students earn 26 credits for a high school diploma. The schedule gives you the opportunity to take 7 credits each year for a total of 28 possible credits earned during a four-year course of study. This gives you plenty of room in your schedule for required and elective courses.
2. Make certain that you pay close attention to the graduation requirements outlined and explained on pages 5-7. Make a plan that includes all graduation requirements.
3. Courses are divided into two (2) types: required and elective. Required courses are those a student must pass in order to meet the State of Oregon and Bend-La Pine School District requirements for graduation. Elective classes are designed to build skills in areas of study that meet student needs for vocational and college admissions, as well as the pursuit of individual interests.
4. When selecting elective choices, students should consider elective subjects carefully and select alternative choices in case there is a conflict in your schedule, or in the event that we are unable to offer the course due to insufficient enrollment or resources.
5. You and your parent(s)/guardian(s) should review your career and academic four-year plan each term (examples can be found on the website), updating it as necessary. Part of this long-range planning may involve the selection of one or more areas that you have decided you would like to focus on.
6. Although certain courses are required, you will still need to read the course descriptions before filling out your course selection form. It is important that you select courses that meet your academic level, challenge your personal goals and satisfy graduation requirements.
7. Before you begin course selection, make certain you have both this Curriculum Guide and the course selection form specific to your grade level.
8. Courses will be offered based upon the availability of staff, budget and student enrollment.

CHS COUNSELORS

The school counseling team at Caldera High School is committed to provide a comprehensive, coordinated counseling program addressing the academic, college/career, and social/emotional development of all students. We strive to create a school climate which promotes academic excellence while encouraging a healthy balance of extracurricular exploration and personal growth. Students will have the opportunity to interact with their school counselor in both in large group and individual settings. Students who would like to connect with their counselor are encouraged to make an appointment to see them. They can make an appointment in the counseling office, by emailing their counselor or by using the counselor specific Appointlet link. The best way for parents to reach a counselor is via email.

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ACADEMIC DEFINITIONS & REGULATIONS

Credits - Credits are the units by which academic progress is measured. Credits are the units by which academic progress is measured. Students earn one-half (.5) credit for passing a one semester (18 week) class and one (1.0) credit for passing a full year (36 week) class. 26 credits are required for graduation in accordance with district graduation requirements, but students have the potential to earn 7 credits per year.

Academic Standing - Grade point average is computed on a 4 point scale with the following point values awarded per grade: A = 4, B = 3, C = 2, D = 1, and F = 0. AP classes are weighted. Weighted courses use a 5 point scale. Be advised: 4-year universities only accept credits with grades of C or higher.

ACADEMIC DEFINITIONS & REGULATIONS *continued*

Athletic/Activity Eligibility - To be eligible students must be enrolled in and pass 5 classes and earn 2.5 credits in the previous semester. In addition to this, the Bend-La Pine District also requires students to carry a 2.0 grade point average (GPA) each semester.

1. An eligible student must be enrolled full time and making satisfactory progress toward graduation.
 1. Full time status = enrolled in a minimum of 5 classes, attending regularly, and passing 5 courses equaling 2.5 credits in the previous semester.
 2. Satisfactory progress = a student making satisfactory progress towards graduation requirements by earning the minimum quantity of credits prior to the start of the specified school year (10th, 11th, or 12th grade benchmarks).
 3. Additionally Bend-La Pine Schools requires students to earn a minimum 2.0 G.P.A. in the previous semester.

Class Attendance - Regular attendance and punctuality are critical lifelong skills, which are emphasized at Caldera. Because performance in class through collaborative activities is an essential element of student learning and assessment and because students must be present to achieve these outcomes, student absences must be minimized.

Withdrawal from School - Students planning to transfer to another school must speak to the secretary in the Counseling Office. The secretary will issue a withdrawal form for the student to present to teachers (on the last day of attendance) in order to receive grades, return their iPad and textbooks. Transcripts will be sent to the student's new school at the new school's request. Withdrawing from school for any reason other than transferring to another school requires working with a counselor and/or administrator. State law prohibits students from leaving school before the age of 16. The Bend-La Pine School District is reluctant to grant releases to students who have not yet earned a high school diploma. All textbooks and school materials must be returned prior to withdrawal or you will be charged for them.

Additional Course Work / Credit Make Up - Failed courses can be recovered for credit through our online or offsite credit recovery course. Credits may also be earned through a recognized correspondence school, college/university, community college, accredited training institutions, work experience, training internships, and other approved off-campus experiences. All such courses must be from accredited institutions and approved by the counselor before enrolling.

Class Drop Policy Students who drop a class after ten days will receive an "F" grade for the semester unless there are extenuating circumstances and the drop is approved by the principal (see district policy). In special circumstances, students may drop a class after ten days and enroll in an equivalent online version of the class up to six weeks into the semester and receive a "W" grade for the dropped class instead of an "F". However, if the student fails to enroll in and complete the online class the "W" will be changed to "F". No incomplete will be given as a final grade. All incomplete grades will be changed to an "F" two weeks after the semester if the work has not been successfully completed. A student may repeat any course in which learning is sequential (i.e. world language or mathematics) in order to improve his/her knowledge when a grade of C, D or F has been earned. All grades will be recorded on the transcript and used in the GPA calculation. The higher grade earned will be used for required courses in each department. The lower grade will remain on the transcript and be counted as an elective.

Cross-Credit Courses No more than 1.0 math and/or science diploma credit can be met through district-approved cross-credit coursework. An approved cross-credit course can be applied to only on diploma subject category. Be advised, district-approved cross-credit coursework down not meet college entrance and NCAA core subject-area requirements. See a counselor for applicable courses and additional guidelines.

Alternative Learning Experiences for Credit Students may develop and propose learning experiences independent of the regular school curriculum. This proposal for alternative crediting shall be developed under the guidance of a supervising teacher endorsed and actively teaching in the subject area for which credit will be awarded. At the beginning of a term, the student shall present his/her proposal to a review committee consisting of the assistant-principal in charge of alternative credit options, the supervising teacher, the student's counselor, and other personnel as designated by the principal. This committee shall approve the proposal and award final credit and grade based on the student's submission of required documentation of performance. Conditions of Alternative Credit: 1. The alternative credit learning experience must be a part of the student's educational plan. 2. The proposal must include how the petitioning student will demonstrate district performance standards in the subject area requested. 3. Students are expected to enroll in a full schedule of classes. An approved alternative learning experience may be designated as an independent study and scheduled as a class period.

ACADEMIC DEFINITIONS & REGULATIONS *continued*

Teacher/Office Assistants and Academic Peer Tutors Students may select to be a teacher or office assistant, pending counselor and teacher approval. Teacher and office assistants are graded on a “Pass/No Pass” scale; GPA is not impacted. Offices and departments where a student may be an assistant include: Athletic Office, Attendance Office, Counseling Office, Custodial, Future Center, Library, and Main Office. Duties will vary depending on location. Students may additionally elect to be an academic peer tutor. As a peer tutor, students assist other students on a one-on-one or small group basis. To qualify, the student must have previously taken the course they will be peer tutoring in and received a “B” or better. Academic peer tutors receive a letter grade which impacts their GPA.

Drivers Education - High school credit is awarded for Drivers Education. Visit www.hddriversed.org or call 541-693-5699 for more information.

GRADUATION REQUIREMENTS

A student who successfully completes all requirements of the State of Oregon, the Bend-La Pine School District Board of Education, Caldera High School and who is in good disciplinary standing may participate in commencement exercises. The State of Oregon graduation requirements include three criteria. Students will meet these requirements as they participate in classes and work with counselors and other teachers/ advisors.

Graduation Requirements are:

1. Appropriate number of credits for diploma
2. Pass Essential Skills in Reading, Writing and Math
3. Complete Personalized Learning Requirements
 - Personalized Education Plan (Four-Year Plan)
 - Career Related Learning Experiences (Grad Packet)
 - Career Related Learning Essay (Grad Packet)

Minimum Graduation Requirements

As students plan their four-year course of studies they should keep in mind that the following requirements are minimums. For the majority of Caldera students, taking additional coursework to meet additional requirements of competitive colleges, universities, trade schools, work opportunities, and the military are an important consideration. Those students who are planning on attending college or other advanced educational opportunities should pursue challenging academic programs during their high school careers which often means taking more than the minimum required courses. In accordance with the State of Oregon, Bend-La Pine School District and Caldera High School, students graduating must complete the following requirements:

SUBJECT	CREDITS	SUBJECT	CREDITS	SUBJECT	CREDITS	Total Credit Requirements:
Language Arts	4.0	US History	1.0	Health 2	0.5	
Mathematics	3.0	Government	0.5	Physical Education	0.5	
Science	3.0	Social Studies	0.5	Career/Tech/Arts/2nd Language	3.0	
World Studies	1.0	Integrated Wellness	1.0	Other	8.0	

Honors Diploma*: The Bend-La Pine School District offers students the opportunity to earn an Honors Diploma. The Honors Diploma requires 27 credits with increased requirements in mathematics, science, and applied/fine arts. Students must also complete five capstone classes, three of which must be AP courses. Only students who earn an Honors Diploma will be considered for Valedictorian status. Those interested in pursuing the Honors Diploma should work with their counselor to put together their Academic Plan. **Students must declare this diploma and fill out an application before the start of the 2nd semester of their senior year. See your counselor for more info.*

Education Plan and Profile: Our Curriculum Guide has been designed as a tool to assist you in creating your overall four-year high school plan. A well thought-out plan will provide the best opportunity for success in high school, post-secondary education and in setting career goals. Your counselors and teacher advisors will assist you with regular updates and will encourage you to carefully select classes on the basis of your interests and aptitude.

Transcripts

Your transcript is the official documentation of all the credits you've earned while in high school. You'll need to send this to any colleges you choose to apply to and you could need it years after graduation for many different reasons. Therefore it's important that you make sure you have access to it before you graduate.

Bend-La Pine School District uses Parchment.com for all transcript requests. If you need a copy of your grades for insurance purposes, or want a copy for yourself to review, or want to send it to a college, you'll need to use Parchment. All students are sent an email to their school email address from Parchment.com which includes a registration link and makes it super easy to create your Parchment account. If you can't find that email, you can still go to Parchment.com and create an account. Be sure to use your full, legal name when creating your account or Parchment will not be able to match you to your transcript.

Which ever way you go about creating it **BE SURE TO MAKE SURE THE EMAIL ATTACHED TO YOUR ACCOUNT IS A PERSONAL EMAIL**. This is very important because once you graduate your school email will be deactivated and that will cause your Parchment account to not work any longer if that's the email attached to it.

ADVANCED PLACEMENT (AP) COURSES

The idea of AP: AP classes are the most rigorous courses of study we offer. These college-level offerings are tied to national curricula, require special teacher training, and culminate in an exam that when successfully passed may translate to a college credit. They offer consistently rich and challenging material, and require much from a student. In order to have a well-balanced student life, we would encourage you to talk with your counselor before taking more than 3 advanced classes at a time.

The AP Philosophy: Caldera High School is committed to the highest in academic excellence and provides this through our extensive AP offerings. We prepare students for the rigor of AP courses. Any student is welcome to challenge themselves with one of these courses. Our teaching staff and counselors will advise students as to the rigor in each course and the necessary discipline it takes to be successful in them.

AP Exams: The AP exams are held in May and costs are prescribed by the College Board but can be expected to be around \$93 each. Beyond the chance to possibly earn college credit, the test provides an objective measure of comparison to state national norms. Students choose whether or not they wish to take the exam provided through the AP course.

AP Courses Offerings 2021-2024:

- | | | | |
|---------------------|--------------------|---------------------|------------------------|
| • Art History | • Capstone Seminar | • Literature & Comp | • Statistics |
| • Art Studio | • Chemistry | • Physics 1 | • U.S. Gov. & Politics |
| • Biology | • French | • Physics 2 | • U.S. History |
| • Calculus | • Human Geography | • Psychology | • World History |
| • Capstone Research | • Language & Comp | • Spanish | |

Course Descriptions

ARTS: Performing and Visual

Mixed Choir (beginning)

Grade: 9-10 Credit: 1.0

Prerequisite: None

Have you always wanted to try singing in an ensemble but never actually forecasted for it? Then this beginning ensemble is geared towards 9th and 10th grade students who want to explore singing in a choir. No audition is necessary. Fundamentals of choral music, music reading, rehearsal etiquette and vocal technique are the focus of this course. Please note: All performances are required.

Concert Choir (intermediate)

Gr. ade: 9-10 Credit: 1.0

Prerequisite: None

This auditioned intermediate/advanced ensemble is geared toward students with choral experience. A wide variety of music is studied and performed. Advanced reading skills, vocal technique, and more difficult choral literature is explored in this course. Evening performances, assemblies, graduation, occasional traveling, and time outside of the school day for enriched activities are required. If you would like to submit an audition it can be done here

<https://forms.gle/aBPKWQHqZADYn59P8>

Band 1 (beginning)

Grade: 9-10 Credit 1.0

Prerequisite: None

This class will include the introduction to and fundamentals of band playing, including flute, clarinet, trumpet, and trombone. Students will learn to develop an appreciation of music, build skills for efficient practicing, follow a conductor, and increase music literacy - including music reading, recognizing articulations, recognizing musical styles, and understanding musical terms. Emphasis will also be placed on exposing each student to a variety of performing experiences and music in which to apply these skills. Some instruments are available through the school based on need. Since this is a performance-based class, students may be expected to attend concerts, possible morning/evening rehearsal/s, assemblies, and marching/pep band.

Concert Band (intermediate)

Grade: 9-10 Credit: 1.0

Prerequisite: None

This course is open to students of all grades and is an intermediate course for woodwind, brass and percussion students. The music encompasses a wide range of musical styles. A variety of experiences are available, including solo and ensembles as well as concert performances. Students are expected to participate in all group performances and activities.

Percussion

Grade: 9-10 Credit: 0.5

Prerequisite: None

This course will provide the student with an overview of basic technical and performance skills on all basic percussion instruments. Students will work daily on basic snare technique while working on drum line, percussion ensemble, and drum-set compositions. Students will explore timpani tuning and performance, as well as familiarizing themselves with mallet instruments. Advanced students will work on advanced projects.

Beginning Orchestra (beginning)

Grade: 9-10 Credit: 1.0

Prerequisite: None

Beginning Orchestra will introduce you to the high school orchestra program. You will study and perform all genres of music. Course activities will include listening, analysis, music reading, discussion, sectional rehearsals, performance, and technique development. This class emphasizes individual playing and music theory knowledge.

Please note: All performances are required.

Orchestra (intermediate)

Grade: 9-10 Credit: 1.0

Prerequisite: None

This auditioned orchestra is a course devoted to the study and performance of string and symphonic orchestra music. Baroque, classical, romantic, contemporary, and popular styles of music are studied and performed. Students participate in all group performances. Student purchase of a performance uniform is expected.

Guitar

Grade: 9-10 Credit: 0.5

Prerequisite: None

Students learn the basics of guitar playing, including reading music, classical technique (applied to any style of playing), and a variety of chords. A musical background helps, but is not required. Ideally students have access to a guitar to participate in this class.

History of Popular Music

Grade: 9-10 Credit: 0.5

Prerequisite: None

This class will focus on the chronological progression of Pop and rock music from the early 1950's to 2000's. Biweekly assignments consisting of 10 Study Questions, and search and define 25 key figures will be given to measure musical understanding.

Music Composition

Grade: 9-10 Credit: 0.5

Prerequisite: None

Time will be spent studying modern song writing, developing songwriting skills, using state of the art recording equipment, producing and mastering recordings, and creating opportunities for public performance in the community. Ensembles and solo artists performing any type of music are welcome to enroll. Ideally students signing up for this course will have some previous singing or instrumental experience.

Theatre Arts 1

Grade: 9-10 Credit: 0.5

Prerequisite: None

This course is an introduction into the art of theatre, including basic terminology, movement, voice, character, improvisation and scene work, play reading, as well as basics of costume, lighting and set design. Focus is on ensemble work, collaboration and risk-taking. Students also gain confidence in public speaking, reading and writing skills. Students that are both new to theatre and experienced will benefit from developing confidence being in front of an audience, honing performance skills and developing foundational knowledge and a common vocabulary for further theatre studies.

Technology for the Stage

Grade: 9-10 Credit: 0.5

Prerequisite: None

Have you ever wanted to learn the skills that would get you back stage to work with rock stars? Do you see that guy handing your favorite performing artist a guitar and wonder how can I get that job? In this course you will learn the basics of sound mixing, light design, video, and events management. Students will have the opportunity to test their new-found skills working on and running school functions including: assemblies, luncheons, concerts, plays and even graduation. One of the classroom goals is to have students intern with local professionals in the performance industries.

ARTS: Performing and Visual *continued*

Creativity Lab

Grade: 9-10 Credit: 0.5

Prerequisite: None

The Creativity Lab is a laboratory to explore your creative side! In this studio class you will learn about the behaviors that artists practice, foundational knowledge of the elements and principles of art, develop art skills and creative problem-solving, all while exploring a variety of mediums: drawing, painting, printmaking, sculpture, photography, mixed media, etc. This course is for any students interested in exploring art.

**Will be transcribed as Intro to Art on transcript.*

Drawing and Painting 1

Grade: 9-10 Credit: 0.5

Prerequisite: Intro to Art

This class is the next step in exploring 2D art. Various art mediums will be explored (painting, drawing, mixed media, printmaking), as well as skills and techniques. Students will build upon foundational knowledge of artistic behaviors and elements and principles. Art appreciation, history and artistic critical thinking will continue to be developed through this hands-on course.

Drawing and Painting 2

Grade: 10 Credit: 0.5

Prerequisite: Draw/Paint 1

In this course you will learn advanced drawing, painting, mixed media techniques. Students will build upon the knowledge that they have learned in previous classes to create more expressive and technically skilled works of art. Art appreciation, history and artistic critical thinking will continue to be developed.

Sculpture Lab

Grade: 9-10 Credit: 0.5

Prerequisite: None

The Sculpture Lab is a studio art class that offers students the opportunity to explore the three-dimensional side of visual arts. This course includes foundational knowledge of the elements & principles of art, development of critical thinking and artistic problem-solving, and the opportunity to explore a variety of materials: wire, wood, cardboard, concrete, clay, found/recycled objects, etc. Come learn how to turn your ideas into art!

**Will be transcribed as Sculpture 1 on the transcript.*

Ceramics 1

Grade: 9-10 Credit: 0.5

Prerequisite: None

Explore fundamental skills and tools used in Ceramics and the making of ceramic ware. A beginner to intermediate level course focusing on hand-building (pinch, coil, slab building), glaze application and firing. Historical and cultural perspectives of ceramics will be explored.

Ceramics 2

Grade: 10 Credit: 0.5

Prerequisite: Ceramics 1

Learn advanced ceramic techniques including the pottery wheel and three-dimensional forms while reinforcing the application of the elements and principles of art. Emphasis will be on individual development of techniques and expression of personal creative vision. Historical and cultural perspectives of ceramics will be further explored. May be repeated for credit.

Career Technical Education (CTE)

Business

Introduction to Business 1

Grade: 9-10 Credit: 0.5

Prerequisite: None

This is where you begin learning about the vast field of business. You will engage in hands-on projects and activities to learn about the basic concepts and principles of entrepreneurship, management, marketing, accounting, economics, business law, international business, and technology. Throughout the semester you will explore business trends, current events, and business occupations and career opportunities. The business world is where you'll put your education, skills, and knowledge to work! All students enrolled in Intro to Business 1 will be eligible for—and encouraged to participate in—FBLA.

Business 2

Grade: 10 Credit: 0.5

Prerequisite: Business 1

Learn the fundamentals of business management and leadership! This project-oriented course will focus on planning, organizing, directing, and controlling in the business environment. You will complete projects related to, and aligned with, FBLA competitive events, including web design, graphic design, presentations, video production, sales presentations, promotion projects, business publications, or other student-proposed leadership ideas. Working individually and in teams, you will develop skills in technical writing, time management, employability, and communications. You will complete at least one school or community service project, and you may have the opportunity to work in the student store or in other school-related business activities.

Social Media and Marketing

Grade: 9-10 Credit: 0.5

Prerequisite: None

Social media is a powerful tool for businesses and aspiring business owners. In this class, students will learn how to create and manage a safe and professional online presence by creating and posting school updates and by helping to brand the Caldera experience. Students will also connect with local leaders to see practical ways that social media supports their marketing experience.

Career Technical Education (CTE) *continued*

Engineering

Introduction to Engineering Design Grade: 9-10 Credit: 0.5
Prerequisite: None

Engineering (n) – the use of math and science to solve problems.... and to design super awesome stuff!

This course introduces students to the skills and foundations of engineering through hands-on projects and real-world application. Students will work both individually and in teams to design and create solutions to problems using a design process and a variety of skills and tools taught throughout this course including, hand sketching, 3D modeling software, prototyping, and the use of manufacturing equipment. This class is mega fun and fast paced, intended for anyone who wants to turn their ideas into reality and eventually build their own Iron Man suit* **2 university credits are available.**

*Disclaimer: students do not actually build an Iron Man suit in class.

Architecture and Construction Grade: 10 Credit: 1.0
Prerequisite: None

Want to learn how to design a building? Want to learn how to build a structure? Ever plan to own a home? If you answered "yes" to any of these questions, then this is the class for you. In this course, students will explore the principles and elements of architecture through the study of design and the development of their own custom projects using a variety of techniques and tools. Then head to the wood shop to learn how to build the things you design through the study and application of the construction practices and techniques of Central Oregon. This class is a lot of fun, VERY hands-on, and the perfect fit of anyone that interested in the vast fields of architecture, design, construction, civil engineering, and/or someone who wants to further understand how buildings are made.

PRINCIPLES OF ENGINEERING Grade: 10-12 Credit: 1
Prerequisite: None

Are you a Mark Rober fan? Don't know who Mark Rober is? Stop everything you are doing right now, go to Youtube and watch his videos (see link below). Mark has a knack for using engineering to solve life's most troubling problems such as: How do I stop squirrels from eating all my bird seed? Or, why don't I have an automatic snowball shooting device? In this class, students will answer some of these questions through the design and development of their own, unique inventions; all while learning about engineering through a makerspace pedagogy. Students will hone their skills with tools such as 3D printers, laser cutters,

CNC's, CAD, Arduinos, and much more. At the end of each project, a student will have an original invention of their own and will create a Youtube style video that tells the story of their project. This class is crazy awesome and is designed for anyone who wants to learn more about engineering through projects.

For more information of Mark Rober, go to:
https://www.youtube.com/channel/UCY1kMZp36IQSyNx_9h4mpCg

***Potential Dual credit available through COCC or Oregon Institute of Technology**

Woods and Construction

Introduction to Woodworking Grade: 9-12 Credit: 0.5
Prerequisite: None

This course introduces students to the basics of woodworking, introductory safety, measurement, machine processes, mass production, finishing methods, and furniture and cabinet making will be included. *Will be transcribed as Woodworking 1 on the transcript.

Architecture and Construction Grade: 10 Credit: 1.0
Prerequisite: None

Want to learn how to design a building? Want to learn how to build a structure? Ever plan to own a home? If you answered "yes" to any of these questions, then this is the class for you. In this course, students will explore the principles and elements of architecture through the study of design and the development of their own custom projects using a variety of techniques and tools. Then head to the wood shop to learn how to build the things you design through the study and application of the construction practices and techniques of Central Oregon. This class is a lot of fun, VERY hands-on, and the perfect fit of anyone that interested in the vast fields of architecture, design, construction, civil engineering, and/or someone who wants to further understand how buildings are made.

Etsy for the Wood Shop Grade: 10 Credit: 1.0
Prerequisite: Intro to Woodworking

Have you ever seen a crafted item either online or in a shop and wished you could make it? Well, this class is for you. In this course students will design, build, and learn how to market their item for the public. Explore your creativity, develop your skills in the shop, and learn about the business side of creative woodworking.

Career Technical Education (CTE) *continued*

Digital Arts

Introduction to Digital Design

Grade: 9-10 Credit: 0.5

Prerequisite: None

In this course, students will explore Graphics Arts, Photography, and Video Arts through the lens of storytelling. In addition, students will engage in both individual and group projects to showcase school and community wide events.

**Will be transcribed as Survey of Art Media on the transcript.*

Graphic Arts 1

Grade: 9-10 Credit: 0.5

Prerequisite: None

Do you like using computers? Do you like creating art? Learn basic elements and principles of design, Adobe Illustrator and Photoshop Basics, and apply your creative skills to both print and electronic media. Design logos, business cards, magazine covers, concert and movie posters. Make designs that will appear in a school publication. This course is required for Graphics 2 and for completion of the Graphic Arts Media Program of Study.

Graphic Arts 2

Grade: 10 Credit: 0.5

Prerequisite: Graphic Arts 1

Learn advanced graphic design with Photoshop, Illustrator and InDesign while building a college-level 2d design portfolio. This class will teach you the fundamentals of creating illustrations and graphics for commercial applications such as advertisements, books and magazines, graphic novels and comics, television and movies, gaming, technical manuals, and webpages. In this class we will use professional level computer programs like Photoshop to create, alter and compose images. Create package design, logos, stickers and other advertising materials while building a colleague portfolio. This course is required for completion of the Graphic Arts Media Program of Study.

Photography 1

Grade: 9-10 Credit: 0.5

Prerequisite: Digital Camera

Do you like taking photos? Want to improve your skills? Photography one will cover rules of composition and basic camera technique in digital photography. You will also learn about downloading and organizing photos, lighting, matting, and how to edit photos using the power of Photoshop. Build a website to display and share your work and receive. Instructor critiques on your work as well. **A digital camera will be provided by the teacher when needed.** This course is required for completion of the graphic arts and media program of study.

Photography 2

Grade: 10 Credit: 0.5

Prerequisite: Digital Camera & Photo 1

Continue exploring your passion for digital photography while building a college-level photography portfolio. Develop your skills and composition and explore industry inspired photoshoots to help or personal themes and photo essays and photography. You'll have further experience working in Photoshop and learning the basics of editing using Adobe camera raw. Building a website to display and show your work and receive peer and instructor critique on your work as well. **A digital camera will be provided by the teacher when needed.**

Video Arts 1

Grade 9-10 Credit 0.5

Prerequisite: None

This course is designed for students who would like to learn how to make professional-looking videos. Students will learn how to effectively plan a video production, shoot video and edit a final product. Students will use a full digital video production studio and learn skills on sound design and editing. This course is required for completion of the graphic arts program of study

Video Arts and Social Media

Grade 10 Credit 0.5

Prerequisite: Video Arts 1

Video storytelling may be your daily routine, but does it capture the Brand You? In this course, we will explore ways to promote our stories through social media and film. Students will learn from each other and connect with local industries who are working to create their brand to support the social media efforts of our new school.

**Will be transcribed as Video Arts 2 on transcript.*

Career Technical Education (CTE) *continued*

Health Sciences

Intro to Health Occupations

Grade: 9-10 Credit 0.5

Prerequisite: None

Health Occupations is a course designed to introduce students to concepts, techniques, and basic applications of the medical profession. Topics of study include: medical ethics, medical terminology, measuring and recording vital signs, basic anatomy, biomechanics and movement, treatment modalities, and also includes various speakers from the medical and health community who give firsthand knowledge of their craft.

Biotechnology

Grade: 10 Credit 1.0

Prerequisite: None

In this class you will develop an understanding of heredity at the molecular level and then use that understanding to explore and experience how it is applied in research and industry. Our study will be divided into contemporary topics in biology and biotechnology including microbiology, pathology, forensics and criminalistics, and genetic technologies. The focus will be on examination and understanding of various topics in the biotechnological world and the way the quality of life can be improved through modern biological techniques. With all the popularity and relation to biotechnology, forensic sciences will be another aspect of study. Finally, the students will also examine the ethical implications of these topics and technologies, studying their impact on their lives as well as society's in general.

Dual Immersion (DI)

Math

DI Integrated Math 1

Grade: 9 Credit 1.0

Prerequisite:

The following processes and skills are represented in Algebra 1: reviewing sets; introducing the language of algebra; reviewing the basic operations of rational numbers; solving linear equations and inequalities; performing the basic operation of polynomials; factoring polynomials; a review of basic operations with fractions; solving systems of linear equations in two variables; performing the four operations with radicals; exploration of quadratics, graphing and writing linear equations.

DI Integrated Math 2

Grade: 10 Credit 1.0

Prerequisite: Integrated Math 1

This course is a study of geometric figures and their properties through theorems and postulates. Throughout the course, a major emphasis is placed on inductive/deductive reasoning. Basic trigonometry, construction, parallel and perpendicular lines, area and volume, probability, circles and conics will also be covered in this class.

DI Algebra 2

Grade: 10 Credit 1.0

Prerequisite: Integrated Math 2

Topics to be covered in Algebra 2 will include linear functions and their graphs, systems of equations, quadratic and polynomial functions and their graphs, roots, radicals, rational expressions, logs, matrices, and exponential equations. Students successfully completing this course are eligible to enter Advanced Algebra 2.

Language Arts

DI Historia de las Americas

Grade: 9 Credit: 1.0

Prerequisite: None

This course will cover major developments in the region from about 1900 to 2000. Some of the units include; the emergence of America in world affairs, the Great Depression, WWII, and the Cold War and aftermath. In-depth study will come in the areas of political developments in the US after WWII (1945-1979), The Cold War and the Americas, and Civil Rights and social movements in the Americas. We will cover information from Canada, the United States and Central and South America.

Language Art

Lit & Comp 1

Grade: 9 Credit: 1.0

Prerequisite: None

This course emphasizes the major forms of literature: short story, drama, novel and nonfiction. Students study literature from various time periods, building writing and grammar skills and practicing the writing process. Writing focuses on meeting the Common Core State Standards. Students develop the reading and writing skills necessary to be successful in future English classes.

Lit & Comp 2

Grade: 10 Credit: 1.0

Prerequisite: Lit & Comp 1

This course covers a variety of genres in world literature. Students develop analytic and interpretive skills in reading, writing, and speaking, in addition to in-depth class discussions of the material. Students learn to do research, write various types of essays, and develop literary essays. Writing focuses on meeting the Common Core State Standards in persuasive and expository modes.

Caldera Seminar

Grade: 10 Credit: 1.0

Prerequisite: None

Seminar provides the opportunity to explore real-world issues through a variety of lenses and consider multiple points of view to develop deep understanding of complex issues and make connections between these issues and everyday life. Students read a wide variety of texts; listen to and view speeches, broadcasts, and personal accounts; and experience artistic and literary works to gain a rich appreciation and understanding of issues.

***Elective credit is given for this class.**

Yearbook

Grade: 10 Credit: 1.0

Prerequisite:

In this course, students will produce the school yearbook. Students are responsible for several areas of yearbook work including layout design, copywriting, copy editing, photography, and post-production photo editing. Yearbook requires attendance to many activities outside of the school day. These include sporting events, practices, BSH concerts, and club meetings. Students interested in a fast-paced, deadline-driven environment who are self-starters, very detail-oriented, and enjoy working with a team should take this class. ***Elective credit is given for this class.**

Math

Integrated Math 1

Grade: 9 Credit: 1.0

Prerequisite: None

The following processes and skills are represented in Algebra 1: reviewing sets; introducing the language of algebra; reviewing the basic operations of rational numbers; solving linear equations and inequalities; performing the basic operation of polynomials; factoring polynomials; a review of basic operations with fractions; solving systems of linear equations in two variables; performing the four operations with radicals; exploration of quadratics, graphing and writing linear equations.

Integrated Math 2

Grade: 9-10 Credit: 1.0

Prerequisite: Integrated Math 1

This course is a study of geometric figures and their properties through theorems and postulates. Throughout the course, a major emphasis is placed on inductive/deductive reasoning. Basic trigonometry, construction, parallel and perpendicular lines, area and volume, probability, circles and conics will also be covered in this class.

Algebra 2

Grade: 9-10 Credit: 1.0

Prerequisite: Integrated Math 2

Topics to be covered in Algebra 2 will include linear functions and their graphs, systems of equations, quadratic and polynomial functions and their graphs, roots, radicals, rational expressions, logs, matrices, and exponential equations. Students successfully completing this course are eligible to enter Advanced Algebra 2.

Pre-Calculus

Grade: 9-10 Credit: 1.0

Prerequisite: Algebra 2

The Precalculus course offers dual credit (high school and college credit simultaneously) with COCC's MTH 111 and 112 courses. The MTH 111 material is equivalent to college algebra which emphasizes descriptions of 12 parent functions and their transformations, solving complex algebraic equations, and their inverses. MTH 112 material is equivalent to college trigonometry with an emphasis on 6 trigonometric functions, analytic trigonometry, and trigonometric applications. This course is for the student planning to take Calculus. The course uses the 'rule of four,' which means that topics will be presented geometrically, numerically, algebraically and verbally. The Mathematical Practice Standards apply throughout this course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Other Electives

Principals of Leadership

Grade: 9-10 Credit: 0.5

Prerequisite: None

Students will demonstrate the ability to work as a team towards a common goal, use interpersonal and interpersonal skills effectively as well as the ability to develop a personal leadership philosophy. Students will gain knowledge in restorative justice and demonstrate the ability to apply non-violent communication skills in a variety of situations. Students will learn how to use restorative circles and peer mediation. Students will demonstrate the ability to use learned skills needed to effectively lead school-wide projects and events.

Leadership Council

Grade: 10 Credit: 1.0

Prerequisite: None

Students will demonstrate the ability to create and actualize a vision and mission statement focused on enhancing the high school experience for the entire student body. Based on skills learned in Student Leadership, students will dive deeper into restorative practices to effectively engage in topics of discussion around community building, racism, equity, culture, and trauma. In addition, students will analyze school culture and activities to increase engagement, diversity, and unity. Students in this class will be required to participate in activities outside the classroom and outside the school day.

**Will be transcribed as Leadership on transcript.*

Teacher Asst.

Grade: 10 Credit: 0.5

Prerequisite: None

Students may select to be a teacher or office assistant, pending counselor and teacher approval. Teacher and office assistants are graded on a "Pass/No Pass" scale; GPA is not impacted. Offices and departments where a student may be an assistant include: Athletic Office, Attendance Office, Counseling Office, Custodial, Future Center, Library, and Main Office. Duties will vary depending on location and teacher. Students may select to be a teacher or office assistant, pending counselor and teacher approval. Teacher and office assistants are graded on a "Pass/No Pass" scale; GPA is not impacted. Offices and departments where a student may be an assistant include: Athletic Office, Attendance Office, Counseling Office, Custodial, Future Center, Library, and Main Office. Duties will vary depending on location and teacher.

Caldera Seminar

Grade: 10 Credit: 1.0

Prerequisite: None

Seminar provides the opportunity to explore real-world issues through a variety of lenses and consider multiple points of view to develop deep understanding of complex issues and make connections between these issues and everyday life. Students read a wide variety of texts; listen to and view speeches, broadcasts, and personal accounts; and experience artistic and literary works to gain a rich appreciation and understanding of issues.

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Yearbook

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Peer Mentor

Grade: 10 Credit 0.5

Prerequisite: None

Students will support their peers as they navigate the transition to Caldera and continue through their high school journey. Students will demonstrate leadership skills by working, both as a team and independently, to create and implement plans to assist students in social, learning, and community environments. Students will act professionally by modeling appropriate behavior, social, and communication skills.

Advisory

Grades: 9-10

We believe students receive greater individual attention and security within smaller learning communities; therefore, our Advisory program ensures that each Caldera High School student remains with one advisor, and one group of students, for the majority of their time at Caldera High School. Students meet in their advisory four days a week during which students partake in our advisory curriculum, develop short-term and long-term goals and have a supplementary support system in school. In addition, students will receive important information in Advisory regarding campus events, discuss school-wide issues, and schedule their annual advisor/parent conferences. These conferences provide an opportunity for students to work individually with their advisors and their parents to establish their academic and personal goals and to plan their course work.

Science

NGSS Physics

Grade: 9 Credit: 1.0

Prerequisite: None

This 9th grade physics course provides a rigorous and relevant curriculum that addresses Disciplinary Core Ideas and Crosscutting Concepts through the Science and Engineering Practices from the Next Generation Science Standards. This course is centered on the Core Ideas of Motion, Stability, Waves, Energy, and Earth's Place in the Universe. The Crosscutting Concepts of Patterns and Cause and Effect will be emphasized while engaging in all of the Science and Engineering Practices. Through hands-on experiences, computational thinking, technology, discussions, texts, and writing, students will explore the following topics: Patterns, Inquiry, Velocity, Acceleration, Forces, Energy, Waves, Electricity, Magnetism, Power Production, Climate Science, and Gravity.

NGSS Chemistry

Grade: 10 Credit 1.0

Prerequisite: None

This 10th grade course provides a rigorous and relevant curriculum that addresses Disciplinary Core Ideas and Crosscutting Concepts through the Science and Engineering Practices from the Next Generation Science Standards. This course is centered on the Core Ideas of Matter and its Interactions, Energy, Earth's Systems, and Weather and Climate. The Crosscutting Concepts of Patterns and Energy and Matter will be emphasized while engaging in all of the Science and Engineering Practices. Through hands-on experiences, critical thinking, data analysis, and argumentation from evidence, students will explore topics such as: Kinetic Molecular Theory, Elements, The Periodic Table, Bonding, Compounds, Nuclear Change, Chemical Reactions, Thermodynamics, Equilibrium, and Climate Chemistry.

Social Studies

AP Human Geography

Grade: 9-10 Credit: 1.0

Prerequisite: none

AP Human Geography is an exciting journey through the analysis of movement and change along human social factors and their interconnectedness. These human factors include: health, disease, population, globalization, migration, industrialization, employment, religion, culture, gender issues, and agriculture. The class includes a significant emphasis on the interpretation of chart, maps, and graphs.

AP World History

Grade: 10 Credit: 1.0

Prerequisite: Modern World History

The AP World History course focuses on developing students' understanding of world history from approximately 1200 C.E. to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. Students take notes on an average of 25-30 pages of reading a week, all writing is in class.

Wellness

Health 1

Grade: 9-10 Credit 0.5

Prerequisite: None

This an introductory course. It will challenge students to analyze current trends in many health related areas. Topics of study include: fitness and nutrition, domestic interactions, dealing with loss, alcohol and chemical dependency, tobacco, communicable disease, infectious disease, as well as motivational topics on success. Lectures, writings, video presentations, guest speakers, and community resources support the educational development and flow of the class.

Health 2

Grade: 10 Credit 0.5

Prerequisite: Health 1

Health 2 covers generally accepted health attitudes, judgments, knowledge and practices as related to mental health, physical fitness, wight control, nutrition, stress, personality, cancer and aging.

Weight Training

Grade: 9-10 Credit 0.5

Prerequisite: None

This course is designed as a general weight training course. Students will learn various weight lifting techniques that will improve strength, speed, endurance, flexibility, and overall fitness. Key lifetime fitness principles will be taught in order to develop goal-based individual weight lifting programs. There is no prerequisite and this class can be repeated.

Field and Court Sports

Grade: 9-10 Credit 0.5

Prerequisite: None

This class is designed for student exploration into skills and strategies of field and court sports. This course will include fundamental skill instruction and allow for implementation of those skills into competitive game and tournament settings. Sports may include, but are not limited to: basketball, flag football, soccer, ultimate, pickle-ball, badminton, and volleyball. This course will also include daily fitness activity.

*Will be transcribed as Court Sports on transcript.

Low Impact/Yoga

Grade: 9-10 Credit 0.5

Prerequisite: None

Designed for those students who prefer to participate in non-traditional PE courses. Students will take part in various low impact activities. Some examples to include walking, yoga, strength training, rowing machines, treadmills, and stationary bikes. Club fitness activities will be introduced. Positive health and fitness information will be stressed. May be repeated for credit.

World Languages

French 1

Grade: 9-10 Credit: 1.0

Prerequisite: None

In this course, students will be exposed to the cultures of various French-speaking countries. The four language skills; listening, speaking, reading and writing will be addressed, with more emphasis on listening and speaking. Students will learn to communicate at a novice level on topics such as family, home, sports, school and shopping.

French 2

Grade: 9-10 Credit: 1.0

Prerequisite: French 1

This course will include a review of material covered in French 1. It will aim at improving communication skills and will expand vocabulary and knowledge of structures and grammatical concepts on topics such as describing yourself and others, food, shopping, narrating in past tense, leisure activities and sports. Oral proficiency will be strongly emphasized. An expanded appreciation of the cultures of the French-speaking world will also be a focus of this class.

French 3

Grade: 9-10 Credit: 1.0

Prerequisite: French 2

By the end of this course students will be able to demonstrate comprehension of messages and authentic sources to gain information. They will communicate information and express ideas in a written form for a variety of audiences and purposes. They will express ideas, needs, emotions, likes, and dislikes, suggestions and opinions by initiating and engaging in conversations. Students will work towards increasing oral proficiency on topics such as travel, home and chores, describing people, telling about past events and plans for the future. Instruction in this class is conducted almost entirely in French and students are expected to communicate in French the majority of the time.

Spanish 1

Grade: 9-10 Credit: 1.0

Prerequisite: None

Students will practice the four language skills, listening, speaking, reading and writing, with more emphasis on listening and speaking. Students will be expected to communicate at a novice level on topics such as talking about yourself, your family, activities, school, community and food. Students will be exposed to the cultures of Spanish-speaking countries. Students who wish to complete the IB sequence need to start in Spanish 2 as freshmen (9th graders).

Spanish 2

Grade: 9-10 Credit: 1.0

Prerequisite: Spanish 1

This course will include a brief review of material covered in Spanish 1. It will aim at improving communication skills and will expand vocabulary and knowledge of structures and grammatical concepts on topics such as talking about your family and home, celebrations, clothing and shopping, travel and leisure. Students will work towards increasing oral proficiency. An expanded appreciation of the cultures of Spanish-speaking countries will be a focus of this class.

Spanish 3

Grade: 9-10 Credit: 1.0

Prerequisite: Spanish 2

Students will be able to demonstrate comprehension of messages and authentic sources to gain information. They will express ideas, needs, emotions, likes, and dislikes, suggestions and opinions by initiating and engaging in conversations, and writing for a variety of purposes and audiences. Students will work towards increasing oral and written proficiency on topics such as school and extracurricular activities, daily routine, travel, shopping, narration of past events, childhood and professions. Instruction in this class is conducted almost entirely in Spanish and students are expected to communicate in Spanish the majority of the time.

Spanish 4

Grade: 10 Credit: 1.0

Prerequisite: Spanish 3

Class will be conducted primarily in Spanish. Students will be involved in various tasks that will develop their oral and aural proficiency. Students will need to have strong independent study skills and be expected to participate fully in a bilingual classroom. Topics will include all content from Spanish 1-3 as well as outdoor adventures, the arts, personal health, occupations/careers, current events, future planning and goal setting. In addition, students will explore the history, culture and literature of the target language.

Chinese

Grade: 9-10 Credit: 1.0

Prerequisite: None

This course is an introduction to Mandarin Chinese, the official language of China. The emphasis will be on spoken Mandarin. Students will learn how to handle everyday situations, explain their life, family, interests, pastimes and more. Although oral communication will be our focus, learning to read and write simplified Chinese characters will also be an important part of the class. Together we will explore many interesting aspects of Chinese culture and history.



CALDERA

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GO WOLFPACK!!

Be sure to check out our website at
<https://www.bend.k12.or.us/caldera>

And follow us on Facebook!
