

# CURRICULUM GUIDE

**22/23**  
SCHOOL  
YEAR



Welcome to  
the Pack



# 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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# 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 (10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> 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](http://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
Language Arts	4.0	US History	1.0	Health 2	0.5
Mathematics	3.0	Government	0.5	Physical Education	1.0
Science	3.0	Social Studies	0.5	Career/Tech/Arts/2nd Language	3.0
World Studies	1.0	Health 1	0.5	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](https://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](https://parchment.com). 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 \$70 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 Studio        | • Capstone Seminar | • Literature & Comp | • Statistics           |
| • Biology           | • Chemistry        | • Physics 1         | • U.S. Gov. & Politics |
| • Calculus          | • French           | • Physics 2         | • U.S. History         |
| • Capstone Research | • Human Geography  | • Psychology        | • World History        |
|                     | • Language & Comp  | • Spanish           |                        |

# Course Descriptions

## ARTS: Performing

### Choir

#### Mixed Choir

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)

Grade: 9-12 Credit: 1.0

**Prerequisite:** Previous Choir Experience or Audition

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>

#### Vocal Jazz (Advanced)

Grade: 10-12 Credit: 1.0

**Prerequisite:** Audition - See Mr. MacSween

This choir consists of a limited number of singers (16-18), and 3-6 instrumentalists. Emphasis is on performance and competition throughout the NW. Due to the robust performance schedule, participation in other activities requires dedicated planning and is sometimes limited. Attendance at all performances is required.

**A uniform purchase is required.**

### Guitar/Music Comp

#### Guitar 1

Grade: 9-12 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.

#### Guitar 2

Grade: 9-12 Credit: 0.5

**Prerequisite:** Guitar 1

Guitar 2 is an extension of guitar 1. Students should be able to play all of the basic chords, convert tabs to notes and notes to tabs, play some basic scales, and read both tabs and chord charts. Students will have opportunities to study various genres and techniques in jazz, classical, rock, and blues style guitar playing.

#### Music Composition

Grade: 9-12 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.

### Orchestra

#### String Orchestra

Grade: 9-12 Credit: 1.0

**Prerequisite:** None

String 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, some music theory, and group rehearsals and performances. **Please note: All performances are required.**

#### Chamber Orchestra

Grade: 9-12 Credit: 1.0

**Prerequisite:** Audition - See Mrs. Simmons

This auditioned ensemble is a group devoted to the study and performance of a wide variety of music at an advanced skill level. Third position and vibrato development are expected. Evening performances, assemblies, graduation, competition, occasional traveling, and time outside of the school day expected. Attendance at all performances is required. **A uniform purchase is required**

### Band

#### Concert Band

Grade: 9-12 Credit: 1.0

**Prerequisite:** None

This class will continue to build on the fundamentals of playing a wind instrument learned in previous grades. Students that are new to band will have the opportunity to learn a wind instrument such as flute, clarinet, saxophone, trumpet, or 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 will be expected to attend concerts, possible morning/evening rehearsal/s, assemblies, and pep band.

#### Percussion Techniques

Grade: 9-12 Credit: 1.0

**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 techniques while working on drumline, percussion ensemble, and drum-set compositions. Students will explore timpani tuning and performance, as well as familiarize themselves with mallet instruments. Advanced students will work on advanced projects.

#### Wind Ensemble

Grade: 9-12 Credit: 1.0

**Prerequisite:** Audition

This course will encompass a wide range of musical styles with an emphasis on band literature of a high technical and musical level. A variety of other experiences are available including solo, ensembles, and honor bands. Students are expected to participate in all group performances and activities.

#### Jazz Band

Grade: 9-12 Credit: 1.0

**Prerequisite:** Audition

This performance group will give you the opportunity to perform various jazz styles such as swing, funk, and Latin music, with a focus on small groups and improvisation.



# ARTS: Performing *continued*

## Introduction to Dance

Grade: 9-12 Credit: 0.5

**Prerequisite:** None

This course is designed to give students training in various dance techniques, an understanding of the structure behind stage choreography, and an insight into the necessary showmanship and performance of that choreography. Students will explore various dance styles such as ballet, jazz, and tap through technical training and explore their historical context and artistic impact on the musical theatre genre. Throughout the semester, students will engage in comprehensive technique and training practices, movement analysis and anatomical study, as well as prepare performance pieces in a variety of dance styles and techniques of developing choreography.

## Musical Theatre 1

Grade: 9-12 Credit: 0.5

**Prerequisite:** None

This course is a semester long course that will give students the opportunity to learn about the triple threat craft of acting, singing, and dancing through the performance and study of Musical Theatre. Both theoretical and practical, this course serves as a broad overview of the history, styles, and works and most influential artists of the Musical Theatre genre. Students will be introduced to classical and belt style singing as well as various dance styles, including: ballet, tap, jazz, latin, and hip-hop. This course concludes in a Musical Theatre Revue Performance.

## Musical Theatre 2

Grade: 9-12 Credit: 0.5

**Prerequisite:** Musical Theatre 1

Musical Theatre 2 is a semester long course that builds upon the foundational work in Musical Theatre 1 to expand range in acting, singing, and dancing for the stage with a focus on audition and college preparation. Students will continue to build on dance skills in a variety of genres, learn how to create a professional self-tape audition, and curate a portfolio of song options suited to their vocal range. The course concludes with a Musical Theatre Revue performance.

## Theatre Arts 1

Grade: 9-12 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.

## Theatre Arts 2

Grade: 9-12 Credit: 0.5

**Prerequisite:** Theatre Arts 1

This course offers an in-depth study of character analysis and advanced work in both presentational and representational acting. You will be involved in situations that are designed to strengthen your creative abilities and increase your understanding of the dramatic process. This course emphasizes physical movement and expression while developing appropriate vocal and breath control.

## Technology for the Stage

Grade: 9-12 Credit: 0.5

**Prerequisite:** None

This semester long class gives students an overview of the design and practical skills of lighting design, sound design, properties creation, costume design, makeup design, and set design. Students will learn how to approach a script with an eye toward theatrical design, as well as apply skills through a variety of hands-on projects. It is highly recommended that students take Theatre 1 prior to Stagecraft classes, however this is not a prerequisite.

## Wolf PAC

Grade: 9-12 Credit: 0.5

**Prerequisite:** Theater Arts 1 OR Audition - See Mrs. Nickerson

This is a production class designed to give students hands-on experience with every aspect of putting together a production. Students will select the play or musical. Students will audition for specific roles in the show. Students will design the set, costumes, lighting, sound and makeup. Students rehearse their show during class time. The final product each semester will be a weekend of performances featuring the students' work in the Caldera Performing Arts Center.



# ARTS: Visual

## 3D Art

### Sculpture 1

Grade: 9-12 Credit: 0.5

**Prerequisite:** None

Sculpture 1 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!

### Ceramics 1

Grade: 9-12 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: 9-12 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.

## 2D Art

### Survey of Art Media

Grade: 9-12 Credit: 0.5

**Prerequisite:** None

Survey of Art Media 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.

### Drawing and Painting 1

Grade: 9-12 Credit: 0.5

**Prerequisite:** Survey of Art Media

This class is the next step in exploring 2D art. Various art mediums will be explored (painting, drawing, mixed media, printmaking), as well 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: 10-12 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.

### Advanced 2D Art

Grade: 10-12 Credit: 0.5

**Prerequisite:** Any two 2D classes or Meet with Teacher

Advanced 2D Art is for motivated art students who wish to continue exploring and developing their artistic style. This course is designed to transition students from fully teacher directed art assignments to student directed. Students will gradually take more responsibility for the decision making process in art making. They will be guided through prompts that help them to learn what motivates them as an artist and determine their preferred media, style and content, using 2D mediums (drawing, painting, printmaking, mixed media, etc) in traditional and nontraditional ways. Can be repeated for credit.

EXPLORE

Survey of Art  
Media

Drawing &  
Painting 1

Ceramics 1

Sculpture 1

ENGAGE

Drawing &  
Painting 2

Ceramics 2

Sculpture 2  
(coming 23/24)

APPLY

Advanced 2D Art / Advanced 3D Art (coming 23/24)

# Career Technical Education (CTE)

## Digital Arts

### Graphic Arts 1

Grade: 9-12 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: 10-12 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: 9-12 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: 10-12 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 - 12 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 & Social Media

Grade 10-11 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.*

EXPLORE

Graphic Arts 1

Photo 1

Video Arts 1

ENGAGE

Graphic Arts 2

Photo 2

Vid Art & Soc Med

APPLY

\*coming 23/24 school year

# Career Technical Education (CTE) *continued*

## Woods and Construction

### Woodworking 1

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.

### Woodworking 2

Grade: 10-12 Credit: 0.5

**Prerequisite:** Woodworking 1

Continuation of Woodworking 1 \*Full description coming soon

### Architecture and Construction (CEA) Grade: 10-12 Credit: 1.0

**Prerequisite:** Woods 1, IED or Meet with Teacher

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: 11-12 Credit: 1.0

**Prerequisite:** Woodworking 2

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.

EXPLORE

Woodworking 1

Woodworking 2

ENGAGE

Arch & Construction

Etsy for the Woodshop

APPLY

\*coming 23/24 school year

## Computer Science

### Computer Applications

Grade: 10-12 Credit: 0.5

**Prerequisite:** Intro to Business, Social Media Marketing, or HTR

This course provides hands-on experience with Microsoft Office software fundamentals, including Word, PowerPoint, Excel, and Access. Includes concepts of computer operations and literacy as well as insight into the broad impact of computers on today's society. Students should have a basic working knowledge of general computer use prior to enrollment.

### Exploring Computer Science

Grade: 9-12 Credit: 0.5

**Prerequisite:** None

This class is for everyone - no experience needed. Make web pages, design your own program, design and control devices, and learn what artificial intelligence is (and why you care). Understand how data is captured and used, how technology controls your life experience and influences society, and how to create new technology instead of being consumed by others' creations. Computer science is changing everything. Entertainment, medicine, transportation, public policy, agriculture, fashion, art, energy, society and design all rely on computer science. Come join us in being part of that change, and have fun doing it!

# Career Technical Education (CTE) *continued*

## Engineering

**Introduction to Engineering Design (IED).** Grade: 9-12 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\*.

**Dual credit available through COCC**

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

**Architecture and Construction (CEA)** Grade: 10-12 Credit: 1.0  
**Prerequisite:** Woods 1, IED or Meet with Teacher

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 (POE)** Grade: 10-12 Credit: 1.0  
**Prerequisite:** IED or Meet with Teacher

Want to be an engineer? Then Principles of Engineering (POE) is for you. This class will explore the vast field of engineering through a hands-on approach that follows a simple mantra: if we learn about it, then we will make it! We will study topics such as simple machines and trajectories by building and launching trebuchets, examine fluid power by constructing a hydraulic robotic arm, and learn about programming and electricity by making remote controlled cars. This class is a lot of fun and perfect for anyone eager to continue their engineering career and Caldera and beyond.

**Dual credit available through Oregon Tech**

**Maker Space** Grade: 10-12 Credit: 0.5  
**Prerequisite:** IED or Meet with Teacher

Manufacturing Tech 1 is an introduction to hand and power tool use. Students will build a strong foundation through required small projects. This class will provide basic understanding of designing, manufacturing, and joining materials. Students will apply basic math to calculate sizes, cuts, and material costs. Students are evaluated on completed projects, work ethic, and tests.

*\*Will be transcribed as Manufacturing 1 on transcript*

**Recreational Technologies: Trails** Grade: 11-12 Credit: 0.5  
**Prerequisite:** IED or Meet with Teacher

Do you own a bike? Do you like riding bikes? Want to learn how to maintain, fix, and upgrade your bike? Then this class is for you! Students will learn the foundational skills of bike service through hands-on learning activities. From changing a flat, to upgrading your suspension, to getting a job in a bike shop, we will cover it all.

**Recreational Technologies: Snow** Grade: 11-12 Credit: 0.5  
**Prerequisite:** IED or Meet with Teacher

Need a new pair of skis or a new snowboard? Have you ever wondered how companies like Burton and Solomon make the tools that go under your feet on the mountain? In this class, students will follow the engineering design process, to take their design from concept to completion, resulting in their very own and one of a kind set of downhill skis or snowboard. Students will do everything from designing in CAD, to selecting top sheet graphics, to shaping the core, to completing the final build. And of course, best of all, testing your prototype out!!!

EXPLORE

Introduction to Engineering Design

ENGAGE

Architecture &  
Construction

Principles of Engineering

Recreational Technologies

Maker Space  
(Manufacturing 1)

APPLY

\*coming 23/24 school year



# Career Technical Education (CTE) *continued*

## Business

### Introduction to Business 1

Grade: 9-12 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 DECA.

### Social Media and Marketing

Grade: 9-12 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. All students are eligible and encouraged to participate in DECA.

### Hospitality, Tourism, Recreation

Grade: 9-12 Credit: 0.5

**Prerequisite:** None

This course provides a general overview of hospitality management. It covers the growth and development, organization and structure, and all of the functional areas of the hospitality industry, including travel and tourism, lodging, food services, and recreation. Hospitality management has various objectives and functions that differ from one business to the next. Professionals in this field create and run many aspects of the guest experience. Hospitality management is a career path that typically falls under the hotels, resort, and lodging industry. This is a growing industry in Central Oregon.

### Marketing 1

Grade: 10-12 Credit: 0.5

**Prerequisite:** Intro to Business, Social Media Marketing, or HTR

Students will have hands-on experience by analyzing the elements of marketing and marketing strategy, stressing product development, policies, pricing strategies, promotion, distribution, international markets, and consumer behavior. Emphasis on the elements of the marketing mix and target markets for consumer and industrial markets. DECA membership is highly encouraged and will provide students with opportunities in leadership, professional development, community service, and competitive events. Marketing Principles is the dual credit college class that can be completed for college credit while participating in this class.

### Entrepreneurship

Grade: 10-12 Credit: 0.5

**Prerequisite:** Intro to Business, Social Media Marketing, or HTR

Students will learn the basics of entrepreneurship, including the personal aspects of entrepreneurs, opportunity identification, and organizational structuring. This course will introduce information on becoming an entrepreneur, selecting a type of ownership, developing a business plan, marketing a business, hiring and managing a staff, and financing, protecting, and insuring the small business.

### Business Communication

Grade: 10-12 Credit: 0.5

**Prerequisite:** Intro to Business, Social Media Marketing, or HTR

This course covers concepts and skills necessary to communicate in today's constantly changing business environment. Students will learn how to create a wide range of business documents and oral presentation, addressing the needs of diverse audiences, and ethical implications of the communication process.

### Computer Applications

Grade: 10-12 Credit: 0.5

**Prerequisite:** Intro to Business, Social Media Marketing, or HTR

This course provides hands-on experience with Microsoft Office software fundamentals, including Word, PowerPoint, Excel, and Access. Includes concepts of computer operations and literacy as well as insight into the broad impact of computers on today's society. Students should have a basic working knowledge of general computer use prior to enrollment.

### Business Management 1-6

Grade: 10-12 Credit: 0.5

**Prerequisite:** Intro to Business, Social Media Marketing, or HTR

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, DECA competitive events, including web design, graphic design, presentations, video production, sales presentation, 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.

EXPLORE

Intro to Business

Social Media  
Marketing

Hospitality, Tourism,  
Recreation

ENGAGE

Marketing

Computer  
Applications

Business  
Management

Business  
Communication

Entrepreneurship

APPLY

\*coming 23/24 school year

# Career Technical Education (CTE) *continued*

## Health Sciences

### **Intro to Health Occupations**

Grade: 9-12 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.

*\*Will be transcribed as Health Occupations 1 on transcript.*

### **Wilderness Safety and First Aid**

Grade: 9-12 Credit 0.5

**Prerequisite:** None

Students will learn about all aspects of the outdoor lifestyle that is available to them locally from recreational activities, local outdoor companies, jobs in the outdoor sector, environmental protection agencies and skills such as wilderness first aid and CPR. With the help of hands on learning and in the field experience, students will learn to be better prepared for their next backpacking, skiing or biking adventure, to help preserve their outdoor playground and how to get started on the path to a career in the outdoor industry.

### **Biotechnology**

Grade: 10-12 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.

### **Human Anatomy/Physiology**

Grade: 11-12 Credit 0.5

**Prerequisite:** None

This is a specialized course in the study of the human body. The focus is on the structure and function of the major systems of the human body: Muscular, skeletal, circulatory, respiratory, nervous, and digestive systems. Advanced laboratory techniques will be utilized to take an in-depth look at the wonder and complexities of the human body.

## 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:** None

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.

### **Lit & Comp 3**

Grade: 11 Credit: 1.0

**Prerequisite:** None

This course explores American literature to broaden students' literary landscape. Students work towards a definition and an understanding of commonalities and differences in American culture as represented in literature, media, and nonfictions from around the world. Students read widely and deeply and are asked to write about and research ways different world cultures communicate through literature.

### **AP Language & Composition**

Grade: 11-12 Credit: 1.0

**Prerequisite:** None

AP English Language & Composition is a college-level class which helps students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and skilled writers who compose for a variety of purposes. Students will be expected to read challenging text and engage in serious discourse about their content, structure, and style.

### **Creative Writing**

Grade: 11-12 Credit: 0.5

**Prerequisite:** None

In Creative Writing, a semester-long class, you will study and write in a variety of genres including short fiction, poetry, and drama/screenwriting. This course is designed for students who enjoy writing as an art form and as personal expression and who are interested in developing and honing their skills in these genres. You will develop these skills through reading samples of each genre and consistent writing, revising, and workshoping of your work.

### **Media & Literature**

Grade: 11-12 Credit: 0.5

**Prerequisite:** None

This semester-long class will study modern media through the lens of story and literature. Students will analyze movies, short animation films, TV, print and digital advertising, and even TikTok, considering their purpose, format, style, and impact. Students will examine the technical, artistic, and cultural forces that impact the ever-evolving art and science of story-telling. In this course, students will grow their critical thinking skills, as well as their discussion and writing skills.

*\*This course will transcribed as Narrative & Composition Studies on the transcript*

**Language Arts continued on next page**

## Language Art *continued*

### AP Seminar

**Prerequisite:** None

Grade: 10-12 Credit: 1.0

AP 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.**

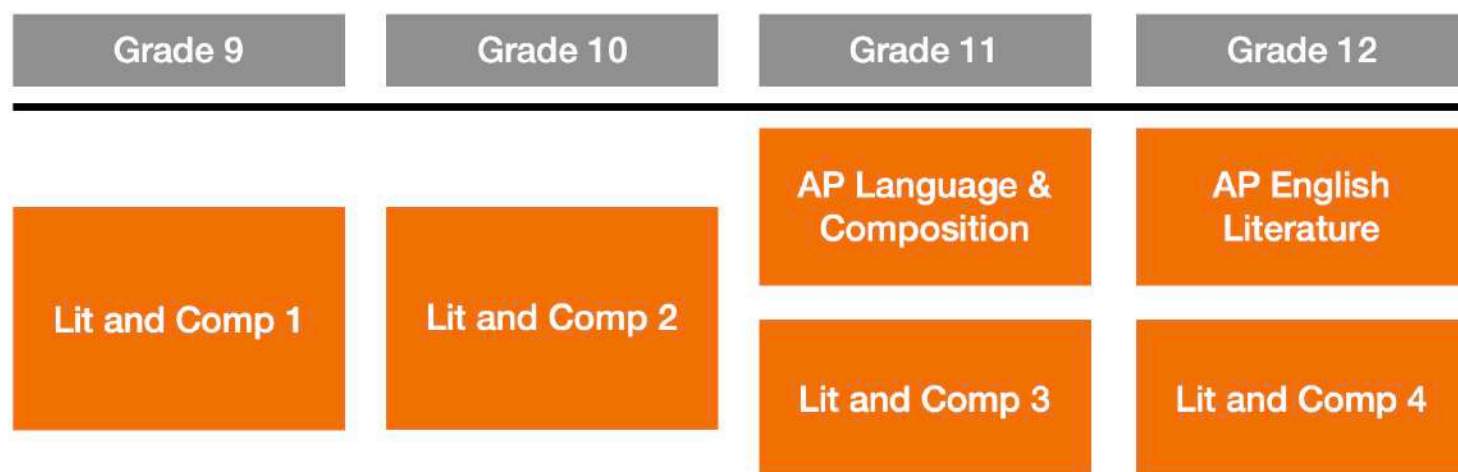
### Yearbook

**Prerequisite:** None

Grade: 10-12 Credit: 1.0

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.**

## Language Arts Sequencing Options



Language Arts Electives - can be taken in addition to courses listed above

**AP Seminar**  
(10th - 12th Grade)

**AP Research**  
(11th & 12th Grade)

**Creative Writing**  
(11th & 12th Grade)

**Media & Literature**  
(11th & 12th Grade)

# 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: 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.

## Integrated Math 3

Grade: 11 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.

## Accelerated Algebra II/Trigonometry

Grade: 11-12 Credit: 1.0

**Prerequisite:** Int Math 2 or Meet with Teacher/Counselor

This course covers all of the material taught in Algebra 2 and Precalculus at a greater level of difficulty and at an accelerated pace. Students are expected to demonstrate a greater depth of understanding through problem solving as well as written explanation. Additional topics include: an introduction to matrices applied to linear programming, natural logarithms and base e, slant asymptotes of rational graphs, an introduction to series and sequences, systems and translations of quadratic relations.

## Pre-Calculus

Grade: 10-12 Credit: 1.0

**Prerequisite:** Int Math 3/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.

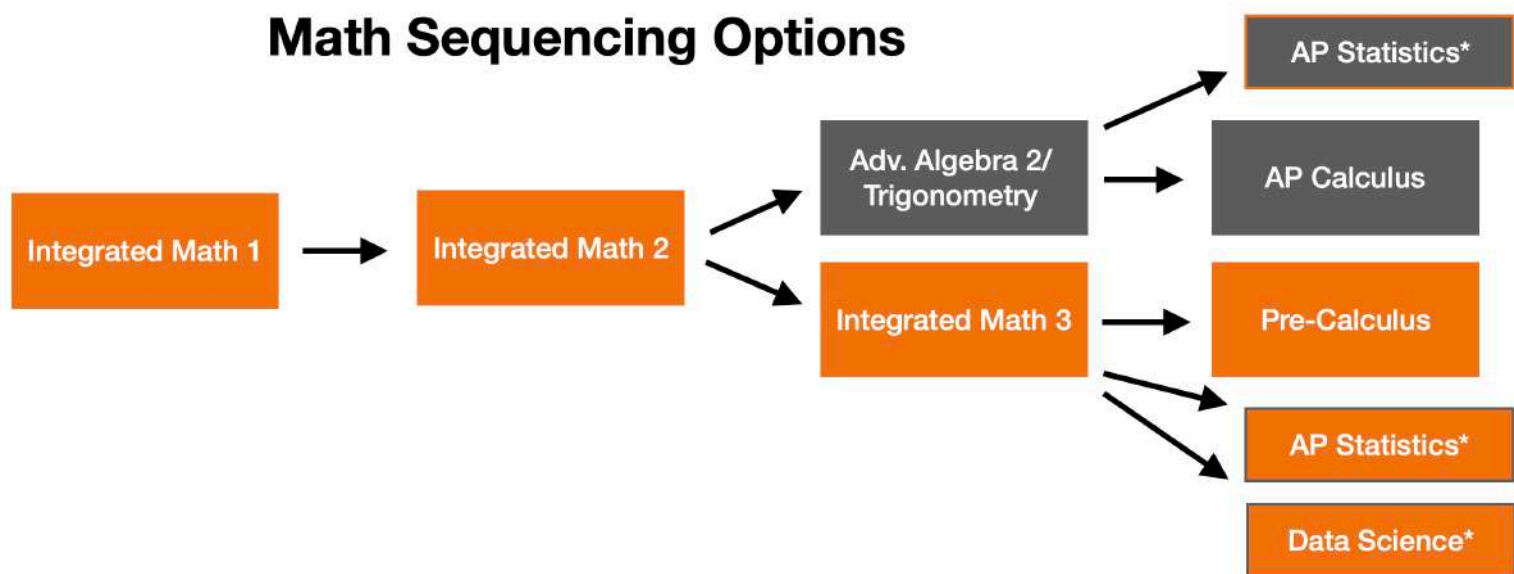
## AP Calculus

Grade: 10-12 Credit: 1.0

**Prerequisite:** Meet with Teacher/Counselor

AP Calculus is a college level course studying a variety of introductory topics in Calculus. An introduction to limits, derivatives and integrals is presented with an emphasis on both the procedural and the conceptual aspect.

## Math Sequencing Options



\*Offered 23-24 school year



# Science

## STEM 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.

## STEM 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.

## STEM Biology

Grade: 11 Credit: 1.0

**Prerequisite:** None

Biology, the study of living things, is an overview of the common characteristics and processes of living organisms. We will see our global community to explore sustainability issues. Units of study will include cells, genetics, and biodiversity.

## Biotechnology

Grade: 10-12 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.

## Ecology

Grade: 10-12 Credit: 1.0

**Prerequisite:** None

An introduction to the interactions between living organisms and their physical, chemical and biological environment. Several levels of ecological organization are examined. These include the study of different types of populations, communities and ecosystems. Topics include population structure and growth species interaction, energy flow, nutrient cycling, succession, and applications to current environmental management issues. Marine and terrestrial ecosystems will be studied. Students perform ecological experiments in the fields as well as in the laboratory.

## AP Physics

Grade: 11 Credit: 1.0

**Prerequisite:** completed Int Math 2 and currently in Int Math 3 or higher

AP Physics will study the laws of nature in the mechanical universe as well as the electrical, magnetic and thermal behavior of particles. This course is perfect for the inquisitive person who wonders how the world works. Mathematical equations are used in such a way that the solutions will predict the way nature behaves. Laboratory work and homework are intended to emphasize these ideas. Group work, individual projects, inquiry-based problem solving, and design problems are integral parts of this course.

## Science Sequencing Options

Grade 9	Grade 10	Grade 11	Grade 12
STEM Physics	STEM Chemistry	STEM Biology	AP Physics
		Ecology	AP Biology
		AP Physics	AP Environmental Science
Science Electives - can be taken in addition to courses listed above			
	Biotechnology (10th - 12th Grade)		
	Ecology (10th - 12th Grade)		



# Social Studies

## Modern World History

Grade: 10 Credit: 1.0

**Prerequisite:** none

This year-long course examines major events and turning points of world history in order to deepen understanding of our world today. Students will investigate the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, explore the economic, political, and social revolutions that have transformed human history, and then draw connections between the past and the present. Students will engage in the work and thinking of historians and other social sciences through the reading and interpretation of primary and secondary source documents, maps, and data.

## US History

Grade: 11 Credit: 1.0

**Prerequisite:** none

This course explores the processes of change that have molded and influenced the USA's past, present, and future with an emphasis on the Post-Reconstruction era to today. Studying the Constitution, textbooks, primary source documents, and current events, students learn about the various political, social, religious, and economic developments that shaped and continue to affect the United States. Essay writing and critical thinking are emphasized as integral ways of understanding how the past relates to the present and future.

## AP US History

Grade: 11 Credit: 1.0

**Prerequisite:** none

AP US History covers from 1491 to present and provides students with the analytical skills and conceptual knowledge to deal critically with themes in U.S. History. Students learn to assess historical materials and their relevance to a given interpretive problem, reliability, and importance and to weigh the evidence and interpretations presented in historical scholarship. Students also develop the skills to present reasons and evidence clearly and persuasively in essay format. This is a challenging course, but one that we encourage all students to consider.

## AP Human Geography

Grade: 9-11 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.

## Psychology

Grade: 10-11 Credit: 1.0

**Prerequisite:** none

The study of behavior is psychology. The purpose of this course is to introduce students to the scientific study of why people do the things they do and think the way they think. The course is designed to show the student how psychology's methods and theories attempt to not only explain and predict human behavior, but how the student can apply this knowledge into their everyday lives. An emphasis will be placed on preparing the student for college

## Social Studies Sequencing Options

Grade 9	Grade 10	Grade 11	Grade 12
No requirement	World History	AP US History	AP Gov/H Econ
		US History	Gov and Econ/ Financial Lit

Social Studies Elective - can be taken in addition to courses listed above

AP Human Geography  
(9th - 12th Grade)

Psychology  
(10th - 12th Grade)

World Issues  
(12th Grade)

# Dual Immersion (DI)

## Math

### DI 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.

### 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.

## Social Studies

### 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.

### DI Modern World History

Grade: 10 Credit: 1.0

**Prerequisite:** None

This is a course on Western Civilization history, with a focus on European developments and its impact on the rest of the world. We will look at the people and cultures of the times with specific attention to geography, economic factors, and the various cultural influences which played into the history of Europe this time period.

## Other Required Courses

### DI Translation & Interpretation Practice Gr: 9-12 Cr: 0.5

**Prerequisite:** None

This course teaches bilingual student to apply their cultural and linguistic knowledge and skills in service of efficient, professional communication between two parties. Students will learn about linguistic code of ethics and responsibilities, and best practices in multilingual communication in a variety of industries and settings (education, healthcare, etc). This course will be taught primarily in Spanish, and will require application and practice via simulations and community settings.

# Wellness

## 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.

## Weight Training 2

Grade: 9-10 Credit 0.5

**Prerequisite:** Weights 1 or Demonstration of Core Lift Proficiency  
Continuation of Weights 1 \*Full description coming soon

## Outdoor Recreation

Grade: 9-10 Credit 0.5

**Prerequisite:** None

If you enjoy recreating in the Central Oregon outdoors then this class is for you. This Outdoor Recreation class will be designed around mountain biking, hiking, trail running and other outdoor games. Other activities may include but are not limited to bouldering, rock climbing, snowshoeing, frisbee golf, orienteering and lifetime sports. Students are encouraged but not required to provide their own mountain bike. Maintenance for the mountain bike will be solely the responsibility of the student.

## 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 recreational game settings. Sports may include, but are not limited to: basketball, flag football, soccer, ultimate frisbee, pickle ball, badminton, and volleyball. This course will also include daily fitness activity.

\*Will be transcribed as Court Sports on transcript.

## Field and Court Sports 2

Grade: 9-10 Credit 0.5

**Prerequisite:** CS 1 or Demonstration of Court & Field Sports

This class is designed for students to continue to hone their skills, improve technique, and learn advanced 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 2 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.

## Wellness continued: Health

### Health 1

Grade: 9-10 Credit 0.5

**Prerequisite:** None

This is 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, weight control, nutrition, stress, personality, cancer and aging.

# World Languages

## French 1

Grade: 9-12 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: 9-12 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: 10-12 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: 9-12 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 (9<sup>th</sup> graders).

## Spanish 2

Grade: 9-12 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: 9-12 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: 10-12 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.

## AP Spanish Language and Culture

Grade: 11-12 Credit: 1.0

**Prerequisite:** Spanish 4 or Meet with Teacher

This course is intended to prepare you for the AP Spanish Language and Culture exam. It is a year-long language-intensive class that focuses on listening, reading, writing, and speaking proficiency. We will explore a wide variety of authentic materials related to contemporary life, beauty and aesthetics, science and technology, families and communities, personal and public identities, and world issues from across the Spanish-speaking world in order to further enhance the skills you have already acquired.

## Chinese 1

Grade: 9-12 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.

## Chinese 2

Grade: 10-12 Credit: 1.0

**Prerequisite:** Chinese 1

Continuation of Chinese 1 \*Full description coming soon

# Other Electives

## Leadership

Grade: 10-12 Credit: 0.5

**Prerequisite:** None

Leadership class is a semester-based elective course designed for students who want to get involved in the planning and implementation of Caldera High School activities and are seeking to enrich both our school and community. Students enrolled in leadership will learn the following leadership skills standards: project planning and implementation, problem-solving, public speaking, interpersonal communication, team building, working collaboratively, critical thinking, goal setting, and time management.

## Principles of Leadership

Grade: 9 Credit: 0.5

**Prerequisite:** None

This course is designed to provide a basic introduction to leadership by focusing on what it means to be a good leader and also self-exploration into the type of leader you are. The emphasis in the course is on the practice of leadership. The course will examine topics such as understanding leadership; recognizing leadership traits in yourself and others; engaging people's strengths; understanding philosophy and styles; attending to tasks and relationships; developing leadership skills; creating a vision; listening to group members; handling conflict; addressing ethics in leadership and overcoming obstacles. Students will assess their leadership traits and skills to improve their own leadership performance and hopefully see themselves as a leader at Caldera and move on to Leadership.

## Student Government

Grade: 10-12 Credit: 1.0

**Prerequisite:** Pending an election or accepted application

The Student Government course is a year-long course. This course is required for any student wishing to be a class officer or student council member. It is designed to focus on social-emotional learning, character development, positive class/campus relationships, and community building. Students will practice practical ways to engage in kindness, forgiveness, honesty, respect, and more through implementing school-wide programs, organizing community service events, and planning school spirit events. Students taking this course should be interested in honing leadership skills and working as a team to make a positive impact on our school's culture and climate. In this course, students will be using experience to develop and execute their own initiative for the school. Outside commitments include helping with school events such as homecoming week events, dances, service projects, etc. Anything we put on, you are expected to attend. We support what we create.

## Yearbook

Grade: 10-12 Credit: 1.0

**Prerequisite:** None

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, CHS 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.

## Mentorships:

Grade: 10-12 Credit: 1.0

**Peer Mentor/Peer Counseling/Academic Peer Tutor**

**Prerequisite:** See your Counselor for more information

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.

## Teacher Asst.

Grade: 10-11 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.

## Advisory

Grades: 9-12 Credit: 0.5

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.



# School-to-Career

School-to-Career (STC) integrates relevant work experience into the academic process and creates broad opportunities for all students, whether college-bound or workforce-bound. Most STC programs are independent study courses that require you to be organized and proactive. Some programs are offered at certain times of the year; other can be started at your request.

If you are interested in any of the programs outlined below, stop by the Future Center and see your School-to-Career Program Manager to sign up.

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## Structured Work-Based Learning (Paid Work)

Grade: 10-12

Length: 144 hours (Level 1: 0.5 credit) / 144 additional hours (Level 2: 0.5 credit)

**Prerequisite:** None

Do you have a job? Earn credit for your experience by demonstrating proficiency in career-related standards. In order to be awarded credit through Structured Work-Based Learning, you will be expected to complete a student workbook, compile hours, and complete an evaluation based on your career-related learning experience. **Please note: This is an independent study course. You will not be able to forecast for it and it will not be part of your class schedule. Work with your counselor and the Future Center to plan this credit.**

## Structured Work-Based Learning (Non-Paid: Community Service or Volunteer Work)

Grade: 10-12

Length: 65 hours (Level 1: 0.5 credit) / 65 additional hours (Level 2: 0.5 credit)

**Prerequisite:** None

Earn credit for community service or volunteer work! You can find volunteer opportunities in College & Careers; you can also enter the program if you have already secured a volunteer position on your own. In order to be awarded credit, you will be expected to complete weekly production reports, compile volunteer hours, type a reflection paper, and complete an evaluation based on your career-related learning experience. **Please note: This is an independent study course. Volunteer work must be for public service or humanitarian purposed and must meet the criteria set by the Oregon Bureau of Labor and Industries. You will not be able to forecast for it and it will not be part of your class schedule. Work with your counselor and Future Center to plan for this credit.**

## Internship Program (Paid or Non-Paid)

Grade: 10-12

Length: 65 hours (Level 1: 0.5 credit)

**Prerequisite:** None

Internships are designed to bridge academics and workplace learning. Your internship should be aligned with your proposed career pathway and provide a broader understanding in that area. You will be required to collaborate with the School-to-Career Program Manager and your employer on a series of projects designed to enhance your learning and the worksite. In order to be awarded credit, you will be expected to complete weekly production reports, compile internship hours, keep a journal of work duties and activities, type a reflection paper, and complete an evaluation based on your career-related learning experience. **Please note: This is an independent study course. You will not be able to forecast for it and it will not be part of your class schedule. Work with your counselor and Future Center to plan this credit.**

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# **CALDERA**

## **HIGH SCHOOL**

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**GO WOLFPACK!!**

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Be sure to check out our website at

<https://www.bend.k12.or.us/caldera>

And follow us on [Facebook](#) and [Instagram](#)!

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