COURSE

2024-2025



CORBETT HIGH SCHOOL

Table of Contents

9th-12th Grade Course Planning

Graduation Requirements

COURSE CREDIT LISTING

CAPSTONE COURSEWORK

CAREER TECHNICAL EDUCATION

CULINARY ARTS

COMPUTER SCIENCE

ENGINEERING AND MANUFACTURING

WOODWORKING

ENGLISH LANGUAGE ARTS

FINE/PERFORMING ARTS

VISUAL ART

INSTRUMENTAL MUSIC

THEATER ARTS

VOCAL MUSIC

MATHEMATICS

MIDDLE COLLEGE - MHCC

SCIENCE

SOCIAL STUDIES

PHYSICAL EDUCATION AND HEALTH

WORK-BASED LEARNING

WORLD LANGUAGE

9th-12th Grade Course Planni	ing Name:			
The Corbett Diploma requires 4 AP courses, students should consider which classes they would like to ake for AP credit. Students should also determine how they will earn their PE credit in creating their 1-year plan.				
1. 9th Grade English 2. Math 3. AP Human Geography 4. Physical Science 5. Health 6. Spanish (Intro, 1, or 2) 7. Elective (FA/CTE) 8. Elective	1. 10th Grade English 2. Math 3. AP/HS World History 4. AP/HS Computer Science 5. Spanish (1, 2, or AP) 6. Elective (FA/CTE) 7. Elective 8. Elective* *AP Seminar required for those pursuing Honors Diploma; open to all.			
11th Grade Course Plan Year:	12th Grade Course Plan Year:			

1. AP/HS Literature and Composition 1. AP/HS Literature and Composition OR AP/HS Language and OR AP/HS Language and Composition Composition 2. Math 2. Math 3. AP/HS US History 3. AP/HS Government 4. Science 4. Science _____ 5. Elective____ 5. Spanish (1, 2, or AP) 6. Elective 6. Elective (FA/CTE) 7. Elective _____ 7. Elective _____ 8. Elective 8. Elective *Middle College or Work Based Learning *Middle College *AP Research for Honors Diploma *4th Year of Spanish for Honors Diploma *AP Research for Honors Diploma

Graduation Requirements

Students will develop four-year plans with their homeroom teachers, families, and counselors. This will help the student to be thoughtful in choosing a course pathway that will help them be successful in reaching their post-secondary goals. For additional information about Corbett High School policies, please see the Corbett High School Handbook on the <u>Corbett High School Website</u>. Students may opt to "specialize" in social studies or science by taking 3 credits in one category and 5 credits in another.

In order to earn the Corbett **standard** diploma, the following credit units must be completed:

Category	Credit Requirement
Language Arts	4.0
Mathematics	4.0
Social Studies*	4.0
Science	4.0
Fine Arts	2.0
World Language	2.0
Health	1.0
PE	1.0
Electives*	6.0
Total	28.0

^{*}Beginning with the Class of 2026, students must earn one CTE credit to graduate. Class of 2026 will also need to meet the state civics requirement by taking AP/HS US Government as one of their social studies classes. Beginning with the Class of 2027, students must earn 0.5 financial literacy credits and 0.5 career exploration credits.

In order for students to earn Corbett High School's **Honors** diploma, the following credit units must be completed:

Category	Credit Requirement
Language Arts (including AP Literature and AP Language and Literature)	4.0
Mathematics	4.0
Social Studies (including AP Human Geography, AP US History and AP World History)*	4.0
Science	4.0
Fine Arts	2.0
World Language	4.0
Health	1.0
PE	1.0
AP Seminar and AP Research	2.0
Electives*	2.0
Total	28.0

^{*}Beginning with the Class of 2026, students must earn one CTE credit to graduate. Class of 2026 will also need to meet the state civics requirement by taking AP/HS US Government as one of their social studies classes. Beginning with the Class of 2027, students must earn 0.5 financial literacy credits and 0.5 career exploration credits.

PERSONALIZED LEARNING REQUIREMENTS

Education Plan and Profile

The Education Plan and Profile is a document that serves as a road map to guide student learning throughout their secondary education and into their lives after high school. It also serves as a living, growing collection of a student's achievements and interests. This document should stay with the student through any school transfers, and should be updated at least yearly.

The Education Plan and Profile has also been called a personalized education plan in some places in Oregon, or even just the education plan. Because the Oregon Administrative Rules refer to this part of the personalized learning requirements as the Education Plan and Profile, this document will use that language.

Process

Through adult-guided conversations and activities, students explore their interests, talents, and plans for the future. This process is ongoing; as students revisit and revise their thinking over time, their education plan and profile.

Students meet with an adult at least yearly to choose classes and programs of study aligned to their interests, talents, and career ambitions. Students choose examples of their best work and notable achievements to be included in their Education Plan and Profile.

Product

A document or collection of documents (paper or online) for each student that is updated at least once a year, beginning in grade 7. This document should include the following information about the student:

- Interests, courses they plan to take, and career aspirations
- Participation in Career-Related Learning Experiences
- A portfolio of work and achievements, including progress towards any larger goals (badges, CTE concentrations, etc.)

Career-Related Learning Experiences

Career-Related Learning Experiences are structured educational experiences that connect learning to the world beyond the classroom. When students participate in these activities, they are better able to imagine their future career pathways and plan for life after high school.

The Career-Related Learning Experiences are planned and documented in the student's Education Plan and Profile in relation to their career interests, aptitudes and post-high school goals. These experiences provide

opportunities for students to apply academic, career-related, and technical knowledge and skills, and may also help students to clarify career goals.

Some examples of Career-Related Learning experiences include, but are not limited to, field-based investigations, field trips, guest speakers, job shadows, service learning, school-based enterprises, workplace mentoring, and workplace simulation.

Process

Students participate in structured activities in the community, workplace, or school that connect to both academic content and careers. These can include, but aren't limited to, the following:

- Job shadows
- Workplace and Business/Industry field trips
- Career-centered guest speakers
- Workplace mentoring
- Workplace simulations
- School-based enterprises
- Service learning
- Field-based investigation
- Structured work experiences
- Cooperative work and study programs
- On-the-job training
- Service learning
- Internships
- Pre-apprenticeships
- Apprenticeship programs

Product

A document or collection of evidence, included in the Education Plan and Profile, of each student's Career-Related Learning Experiences

- A record of the student's participation in career-related activities
- Progress towards any larger goals (badges, CTE concentrations, etc.)

Extended Application

The Extended Application experience is designed to bridge between a student's high school learning experiences and their personal interests, aptitudes, goals, and future career plans.

A student's Extended Application should be aligned with their Education Plan and Profile, and informed by their Career Related Learning Experiences. The Extended Application can take a wide variety of forms, but in all cases should allow students to deeply explore a concept, idea, career path, or project that is aligned with their interests and goals.

At their most successful, extended Application projects can be a showcase of student achievement that is shared and celebrated with students, their families, and their community.

Process

Students apply and extend their knowledge and skills in a new and complex situation related to the student's personal career interests and post-high school goals.

The extended application can be embedded in a class, such as a research project or other assignment. It can also be a structured activity that is completed independently by the student with adult guidance, such as work-based learning, a capstone project, or community service.

Product

Documentation of the student's Extended Application project is included in the Education Plan and Profile. Ideally, this achievement is shared and celebrated with students, families, and the larger community.

SCHEDULES, AP or HS LEVEL, GRADES, CREDIT, & ATHLETIC ELIGIBILITY INFORMATION

SCHEDULE CHANGES

- All schedule changes should be made prior to the start of a trimester, but not later than two weeks into the course.
- Students will submit course requests via StudentVue in early spring. Not all course requests can be honored due to constraints in the master schedule.
- Sequence-based schedule changes cannot be honored (e.g. switching the order of classes only)

AP or HS LEVEL OPTIONS

- Select courses at Corbett High school can be taken for either Advanced Placement (AP) or High School (HS) Level.
- Students, with approval from their parents/guardians, must decide by the last school day in October which level they will have transcripted.
- As AP exams are paid for by the Corbett School District and ordered in November, students who opt out of (or into) AP after the last day in October, will be charged a fee of \$40 by the College Board.
- Students who have chosen the AP option, but do not take the exam, will not earn credit for Trimester 3, and will be assessed a \$40 unused test fee.

GRADES AND INCOMPLETES

• Students who are not earning a passing grade at the end of each grading term will be assigned an incomplete. The student's teachers will develop a credit recovery plan for each incomplete earned by the student. Students will be responsible for completing the incomplete plan and notifying their instructor and building administrator when the work is completed. Teachers will be responsible for determining whether

- newly presented work satisfies course requirements and to replace an Incomplete with a passing grade if appropriate. Teachers will notify the principal in writing to change the grade.
- Students will have until a week before the first school day of the following school year. Work that is completed during the summer may not be evaluated until teachers return to campus in August.

CREDIT BY PROFICIENCY

- Students may earn 1.0 credit for Physical Education by participating in two seasons as a member of a Corbett High School athletic team by notifying the registrar and the athletic director at the completion of those two seasons. PE credit by proficiency may not be used to add additional elective credits.
- Students may earn world language credits by demonstrating proficiency on an approved assessment FLATS, SLIP, STAMP or an AP exam.

ATHLETIC ELIGIBILITY

- In order to be academically eligible for OSAA sponsored activities, students must be on-track to graduate.
- Students may not have any "incomplete" grades in the previous trimester or progress report. Students who need to make up coursework will develop a plan with the athletic director and the teacher in order to participate in athletics and activities.
- Students must be in school all day in order to participate in athletics or activities.

COLLEGE BOUND STUDENT ATHLETES - NCAA AND NAIA ELIGIBILITY

- NCAA and NAIA eligibility centers will verify academic and amateur status of all student-athletes.
- Students should log into the respective websites to be familiar with the steps to follow in order to be eligible. NCAA.org NAIA.org

COURSE CREDIT LISTING

Credit	Course Name	Grades Available
Language Arts (LA)	9th English 10th English AP/HS Language and Composition (24-25, 26-27) AP/HS Literature and Composition (25-26, 27-28)	9th 10th 11th, 12th 11th, 12th
Mathematics (MA)	Algebra 1 Geometry Algebra 2* Pre-Calculus* Calculus AB* Calculus BC* AP/HS Statistics	9th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th 11th, 12th
Social Studies (SS)	AP Human Geography AP/HS World History AP/HS US History AP/HS Government AP Psychology (23-24, 25-26) AP Art History (24-25, 26-27)	9th 10th 11th 12th 10th, 11th, 12th 10th, 11th, 12th
Science (SC)	Physical Science AP/HS Principles of Computer Science Chemistry (25-26, 27-28) Botany (24-25, 26-27) AP Biology (24-25, 26-27) AP Environmental Science (25-26, 27-28) Physics	9th 10th 10th, 11th, 12th 11th, 12th 11th, 12th 11th, 12th 10th, 11th, 12th
Fine Arts (FA)	Strings Concert Band Wind Ensemble* Cardinal Choir Studio Art and Design AP Art and Design AP Art History (24-25, 26-27) Woodworking 1 Woodworking 2,3* Yearbook History of Rock and Roll	9th, 10th, 11th, 12th

Career-Technical Education (CTE)	Culinary Arts Materials & Manufacturing 1, 2 Woodworking 1, 2, 3 Industrial Control & Design AP Computer Science A Computer Science 3, 4	10th, 11th, 12th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th 10th, 11th, 12th
World Language (WL)	Intro to Spanish Spanish 1 Spanish 2* AP Spanish*	9th, 10th, 11th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th
Health (HE)	Health	9th
Physical Education (PE)	Physical Education Yoga Weightlifting Walking for Fitness Credit by Proficiency	9th, 10th, 11th, 12th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th
Electives (EL)	AP Seminar AP Research* Intro to Computer Science/Computer Science I AP Computer Science A* Computer Science 3* Materials and Manufacturing 1 Materials and Manufacturing 2* Industrial Design and Control* Office Aide Grade School TA Kitchen Management Aide Teacher Aide (limit 1 TA period per year, by prior arrangement) Yearbook Any course taken over and above the graduation requirements counts as an elective. *Courses that have prerequisites, see course description for more information.	10th, 11th, 12th 11th, 12th 9th 9th, 10th, 11th, 12th 11th, 12th 9th, 10th, 11th, 12th 10th, 11th, 12th 9th, 10th, 11th, 12th 11th, 12th 9th, 10th, 11th, 12th 11th, 12th 11th, 12th 9th, 10th, 11th, 12th 11th, 12th 9th, 10th, 11th, 12th 9th, 10th, 11th, 12th
NON-Credit bearing Classes	Study Hall (limit 1 study hall period per year)	10th, 11th, 12th

CAPSTONE COURSEWORK

AP Capstone is a diploma program from the College Board that equips students with independent research, collaborative teamwork, and communication skills. AP Seminar is the foundational, prerequisite class that introduces students to the skills necessary to complete the second course in the program, AP Research. Completion of both Capstone courses is a requirement for the Corbett Honors diploma.

Capstone Pathway: AP Seminar \rightarrow AP Research

AP SEMINAR Grades 10, 11, 12 Elective Credit

AP Seminar gives students the opportunity to explore the complexities of real world problems by examining them from divergent perspectives and multiple voices. Students explore, read, and analyze academic articles, studies, and journals as well as literary and philosophical texts, and other forms of artistic expression. Students evaluate and consider the points and arguments provided around a single topic through multiple sources and mediums. After close analysis, students then synthesize these texts and sources to create their own arguments which are presented in written essays and oral presentations. The course aims to equip students with the skills necessary to evaluate and analyze relevant, meaningful information to create their own evidence based arguments.

Students must meet all College Board submission deadlines to receive credit for the course.

AP RESEARCH Grades 11, 12

Elective Credit

AP Research is the second course in the AP Capstone Program and builds on the skills mastered in AP Seminar, the required prerequisite for the course. The class allows students the opportunity to deeply explore a topic of personal interest by designing, planning, and implementing a year long investigation to address their unique research question. Over the school year, students cultivate the skills and discipline required to conduct independent research and to produce and defend their own scholarly work. This achievement will be demonstrated in a 4,000-5,000 word academic paper and a 15-20 minute presentation and oral defense, both of which are submitted to the College Board in late April. All students will meet all College Board submission deadlines to receive credit for the course.

CAREER TECHNICAL EDUCATION

Career Technical Education (CTE) provides students with the academic and technical skills, knowledge and training necessary to succeed in future careers and to become lifelong learners.

CULINARY ARTS

Culinary Pathway: Culinary Arts (Year 1) → Culinary Arts (Year 2) → Kitchen Management Aide or Work-based learning in culinary field

CULINARY ARTS Grades 10, 11, 12 CTE Credit

Culinary Arts is designed to introduce students to the skills and aspects of the culinary field, through hands-on skill training, practical experience, and assignments relevant to the course. We will be exploring current issues and trends in the industry, develop and understand professional standards and expectations, exploring the relationship between culture and cuisine, and other aspects of the culinary field.

(Year 1) Students will be introduced to the kitchen environment and how it functions, understand basic principles of food handling procedures, and be introduced to basic recipes and how to read and execute them.

(Year 2) Students will further develop the skills that they were introduced to in the previous year, research culinary career opportunities, demonstrate leadership in assisting first year students, and write a resume outlining skills and experience.

COMPUTER SCIENCE

Computer Science Pathway: Principles of Computer Science → AP Computer Science A → Computer Science 3 → Computer Science 4

INTRODUCTION TO COMPUTER SCIENCE

Grades 9

CTE or Elective Credit

Not offered in 24-25. Students will learn to create computer programs using Scratch and JavaScript, and create websites using HTML and CSS to create interactive stories, games, animations, and other creative projects.

AP/HS PRINCIPLES OF COMPUTER SCIENCE

Grade 10

Science Credit

CTE Credit if student has 5 Science credits

This course introduces students to the foundational concepts of computer science and explores the impact computing and technology have on our society. With a unique focus on creative problem solving and real-world applications, this computer science course gives students the opportunity to explore several important topics of computing using their own ideas and creativity, use the power of computing to create artifacts of personal value, and develop an interest in computer science.

This is Corbett High School's 10th grade science class.

Students and families will choose the AP or HS level of this course in October. AP level students will be expected to take the AP test funded by the district.

AP COMPUTER SCIENCE A

Grades 9, 10, 11, 12

Mathematics or CTE or Elective Credit

In this course, students will learn the Java programming language, which has been the most popular programming language in the world for years and is used everywhere (websites, personal computing, data analysis, machine learning, artificial intelligence, game consoles, supercomputers, and smartphones). Average salary for Java developers: \$107,000. Students will practice the computer science skills of designing, developing, and analyzing their own programs to address real-world problems. Most of the coursework will be done in class, but some projects may require time outside of class to complete. The course grade is composed of real-world programming projects, quizzes, and exams.

Requirements: Students must have completed Algebra 1 and must have successfully completed Introductory Computer Science course or Computer Science Principles.

AP level students will be expected to take the AP test funded by the district.

COMPUTER SCIENCE 3/4

Grades 11, 12

CTE or Elective Credit

In this course, students will continue to build their computer science skills, choosing from a range of options in Python, Javascript, Java, Lua, and C++. Students are free to choose a path that fits their interests, such as building dynamic websites and web apps, video games, Android apps, robotics programming, machine learning, automation, etc. Most of the coursework will be done in class, but some projects may require time outside of class to complete. The course grade is composed of real-world programming projects, quizzes, and exams.

Can be taken again as Computer Science 4, where students can continue to explore computer science. Requirements: Students must have completed Algebra 1 and must have successfully completed Computer Science Principles.

ENGINEERING AND MANUFACTURING

MATERIALS AND MANUFACTURING 1

Grades 9, 10, 11, 12

CTE or Elective Credit

Students will learn the fundamentals about modern manufacturing methods and techniques. In the process we will investigate a wide range of types of materials and the products they are made from. This includes basic techniques of working with wood, plastics, and metals. Safety protocols and use of machines involved in working with these materials will be taught as well. Students will have the opportunity to tour local manufacturing facilities and engage with employers. Students will also gain exposure to managing a small manufacturing business as they take charge of developing, designing, producing and selling products manufactured in class.

MATERIALS AND MANUFACTURING 2

Grades 10, 11, 12

CTE or Elective Credit

The second year of Materials and Manufacturing. Students will have the opportunity to develop independent projects, and further their understanding of industrial processes.

Recommended prerequisites: Manufacturing 1, Introduction to Robotics, or Industrial Control and Design

INTRODUCTION TO ROBOTICS

Grades 9, 10, 11, 12

CTE or Elective Credit

Dive into the world of hands-on engineering and robotics in this introductory course. Learn to design with 3D modeling software, utilize tools like 3D printers and laser cutters, and engage in collaborative projects. Explore engineering fundamentals, with computer-aided design (CAD), electronics, and digital fabrication. Design, build, and program robots and other electrical circuits for various tasks, with or without prior programming experience. Learn how AI and machine learning can be used in electro-mechanical systems. Unleash your creativity, problem-solving skills, and passion for innovation in this dynamic and project-driven class. Students who successfully complete this class should be well prepared to support the FIRST robotics team as part of the Industrial Control and Design class.

INDUSTRIAL CONTROL AND DESIGN

Grades 9, 10, 11, 12

CTE or Elective Credit

In this elective, students will learn about the design, creation, and implementation of small and large industrial scale machines. This process will foster skills used in many different STEM-career related areas such as engineering, computer programming, manufacturing, wood shop and machine shop. Students will then demonstrate their acquired knowledge and skills as they represent our school in the FIRST Robotics Competition. As a student managed competitive team, there will also be opportunities to engage in video production, social media management, business management, and marketing. In 2021, over \$80 million in scholarships are available for students participating with FIRST. Participation has also led to internships (some paid) at local facilities of companies such as Boeing, DWFritz Automation, Autodesk, and others.

Completion of a previous woodworking, computer science or engineering/robotics course is recommended, but not required.

WOODWORKING

WOODWORKING 1

Grades 9, 10, 11, 12

Fine Art or Elective Credit

Woodworking 1 introduces students to the foundational concepts, skills, and processes of woodworking, including measurement, materials, basic hand/power tools usage, basic joinery, layout, assembly, finishing, and shop safety. The projects are designed to build a holistic understanding of woodworking, from concept to design to finished product. Additional project options include the scroll saw, lathe, saw mill, pyrography, carving, whittling, Kumiko, intarsia, marquetry, and building structural models.

WOODWORKING 2

Grades 10, 11, 12

Fine Art or Elective Credit

Woodworking 2 develops intermediate concepts, skills, and processes of woodworking, including the different properties of various wood species, as well as intermediate hand/power tools usage, joinery, layout, assembly, and finishing. Students will also learn to interpret design specifications into sketches and/or 3D software modeling. Additional project options include the scroll saw, lathe, saw mill, pyrography, carving, whittling, Kumiko, intarsia, marquetry, and building structural models.

WOODWORKING 3

Grades 11, 12

Fine Art or Elective Credit

Woodworking 3 develops advanced concepts, skills, and processes of woodworking, including advanced hand/power tools usage, custom jigs, joinery, layout, assembly, and finishing. Students will learn to conceive and develop projects from scratch, including research and sophisticated sketches and/or 3D software modeling. Additional project options include the scroll saw, lathe, saw mill, pyrography, carving, whittling, Kumiko, intarsia, marquetry, and building structural models.

ENGLISH LANGUAGE ARTS

English Language Arts courses are aligned with Oregon state standards, and fulfill Language Arts credits for grades 9-12.

9th ENGLISH

Grade 9

Language Arts Credit

All 9th grade students take this English course. This course aims to give students a firm foundation in reading, writing, and speaking that will prepare students both for further English courses and the work they will be asked to do across the curriculum. Students will study a variety of literature from around the world, including both literary and non-fiction works. They will also work on producing narrative, explanatory, and argumentative pieces of writing.

10th ENGLISH

Grade 10

Language Arts Credit

10th English is a Language Arts class that is aligned to the Common Core State Standards (CCSS) and aims to further develop students' skills in reading, writing and speaking, in preparation for work they will do across the curriculum. Students will study a variety of literary genres (short stories, novels, autobiography, essay, drama and poetry), as well as write about the literature they read. Composition and mechanics will continue to be a focus as students develop writing in various modes, including expository, research and argumentative writing techniques.

AP/HS LANGUAGE AND COMPOSITION

Grades 11, 12

Language Arts Credit

Offered in alternating years (24-25, 26-27, etc)

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compare and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts - including images as forms of text - from a range of disciplines and historical periods. Students and families will choose the AP or HS level of this course in October. AP level students will be expected to take the AP test (funded by the district).

AP/HS LITERATURE AND COMPOSITION

Grades 11, 12

Language Arts Credit

Offered in alternating years (25-26, 27-28, etc)

This course aligns with the AP English Literature and Composition curriculum and requires students to read a variety of works, including poetry, short fiction, novels, and plays. Students will explore concepts like characterization, setting, structure, perspective, and figurative language among other devices. The course also requires students to critically analyze literature by developing and organizing analysis in clear, coherent, and persuasive language through short writing and long-form essays.

Students and families will choose the AP or HS level of this course in October. AP level students will be expected to take the AP test (funded by the district).

ENGLISH LANGUAGE DEVELOPMENT

Grades 9, 10, 11, 12

Elective Credit

ELD emphasizes speaking and listening skills, but also provides opportunities for applying the lessons to reading and writing. Placement in these sections is by teacher recommendation based on a portfolio of information that may include language proficiency assessments such as ELPA, Woodcock-Munoz, ADEPT, and a writing sample scored with a writing rubric correlated to the ELP standards. *Students are placed into this course based on state assessments of English proficiency*.

FINE/PERFORMING ARTS

All of the courses in this category will fulfill Fine/Performing Art credit for grades 9-12.

Visual Art

Art Pathway: Studio Art and Design → AP Art and Design

STUDIO ART AND DESIGN

Grades 9, 10, 11, 12

Fine Arts Credit

Students will explore a broad range of approaches, techniques and goals with drawing and design. We plan intentional artistic choices, develop our craft, and reflect on our artwork as a class to continue to support curiosity, creativity and collaboration. During the first half of the year we emphasize fundamentals of realistic drawing. During the second half of the year we explore more abstract and surreal approaches. Students will finish the year with a portfolio of work that showcases a range of strengths, as well as at least three works that may serve as the start of a "Sustained Investigation" for AP Studio Art.

AP ART AND DESIGN

Grades 10, 11, 12

Fine Arts Credit

Students will conduct an in-depth, sustained investigation of materials, processes, and ideas. In pursuing their own artistic objectives, process and "language" for their 7-month project, students will develop the skills that artists and designers use, and create a portfolio of work that is assessed to produce their AP score. Although the majority of class time will be allocated for independent studio work, students should also plan to work outside of class time to meet deadlines for their work. Students will present their work to their peers as they develop it throughout the year. Prior art experience is recommended.

AP level students will be expected to take the AP test funded by the district.

AP ART HISTORY

Grades 10, 11, 12

Social Studies Credit (Class of 2025 and previous); Fine Art or Elective Credit (Class of 2026 and beyond)

This course is offered on an every-other-year basis. (24-25, 26-27, etc), and can count as a Social Studies or Fine Arts credit

The human experience is inherent to the stories we share through visual art, from cave paintings to video installations. This course welcomes students into the global art world to engage with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the students develop in-depth, holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, developing understanding of individual works and interconnections across history.

AP level students will be expected to take the AP test funded by the district.

YEARBOOK

Grades 9, 10, 11, 12

Fine Arts or Elective credit

In this course, students will gain skills in the following areas: page design, advanced publishing techniques, caption and article writing, editing, and photography while producing a creative, innovative yearbook that records school memories and events. Students will learn the fundamentals of photography as they document important events from the school year. Students will develop communication skills via reporting, writing, class discussions, presentations, and publications. Students will create the yearbook and a variety of narrative projects that show how photography and the written word combine to inform society. *Note: this course can be rigorous and involves work outside of class, multi-tasking, deadlines, and good attendance.

HISTORY OF ROCK AND ROLL

Grades 9, 10, 11, 12

Fine Arts or Elective credit

The course The History of Rock and Roll is a study of the social history of the genre of rock and roll and its impact on the world. Rock and roll emerged as a defined genre in the 1950's which came from the rhythm and blues movement and started taking on its own defined characteristics. We use the book "Rock'n in Time" by David Szatnmary as a text and we explore the various sub-genres within the rock and roll genre including punk, grunge and rap. The goal of this course is to examine the impact of rock on the social history of the world and to study lyrics and rhythms to see how they have emerged into this incredibly diverse art form.

INSTRUMENTAL MUSIC

CONCERT BAND Grades 9, 10, 11, 12

Fine Arts Credit

Students will demonstrate understanding of basic musical skills and concepts of musical theory through performance and applied knowledge (assignments). Previous experience with an instrument is recommended. During each trimester members of the ensemble will work toward multiple performances, as individuals, small ensembles and as a single band. **Graded events will take place outside the regular school day**. Students will perform standard and contemporary musical literature. Musicians will be expected to demonstrate independent learning and leadership skills. Music will be selected with the intention of motivating students of a variety of interests and ability levels.

WIND ENSEMBLE

Grades 9, 10, 11, 12

Fine Arts Credit

Membership through audition only. Auditions will occur in the spring. Students will demonstrate understanding of intermediate to advanced musical skills and concepts of musical theory through performance and applied knowledge (assignments). During each trimester members of the ensemble will work toward at least one performance. Musicians will also work as individuals and small ensembles for various performances, including OMEA and OSAA events. **Graded events will take place outside the regular school day**. Students will perform standard and contemporary musical literature. Musicians will be expected to demonstrate independent learning and leadership skills. Music will be selected with the intention of motivating students of a variety of interests. Musicians will represent the school and community at various regional and possibly national events. Students may travel out of state as a part of this class. If students plan to travel with the band they will be expected to help with fundraising.

CARDINAL CHAMBER STRINGS

Grades 9, 10, 11, 12

Fine Arts Credit

This course is for students interested in continuing their skills on a stringed instrument - violin, viola, cello, or bass. Some experience with violin, viola, cello, or string bass is recommended. Music repertoire from varied time periods, with an intermediate to advanced level of proficiency, will be performed several times throughout the year.

BEGINNING STRING ORCHESTRA

Grades 9, 10, 11, 12

Fine Arts Credit

Students who have no experience in this field, but are highly motivated and interested in learning the fundamentals of violin, viola, cello, and bass, are encouraged to register for this class. Basics will include the playing of simple melodies and note reading competently in several keys, while developing good posture, intonation, tone, rhythm and internal pulse. There will be concerts performed in the winter and spring, along with other ensemble recitals and musical opportunities.

THEATER ARTS

DRAMA AND THEATER MANAGEMENT

Grades 9, 10, 11, 12

Fine Arts Credit

Not offered in 24-25. Academic course exploring the world of Theater Arts—on stage, back stage, and front of house. Students will not be required to participate in extracurricular performances, but will need to perform in front of classmates throughout the course of the year.

VOCAL MUSIC

CARDINAL CHOIR

Grades 9, 10, 11, 12

Fine Arts Credit

Students will demonstrate understanding of basic musical skills and concepts of musical theory through performance and applied knowledge (assignments). During each trimester members of the ensemble will work toward at least one concert. Musicians will also work as individuals and small ensembles for various performances, including OMEA and OSAA events. **Graded events will take place outside the regular school day**. Students will perform standard and contemporary musical literature. Musicians will be expected to demonstrate independent learning and leadership skills. Music will be selected with the intention of motivating students of a variety of interests. Musicians will represent the school and community at various regional and possibly national events. Students may travel out of state as a part of this class. If students plan to travel with the choir, they will be expected to help with fundraising.

MATHEMATICS

Math Sequence-Calculus Option: Algebra $1 \rightarrow$ Algebra $2 \rightarrow$ Precalculus \rightarrow Calculus AB \rightarrow Calculus BC

Math Sequence-Statistics Option: Algebra $1 \rightarrow$ Geometry \rightarrow Algebra $2 \rightarrow$ Statistics

Corbett High School values mathematics education throughout all four years of high school. High school math credit is awarded to students in 6th, 7th, and 8th that are taking Precalculus or higher. High school math credit is not offered to 6th, 7th, and 8th graders in Algebra 1, Geometry, or Algebra 2.

ALGEBRA 1

Grade 9

Mathematics credit if taken in 9th grade or above

In Algebra I, we solidify the skills that have been taught in previous years and lay the foundation for future math classes. We will write, solve and graph linear equations, inequalities and functions. We will learn exponential properties and operations with exponents and examine exponential growth and decay. Finally, we multiply and factor quadratic equations and write and solve quadratic functions.

GEOMETRY

Grades 9, 10, 11

Mathematics credit if taken in 9th grade or above

In this course, we will make use of previous knowledge in order to delve into higher-level problem solving. We will study geometric figures and principles by understanding shapes, lines, angles, 3D figures, and more. This class ties in geometric knowledge with algebraic knowledge, as well as provides a deeper look at quadratic functions and function operations. This class will provide a foundational and applied understanding of concepts that will appear in Algebra 2.

ALGEBRA 2

Grades 9, 10, 11, 12

Mathematics credit if taken in 9th grade or above

This course will be a continuation of the foundational skills learned in Algebra 1. We will examine function families, examining function properties through factoring, inverses, graphing, and more. We will also take a look at solving more complex equations involving fractions, roots, and multiple variables. This course will serve to solidify and improve upon foundational skills necessary for precalculus, calculus, and even statistics.

PRE-CALCULUS

Grades 9, 10, 11, 12

Mathematics credit awarded for students in all grades

Precalculus includes an in-depth study in algebraic, numerical, graphical representations of the twelve parent functions. Students connect these concepts to a variety of "real world" application problems. Regular usage of the graphing calculator will be an integral part of the program. We will also develop

our skills in visualization, constructing mathematical arguments, and using algebra/trigonometry to efficiently solve problems.

AP/HS STATISTICS

Grades 11, 12

Mathematics credit awarded for students in all grades. This course is offered to all seniors and any student that has completed AP Calculus BC.

Students will explore relationships between real-world phenomena through statistics. In this course, we will practice designing experiments, making claims about relationships, and conducting statistical analysis on these relationships. Statistics focuses heavily on the real world by interpreting conclusions within their specific context.

Students and families will choose the AP or HS level of this course in October. AP level students will be expected to take the AP test funded by the district.

AP CALCULUS AB

Grades 9, 10, 11, 12

Mathematics Credit awarded for students in all grades

Calculus AB is primarily concerned with developing students' understanding of the concepts of calculus. Broad concepts and widely applicable methods are emphasized. Regular usage of the graphing calculator will be an integral part of the program. We will also develop our skills in visualization, constructing mathematical arguments, and using algebra with calculus to efficiently solve problems. The course focuses on limits & continuity, differential calculus, and integral calculus.

AP level students will be expected to take the AP test funded by the district.

AP CALCULUS BC

Grades 9, 10, 11, 12

Mathematics Credit awarded for students in all grades

Calculus BC is primarily concerned with developing students' understanding of the concepts of calculus. Broad concepts and widely applicable methods are emphasized. Regular usage of the graphing calculator will be an integral part of the program. We will also develop our skills in visualization, constructing mathematical arguments, and using algebra with calculus to efficiently solve problems. The course focuses on differential calculus and integral calculus, with explorations in parametric calculus, polar calculus, and the study of sequences and series.

AP level students will be expected to take the AP test funded by the district.

MIDDLE COLLEGE - MHCC

Corbett High School partners with Mount Hood Community College to allow current high school students to take classes at MHCC during the school year. Students must be on track to graduate (in terms of total credits and each credit category) in order to apply. Preference is given to two kinds of students: students who have exhausted all academic offerings in a required core content area as well as students that want to pursue pre-career opportunities. For example, students that wish to take Biology for Health Sciences or Welding, or have taken all math classes Corbett offers, have preference in the application process for Middle College. Corbett students must be enrolled at least half time (often 5 out of 8 classes) at Corbett High School, and must take 12-18 total credits over Fall/Winter/Spring quarters. Preference is also given to seniors. Courses taken through Middle College must be pre-approved (through the application process) by Corbett High School.

Students may not take courses at MHCC that are offered at Corbett High School.

SCIENCE

9th Grade	10th Grade	11th/12th Grade*
Physical Science	Computer Science Principles Students are welcome to take an additional science course in 10th grade from the 11th/12th list with instructor approval.	Physics Chemistry Botany AP Biology AP Environmental Science *Courses offered in alternating years.

PHYSICAL SCIENCE

Grade 9

Science Credit

In 9th grade Physics, we learn the patterns that form the foundation of understanding the natural world. We conduct experiments to discover the five key patterns, use STEM to inform a social discussion, study the physics of bungee jumping, learn about waves and their application in technology and create a 50 year energy plan for the state of Oregon. By taking this course students will learn the fundamentals of science inquiry using the eight scientific and engineering processes as outlined in the National Next Generation Science Standards. They will use these inquiry skills to study an introduction to physics concepts.

AP/HS PRINCIPLES OF COMPUTER SCIENCE

Grade 10

Science Credit

AP Computer Science Principles introduces students to the foundational concepts of computer science and explores the impact computing and technology have on our society. With a unique focus on creative problem solving and real-world applications, this computer science course gives students the opportunity to explore several important topics of computing using their own ideas and creativity, use the power of computing to create artifacts of personal value, and develop an interest in computer science.

This is Corbett High School's 10th grade science class.

Students and families will choose the AP or HS level of this course in October. AP level students will be expected to take the AP test funded by the district.

CHEMISTRY

Grades 11, 12

Science Credit

Offered in alternating years (25-26, 27-28, etc)

This course is not offered in 24-25. Emphasis is on using lab data to develop an understanding of the atomic and molecular structure of matter. An overall foundational understanding of the interactions of atoms and compounds will be explored with real world examples being the primary focus of inquiry by students. This course will not prepare students for the AP exam.

BOTANY

Grades 11, 12

Science Credit

Offered in alternating years (24-25, 26-27, etc)

Botany is the study of plants. In this course we will investigate the importance of plants, their many uses, the interactions they have in ecosystems, and how they have changed and adapted to different environments over time. We will also study local native plant species and their importance for ecosystem health and maintaining our area's unique biodiversity. Students will be able to design their own science inquiry based on a botany topic of their choosing.

ECOLOGY

Grades 11, 12

Science Credit

This course is not offered in 24-25. Ecology is the study of how organisms interact with each other and their environment at the population, community, and ecosystem levels. The goal of this course is to familiarize you with ecological theory and its applications.

AP BIOLOGY

Grades 11, 12

Science Credit

Offered in alternating years (22-23, 24-25, etc)

AP Biology is an introductory college-level biology course that follows the College Board AP standards. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: Cellular processes, Energy and Communication, Genetics, Ecology, the Chemistry of Life, and Natural Selection. The AP Biology course is equivalent to a two-semester college introductory biology course for biology majors. AP Biology students will have the opportunity to apply for MHCC college credit in the equivalent of 12 credit hours.

AP level students will be expected to take the AP test funded by the district.

AP ENVIRONMENTAL SCIENCE

Grades 11, 12

Science Credit

Offered in alternating years (23-24, 25-26, etc)

This course is not offered in 24-25. The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

AP level students will be expected to take the AP test funded by the district.

PHYSICS

Grades 10, 11, 12

Science Credit

Physics is a course designed to explore the dynamics of relatively simple mechanical systems in a great deal of depth. Working carefully, we will discover that most of the motions we see in our everyday lives are in fact governed by three simple ideas: force, energy, and momentum. Students will explore the major fundamental topics in physics as they relate to mechanics, such as motion and forces, gravity and projectiles, and energy and work. Through their exploration of these topics and embedded lab work, students will learn to describe the motion of objects in both one and two dimensions, and to solve problems through the application of Newton's laws of motion. Additionally, they will also apply the principles of the conservation of energy and momentum to analyze the behavior of interacting objects.

SOCIAL STUDIES

Social Studies Pathway: AP Human Geography \rightarrow World History \rightarrow US History \rightarrow US Government (Government required for the class of 2026 and beyond)

AP HUMAN GEOGRAPHY

Grade 9

Social Studies Credit

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

AP level students will be expected to take the AP test funded by the district.

AP/HS WORLD HISTORY

Social Studies Credit

Grade 10

In AP World History, Students investigate significant events, individuals, developments, and processes across time. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

Students and families will choose the AP or HS level of this course in October. AP level students will be expected to take the AP test funded by the district.

AP/HS US HISTORY

Grade 11

Social Studies Credit

This course focuses on the development of historical thinking skills through the study of nine periods in the current United States, from pre-European contact to today. Students will consistently use primary source documents to investigate events and answer historical questions about what happened and why. In addition students will hone their ability to gather evidence in response to a prompt, create a viable thesis that responds to the prompt, and support it in essay form. **This course is offered as dual**

enrollment with MHCC, meaning students earn 12 college credits in AP US History by earning a C or better each trimester.

Students and families will choose the AP or HS level of this course in October. AP level students will be expected to take the AP test funded by the district.

AP/HS GOVERNMENT

Grade 11, 12

Social Studies Credit

AP U.S. Government and Politics is a non-partisan course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.

Students and families will choose the AP or HS level of this course in October. AP level students will be expected to take the AP test (funded by the district). Class of 2026 and beyond must take AP/HS US Government to meet the state civics requirement.

AP PSYCHOLOGY

Grade 10, 11, 12

Social Studies Credit (Class of 2025 and previous); Elective Credit (Class of 2026 and beyond) This course is offered on an every-other-year basis. (25-26, 27-28).

This course is not offered in 24-25.

Have you ever wondered why we do the things we do, think the things we think and feel the feels we feel? If you were to write a user manual for our brain and mind, what would you include in it? In this course you will explore the ideas, theories, and methods of the scientific study of behavior and mental processes. We will consider research that has shaped our understanding of human behavior within topics including neuroscience, sensation and perception, learning and cognition, motivation, human development, personality, treatments of psychological disorders, and social psychology. We will build and apply an expansive vocabulary primarily through reading, writing, activities and discussion. *AP level students will be expected to take the AP test (funded by the district).*

AP ART HISTORY

Grade 10, 11, 12

Social Studies Credit (Class of 2025 and previous); Fine Art or Elective Credit (Class of 2026 and beyond)

This course is offered on an every-other-year basis. (24-25, 26-27, etc), and can count as a Social Studies or Fine Arts credit.

The human experience is inherent to the stories we share through visual art, from cave paintings to video installations. This course welcomes students into the global art world to engage with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. By investigating specific course content of 250 works of art characterized by

diverse artistic traditions from prehistory to the present, the students develop in-depth, holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, developing understanding of individual works and interconnections across history.

AP level students will be expected to take the AP test funded by the district.

PHYSICAL EDUCATION AND HEALTH

HEALTH

Grade 9

Health Credit

This is a required course for 9th grade students. In addition to state-mandated health curriculum, students will develop study habits, organizational skills, and self-reliance. Health and fitness will examine many of the factors that contribute to an individual's physical and emotional health and well being. Throughout the school year we will be examining a teen's mental and emotional health, both communicable and non-communicable diseases, discussing the effects of tobacco, alcohol, drugs on the body and mind, and the different body systems and how they operate. This class will also cover family life and sexual health.

PHYSICAL EDUCATION

Grade 9, 10, 11, 12

Physical Education Credit

Physical Education introduces knowledge and skills needed to perform safe and proper group fitness exercises. Emphasizes improved cardiorespiratory conditioning, muscle strength and endurance, flexibility, and body composition. This will be achieved through a variety of sports and games as well as weight room activities.

YOGA

Grades 9, 10, 11, 12

Physical Education Credit

Students are introduced to the values and skills of Yoga. Yoga/Core Fitness includes basic Yoga philosophy and exercises for increased flexibility, improved health, relaxation, and reduced stress in daily living. In addition, students will participate in core fitness exercises to strengthen the body's core muscles. Students will also be required to journal.

WEIGHTLIFTING

Grades 9, 10, 11, 12

Physical Education Credit

Course goal: Increase muscle strength and fitness, while at the same time promoting each student's ability to apply what they learn in a pursuit of lifelong fitness. This class will focus on developing safe/functional lifting techniques. Periodization training (loading and unloading of muscle groups) will promote strength and fitness gains over time.

WALKING FOR FITNESS

Grades 9, 10, 11, 12

Physical Education Credit

The course title says it all. Students will participate in fitness walking outside on the athletic fields, in and around the school building to develop cardio-respiratory fitness. Appropriate fitness clothes and shoes for walking are required. A light rain jacket is recommended as the class will walk outside in light rain.

CREDIT BY PROFICIENCY

Grades 9, 10, 11, 12

Physical Education Credit

Students who participate in two seasons of a Corbett school sport can earn 1 credit of physical education. Students need to notify the athletic director and the registrar after completing two seasons to get credit; credits are not added automatically. This is limited to fulfilling the 1 credit PE graduation requirement, and may not be used as additional elective credit.

WORK-BASED LEARNING

Work-Based Learning (off campus)

Grades 11, 12

1-2 Credits, based on work hours

Seniors can earn (up to) 2 elective credits by participating in an internship or job that has meaningful applications to their future. An application is required. While this program is not competitive, requirements must be met to participate, including passing grades and 95% attendance in current classes, presentation to the school board during trimester 2, and adequate progress towards graduation (must be on track to graduate). The application has 5 components: program requirements acknowledgement & agreement, written response to questions, transcript verification, parent approval (completed separately by parent(s)/guardians(s)), internship/employment partner (completed separately by supervisor).

Applications are due a week prior to the beginning of school. Trimester 2 and 3 applications are due November 15. Juniors may be able to participate in limited circumstances.

OFFICE AIDE

Grades 11, 12

One CTE or Elective Credit

By permission only. Answering phones, preparing materials, running messages, and transporting items. This is a two-period block at the same time each day (P1/P5, P2/P6, P3/P7, P4/P8).

GRADE SCHOOL TEACHER AIDE

Grades 10, 11, 12

One CTE or Elective Credit

Preparing materials, working with students in K-6.

KITCHEN MANAGEMENT AIDE

Grades 11, 12

One CTE or Elective Credit

By permission only, following a successful experience in Culinary Arts. A single-period in the afternoon to support operations in the kitchen. This is only available during Periods 2, 3, 6, and 7.

WORLD LANGUAGE

Intro to Spanish

Grades 9, 10, 11

World Language Credit

This is an introductory course for students with no Spanish language experience. Basic communication skills in oral comprehension, speaking, reading, writing and familiarity with the culture.

Spanish 1

Grades 9, 10, 11

World Language Credit

Continuation and expansion of skills acquired in Intro to Spanish with increasing emphasis on reading and writing. Students will be provided opportunities for increased vocabulary, speaking ability, and cultural awareness through use of the language.

Special Requirements: Successful completion of Intro to Spanish *here at Corbett** and/or instructor approval.

Spanish 2

Grades 9, 10, 11, 12

World Language Credit

Continuation and expansion of skills acquired in Spanish 1 with increasing emphasis on reading and writing. Students will be provided opportunities for increased vocabulary, speaking ability, and cultural awareness through use of the language.

Special Requirements: Successful completion of Spanish 1 here at Corbett* and/or instructor approval.

AP Spanish

Grades 9, 10, 11, 12

World Language Credit

Continuation and expansion of skills acquired in Spanish 2 with increasing emphasis on reading and writing. Students will be provided opportunities for increased vocabulary, speaking ability, and cultural awareness through use of the language. This course will help students prepare for the AP Spanish Language and Culture exam by reading from literature, history and the media.

Special Requirements: Successful completion of Spanish 2 here at Corbett* and/or instructor approval. AP level students will be expected to take the AP test funded by the district.

Seal of Biliteracy

The State Seal of Biliteracy is established to recognize high school graduates who have attained a high level of proficiency in reading, writing, listening, and speaking in one or more World Languages in addition to English. The State Seal of Biliteracy shall be awarded by the Superintendent of Public Instruction.

- Students that pass the AP Spanish exam with a 4 or higher, and test proficient on the 11th grade SBAC, earn the Oregon Seal of Biliteracy.
- Students can also earn the Seal of Biliteracy in other languages by earning proficient scores on the STAMP exam (Arabic, Chinese, English, French, German, Hebrew, Italian, Japanese, Spanish, Spanish-Heritage, Russian, and Korean).

*Corbett Spanish classes are designed to compliment and build upon skills acquired in the previous course. If a student has not completed the preceding course for a class here at Corbett, then the Spanish instructor will need to determine the appropriate placement. The names of our Spanish courses do not necessarily correspond with the names of other Spanish courses at other schools.