

RIDGEFIELD

COURSE **GUIDE** 2023-24



2630 S. Hillhurst Road
Ridgefield, WA 98642
p 360-619-1320
f 360-619-1395
ridgefieldsd.org

GRADUATION REQUIREMENTS

24 CREDIT MINIMUM

A minimum of 24 credits are required for graduation. Each semester course is worth 0.5 credits. Students take six classes for a total of 3 credits each semester. Students may be required to take additional classes based on their state assessment scores.

ENGLISH – 4 credits

English 9
English 10
English 11 or AP
English 12 or options on page 5

MATHEMATICS – 3 credits

SCIENCE – 3 credits

Physical Science 1 year
Biology 1 year
Elective Science 1 year

HEALTH AND FITNESS – 2 credits

Health 1 semester
Physical Education 3 semesters

SOCIAL STUDIES – 3 credits

WA State History required from Middle School
World History or AP
U.S. History or AP
Contemporary World Issues or AP Government

CAREER AND TECHNICAL EDUCATION – 1 credit

FINE ARTS – 2 credits required*

WORLD LANGUAGE – 2 credits required*

ELECTIVES – 4 credits

*Credit requirements can be adjusted per the student's Personalized Pathway and High School and Beyond Plan. Students should see their counselor for more information.

HIGH SCHOOL AND BEYOND PLAN

The High School and Beyond Plan is required for graduation. It is developed throughout high school with extensive focus on the senior year. Counselors provide guidance and technical assistance to students, parents, teachers, and administrators in this process.

STATE TESTING

Successful completion of state testing requirements in the areas of English Language Arts, Science and Math.

COLLEGE ENTRANCE EXAMS

CEEB Code 481-005

SAT www.collegeboard.org

ACT www.actstudent.org

Remember to send your scores!
You may choose four colleges on the registration application. Add additional schools at collegeboard.com for a fee.

WHAT IS YOUR PATH?

RHS CREDIT REQUIREMENTS	4 YEAR UNIVERSITY	2 YEAR COLLEGE	TECHNICAL OR MILITARY
ENGLISH - 4	ENGLISH - 4	ENGLISH - 4	ENGLISH - 4
MATH - 3	MATH - 4 <i>thru Algebra 2+</i>	MATH - 3	MATH - 3
SCIENCE - 3	SCIENCE - 3+	SCIENCE - 3	SCIENCE - 3
SOCIAL STUDIES - 3	SOCIAL STUDIES - 3	SOCIAL STUDIES - 3	SOCIAL STUDIES - 3
HEALTH/ FITNESS - 2	HEALTH/ FITNESS - 2	HEALTH/ FITNESS - 2	HEALTH/ FITNESS - 2
CCTE - 1	CCTE - 1	CCTE - 1	CCTE - 1
ARTS - 2	1 ART, 1 PPR	1 ART, 1 PPR	1 ART, 1 PPR
WORLD LANGUAGE OR PPR - 2	WORLD LANGUAGE - 2	PPR - 2 PPR: <i>Personalized Pathway Requirements</i>	PPR - 2
ELECTIVES - 4	ELECTIVES - 3	ELECTIVES - 4	ELECTIVES - 4

Lots of questions?

Course Selection

CCTE

Career Paths

Scholarships

Financial Aid

SAT and ACT

Running Start

CAPS: Innovation Ridge

Guaranteed Admissions

College Requirements

Volunteer Opportunities

College Visits

Activities and Athletics

Military

Transcript Requests



SCAN THE QR CODE TO FIND A WEALTH OF INFORMATION TO HELP YOU ON YOUR JOURNEY. IF YOU CAN'T FIND WHAT YOU ARE LOOKING FOR PLEASE CONTACT YOUR COUNSELOR!

WE ARE HERE TO HELP!

ENGLISH

FRESHMAN

ENGLISH 9 ENG100/102

Open to Grades: 9

Length of Course: Full Year

Credit: 1.0

Prerequisite: None

Graduation Requirement: English 9

This is a required course for all ninth graders (unless otherwise stated on an IEP). Students will acquire skills in the areas of: literary analysis by reading fiction and nonfiction texts, responses to tests, vocabulary study, research and various modes of writing.

SOPHMORE

ENGLISH 10 ENG 200/202

Open to Grades: 10

Length of Course: Full Year

Credit: 1.0

Prerequisite: English 9

Graduation Requirement: English 10

Students will continue to build reading comprehension, writing process, and oral communication skills using a variety of texts and modes of writing, particularly argumentative and expository. Students will refine their writing and communication skills through individual projects, papers and presentations.

JUNIOR

ENGLISH 11 ENG 300/302

Open to Grades: 11

Length of Course: Full Year

Credit: 1.0

Prerequisite: English 10

Graduation Requirement: English 11

Students examine the literary heritage of the United States from past to present. Rhetorical devices, terms and techniques are evaluated in reference to the specific writing styles of great American authors. The research process is emphasized.

AP LANGUAGE AND COMPOSITION ENG 511/512

Open to Grades: 11

Length of Course: Full Year

Credit: 1.0

Prerequisite: English 10

Graduation Requirement: English 11

Fee: \$96 if taking the AP Exam

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 compose 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 are encouraged to take the AP exam in May.

ENGLISH

SENIOR

ENGLISH 12 ENG 421/422

Open to Grades: 12

Length of Course: Full Year

Credit: 1.0

Prerequisite: English 11

Graduation Requirement: English 12

Students develop the necessary reading, writing and communication skills for post-secondary success. Students analyze literary fiction and nonfiction, present oral reports, construct essays (timed and take home).

ENGLISH 12 - CREATIVE WRITING

ENG 431/432

Open to Grades: 12

Length of Course: Full Year 

Credit: 1.0

Prerequisite: English 11

Graduation Requirement: English 12

This course focuses on creative thinking, writing, and will expand student's repertoire of literary genres and modes of expression.

COMMUNICATION IN THE 21ST

CENTURY ENG 443/444

Open to Grades: 12

Length of Course: Full Year

Credit: 1.0

Prerequisite: English 11


Graduation Requirement: English 12

Students will grow as individuals and learn to be better all-around communicators through a variety of types of communication and audiences, along with studying the impact or influence of mass communication and social media.

AP LITERATURE AND COMPOSITION

ENG 501/502

Open to Grades: 12

Length of Course: Full Year 

Credit: 1.0

Prerequisite: English 11 or AP Language and Composition

Graduation Requirement: English 12

Fee: \$96 if taking the AP Exam

This course aligns to an introductory college-level literary analysis course and students through the close reading and critical analysis of texts deepen their understanding of the ways writers use language to create meaning. It includes intensive study of works from various genres, periods, and cultures, concentrating on works of recognized literary merit. Careful attention to both textual detail and historical context provides a foundation for interpreting a text. Writing is also an integral part of the course and assignments will address the critical analysis of both prose and poetry. The text selections are suggested by and have been approved by the AP College Board in an effort to help prepare them for the AP Exam.

MATH

ALGEBRA 1 MTH 100/102

Open to Grades: 9

Length of Course: Full Year

Credit: 1.0

Prerequisite: None

Graduation Requirement: Algebra

Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of linear, exponential and quadratic functions.

ALGEBRA 2 MTH 300/302

Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Geometry

Graduation Requirement: Algebra 2

Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of polynomials, exponential, radical, rational, logarithmic and trigonometric functions.

GEOMETRY MTH 200/202

Open to Grades: 9-11

9th requires teacher approval

Length of Course: Full Year

Credit: 1.0

Prerequisite: Algebra 1 or Algebra 1B

Graduation Requirement: Geometry

Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of area, surface area, volume, lines, planes, angles, triangles, transformations and proofs.

PROBABILITY & STATISTICS MTH 400/401

Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Algebra & Geometry

Graduation Requirement: Math

Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of statistics and probability. Students will be exposed to collecting, summarizing and interpreting categorical and quantitative data; making inferences and drawing conclusions from surveys, experiments and observational studies. Students will also understand and compute probabilities and use them to solve problems and make decisions about data. The course will combine elements of mathematical probability; real world examples; and writing, hypothesis generation, synthesis and interpretation. This class requires a 3rd year math option form as it is not recognized by 4 year universities as a 3rd year math option.

AP STATISTICS MTH 430/431

Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Algebra 2

Fee: \$96 if taking the AP exam

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

MATH

PRE-CALCULUS MTH 303/304

Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0 (there is an option to receive dual credit through Central Washington University)

Prerequisite: Algebra 2

Graduation Requirement: Math

Fee: FREE

Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of all previously covered functions, vectors, parametric equations, matrices and conic sections. The CWU transcript will include the student's performance. The college credit earned may count as elective or academic credit depending on where your student enrolls after high school, and that institution's transfer credit policies. Further information about CWU CiHS program can be found [here](#).

AP CALCULUS AB MTH 350/351

Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Pre-Calculus

Graduation Requirement: Math

Fee: \$96 if taking the AP Exam

Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of limits, continuity, methods of differentiation, applications of differentiation, methods of integration and applications of integration. Students are encouraged to take the AP Exam in May.

AP CALCULUS BC MTH 356/357

Open to Grades: 12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Pre-Calculus

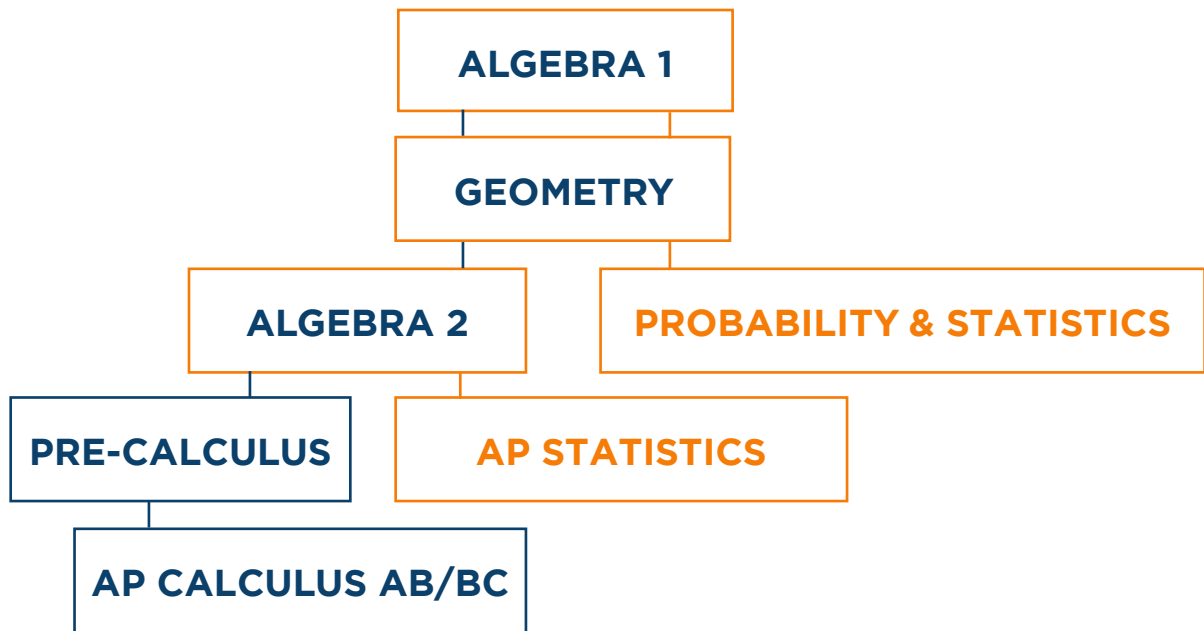
Graduation Requirement: Math

Fee: \$96 if taking the AP Exam

Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of limits, continuity, methods of differentiation, applications of differentiation, methods of integration and applications of integration. Students are encouraged to take the AP Exam in May.

MATH

Pathways to Math Graduation Requirements



NEED SUPPORT?



Khan Academy

is FREE and offers support in not just Math, but Science, ELA, Computing, Life Skills, Test Prep, History, Economics and more. www.khanacademy.org

SCIENCE

FRESHMAN

PHYSICAL SCIENCE SCI 100/101

Open to Grades: 9

Length of Course: Full Year

Credit: 1.0

Prerequisite: None

Graduation Requirement: Physical Science

Learn how science impacts daily life around the world with introductory chemistry and physics scientific processes.

ADVANCED BIOLOGY/PHYSICAL SCIENCE SCI 118/119

Open to Grades: 9

Length of Course: Full Year

Credit: 1.0

Prerequisite: MS Science Teacher Recommendation

Graduation Requirement: Physical Science

One semester of advanced biology: students will learn about the characteristics of life, inquiry, biochemistry, cells and how they maintain homeostasis and acquire and use energy. Cell reproduction, DNA, heredity, genetics, evolution and ecology will also be examined. One semester of advanced physical science: students will learn how physics concepts like kinematics, dynamics, momentum, and energy influence everyday activities in daily life. This is an advanced course and students can expect time required at home for work and study.

SOPHMORE

BIOLOGY SCI 105/106

Open to Grades: 10

Length of Course: Full Year

Credit: 1.0

Prerequisite: Physical Science

Graduation Requirement: Life Science

Students will learn about the characteristics of life, inquiry, biochemistry, cells and how they maintain homeostasis, and acquire and use energy. Cell reproduction, DNA, heredity, genetics, evolution and ecology will also be examined.

CHEMISTRY SCI 300/302

Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Biology

Graduation Requirement: Physical or Elective Science

Chemistry is an experimental science that focuses on the composition and structure of substances, the transformations they undergo and the energy that is released and absorbed during these processes. This course will focus on the basic principles of inorganic chemistry with the themes of solids, liquids and gases.

SCIENCE

JUNIOR AND SENIOR

AP BIOLOGY SCI 200/205

Open to Grades: 10-12 *not offered 23-24*

10th requires teacher approval

Length of Course: Full Year

Credit: 1.0

Prerequisite: Biology

Graduation Requirement: Life or Elective Science & CTE

Fee: \$96 if taking the AP Exam

This is an introductory college-level course focusing on three major areas: Molecules & Cells; Heredity & Evolution; and Organisms & Populations. Students are encouraged to take the AP Exam in May.

CHEMISTRY SCI 300/302

Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Biology

Graduation Requirement: Physical or Elective Science

See course description page 9

AP CHEMISTRY SCI 500/502

Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: teacher approval, recommend Chemistry

Graduation Requirement: Physical or Elective Science

Fee: \$96 if taking the AP Exam

This college-level course will emphasize structure and state of matter, reactions, and descriptive chemistry. Students will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. Students are encouraged to take the AP Exam in May.

ENVIRONMENTAL SCIENCE SCI 305/306

Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Biology

Graduation Requirement: Lab Science & CTE Environmental science will allow students to investigate current environmental issues affecting all living organisms and the science knowledge needed to understand the issues. Students will gain the knowledge, skills, and attitudes necessary to make informed decisions regarding their choices in life and how their choices affect their environment and the world.

PHYSICS SCI 400/402

Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Biology

Graduation Requirement: Physical or Elective Science Physics is the study of motion and energy. Using the scientific method, students will study the concepts of kinetics, force, energy, sound, light, optics, electricity and magnetism. Students can work with the instructor to take the AP Physics 1 or 2 exam (exam fees will apply).

SOCIAL STUDIES

Social Studies Requirements

FRESHMAN	<i>No class required</i>
SOPHMORE	WORLD HISTORY
JUNIOR	US HISTORY
SENIOR	CONTEMPORARY WORLD ISSUES/ CIVICS

WORLD HISTORY SOC 101/102

Open to Grades: 10

Length of Course: Full Year

Credit: 1.0

Prerequisite: None

Graduation Requirement: World History

Class will focus on “true” world history looking at events in Europe, Latin America, Africa, Middle East & Asia from each of the time periods. Each of the 5 units will offer opportunities for students to grow their understanding of world history and provide them with a global perspective & help students develop social studies skills through inquiry-based tasks that engage students in the process of exploring compelling historical questions through the analysis of multiple sources & various types.

Advanced Path

FRESHMAN	AP HUMAN GEOGRAPHY
SOPHMORE	AP WORLD HISTORY
JUNIOR	AP US HISTORY
SENIOR	AP GOVERNMENT
ELECTIVE	AP PSYCHOLOGY

AP HUMAN GEOGRAPHY SOC 315/316

Open to Grades: 9-12

Length of Course: Full Year

Credit: 1.0 Prerequisite: None

Graduation Requirement: World History

Fee: \$96 if taking the AP exam

This is an introductory course in Human Geography equivalent to a college-level course. Learn about nature, population, cultural patterns, political organization of space, economic development and more. Students are encouraged to take the AP Exam in May.



AP WORLD HISTORY SOC 310/311

Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0 Prerequisite: None

Graduation Requirement: World History

Fee: \$96 if taking the AP Exam

In this course students will develop a greater understanding of different societies beginning in the Middle Ages with an emphasis on the causes, changes and continuities throughout world history. Students will analyze historical events and evidence. The course offers balanced global coverage with Africa, the Americas, Asia and Europe all represented. Students considering AP courses should be prepared for a rigorous learning experience. Students are encouraged to take the AP Exam in May.

SOCIAL STUDIES

US HISTORY SOC 201/202

Open to Grades: 11

Length of Course: Full Year

Credit: 1.0

Prerequisite: None

Graduation Requirement: US History

Students will study the history of the United States focusing on the 20th century.

Major topics include a review of the foundation of the nation, the emergence of the United States as a world power, the Progressive Era, the Great Depression and New Deal, World War II, The Cold War and Civil Rights movements in the latter half of the 20th century. Students will analyze current events for similarities.

CONTEMPORARY WORLD ISSUES/CIVICS SOC 300/301

Open to Grades: 12

Length of Course: Full Year

Credit: 1.0

Prerequisite: None

Graduation Requirement: Government

Survey course that emphasizes the foundations of American Government with an overview of the legislative, executive and judicial branches of the federal government. Emphasizes American foreign policy and/or international issues facing Americans in the 21st century.

AP US HISTORY SOC 203/204

Open to Grades: 11

Length of Course: Full Year

Credit: 1.0

Prerequisite: Passing grade in prior SS course

Graduation Requirement: US History

Fee: \$96 if taking the AP Exam

This course is designed to provide the analytical skills and factual knowledge necessary to deal critically with the problems and materials in the United States History. Students prep for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students are encouraged to take the AP Exam in May.

AP GOVERNMENT SOC 303/304

Open to Grades: 12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Passing grade in prior SS course

Graduation Requirement: Government

Fee: \$96 if taking the AP Exam

Designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems facing American citizens today. Students are encouraged to take the AP Exam in May.

AP PSYCHOLOGY ELE 410/411

Will only count as elective credit Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0 Prerequisite: none

Graduation Requirement: Elective

Fee: \$96 if taking the AP Exam



Designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. Learn about the ethics and methods psychologists use in their science and practice. Students are encouraged to take the AP Exam in May.

WORLD LANGUAGE

SPANISH 1 WL 100/101

Open to Grades: 9-11

Length of Course: Full Year

Credit: 1.0

Prerequisite: None

Graduation Requirement: World Language

Students learn to understand and speak the Spanish language at a novice level.

Listening comprehension, speaking, writing and reading are emphasized through oral and written exercises. Spanish culture is studied through activities in art, music, history and popular culture.

SPANISH 2 WL 102/103

Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Spanish 1

Graduation Requirement: World Language

Students continue learning to understand and speak the Spanish language at an early intermediate level. Listening comprehension, speaking, writing and reading are emphasized through oral and written exercises. Spanish culture is studied through activities in art, music, history and popular culture.

SPANISH 3 WL 104/105

Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Spanish 2

Graduation Requirement: World Language

Students continue learning to understand and speak Spanish at an intermediate level. Listening comprehension, speaking, writing and reading are emphasized through oral and written exercises. Spanish culture is studied through activities in art, music, history and popular culture.

FRENCH 1 WL 200/201



Open to Grades: 9-11

Length of Course: Full Year Credit: 1.0

Prerequisite: none

Graduation Requirement: World Language

Students learn to understand and speak the French language at a novice level.

Listening comprehension, speaking, writing and reading are emphasized through oral and written exercises. French culture is studied through activities in art, music, history and popular culture.

FRENCH 2 WL 202/203

Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: French 1

Graduation Requirement: World Language

Students learn to understand and speak French at an early intermediate level.

Listening comprehension, speaking, writing and reading are emphasized through oral and written exercises. French culture is studied through activities in art, music, history and popular culture.

FRENCH 3 WL 204/205

Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: French 2

Graduation Requirement: World Language

Students will improve fluency and deepen their understanding of French culture and language. Listening comprehension, speaking, writing and reading are emphasized through oral and written exercises. French culture is studied through activities in art, music, history and popular culture.

WORLD LANGUAGE

AP SPANISH LANG AND CULTURE

WL 108/109

Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Spanish 3

Graduation Requirement: World Language

Fee: \$96 if taking the AP Exam

The AP Spanish Language & Culture course is comparable to a high intermediate or low-level college Spanish language course. Emphasizing the use of Spanish for active communication in real life tasks, it focuses on developing abilities in the three modes of communication & strengthening cultural competencies through theme-based instruction based in a variety of authentic resources, such as: newspapers, magazines, podcasts, blogs, advertisements, television programs, films, music, video clips, and literature.

FRENCH 4 WL 206/207

Open to Grades: 12

Length of Course: Full Year

Credit: 1.0

Prerequisite: French 3

Graduation Requirement: World Language

Students will advance in language fluency and proficiency, as well as be more competitive in pursuit of higher education. Students will be closer to fluency and better citizens of the world.

ASL I WL 300/301

Open to Grades: 9-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: None

Graduation Requirement: World Language or CTE

This course is designed to acquaint students with the methods and techniques of learning and using American Sign Language (ASL).

FINE ARTS PERFORMING

BEGINNING BAND MUS 022/033

not offered 23-24

Open to Grades: 9-12

Length of Course: Full Year

Credit: 1.0



Prerequisite: none

Grad Requirement: Fine Arts or Elective

Fee: none

This class is for those students who want to try band and are wanting to learn an instrument for the first time. No previous music experience needed! Through studying and performing beginning band literature, students will build a strong musical foundation by learning how to read music and how to play one of the major band instruments. Attendance at evening performance obligations will be expected.

BAND MUS 003/004

Open to Grades: 9-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: none

Grad Requirement: Fine Arts or Elective

Fee: ASB Membership

Students will study and perform a variety of intermediate music literature for wind band, pep band, and for parade marching. This class will foster and promote musical growth by learning and improving upon the technical and expressive skills of each instrumentalist in an ensemble-focused setting. The band performs throughout the school year at concerts, festivals, and pep band events. Attendance at evening performance obligations will be expected.

ADVANCED BAND MUS 001/002

Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Audition

Grad Requirement: Fine Arts or Elective

Fee: ASB Membership

Students will study and perform a variety of advanced music literature for wind band, pep band, and for parade marching. This class will foster and promote musical growth by learning and improving upon the technical and expressive skills of each instrumentalist in an ensemble-focused setting. The band performs throughout the school year at concerts, festivals, and pep band events. Attendance at evening performance obligations will be expected.

ADVANCED BAND STUDIO

MUS 024/025

Open to Grades: 9-12 *not offered 23-24*

Length of Course: Semester

Credit: 0.5

Prerequisite: none

Grad Requirement: Fine Arts or Elective

Fee: none

This class will serve as an extension of band, in which students will focus on improving their individual musicianship through the study of solo literature, instrument-specific techniques, and chamber music.

FINE ARTS PERFORMING

PERCUSSION MUS 015/016

Open to Grades: 9-12

Length of Course: Full Year



Credit: 1.0

Prerequisite: none

Graduation Requirement: Fine Arts or Elective

Fee: Buy your own drumsticks

This class is open to all students interested in learning and/or improving their drumming skills. We will learn drumset, drumline, keyboards and percussion ensemble music.

JAZZ BAND MUS 005/006

Open to Grades: 9-12

Length of Course: Full Year (*Zero Period*)

Credit: 1.0

Prerequisite: Co-enrollment in Band or Adv Band, Audition

Grad Requirement: Fine Arts or Elective

Fee: ASB Membership

Students will study and perform beginning to advanced level jazz music, as well as perform at concerts and community events. Some evening and weekend attendance is required.

CHOIR MUS 007/008

Open to Grades: 9-12



Length of Course: Full Year Credit: 1.0

Prerequisite: none

Graduation Requirement: Fine Arts or Elective

Fee: ASB Membership

Build a strong musical foundation for students who want a general knowledge of music. Learn to sing correctly, read music by notes, learn music theory, perform three part music. Gain skills that will give them confidence to sing solo.

ADVANCED CHOIR MUS 020/021

Open to Grades: 10-12

Length of Course: Full Year



Credit: 1.0

Prerequisite: Audition

Grad Requirement: Fine Arts or Elective

Fee: ASB Membership

Study advanced voice development. Review and put into practice basic fundamentals of music. Acquaint students with all types of vocal music, emphasis on a standard choral literature. Attend concerts and music festivals (required).

JAZZ CHOIR MUS 098/099

Open to Grades: 9-12

Length of Course: Full Year (*Zero Period*)

Credit: 1.0

Prerequisite: Co-enrollment in Choir or Adv Choir

Grad Requirement: Fine Arts or Elective

Fee: ASB Membership
Learn to perform both Jazz and Pop music along with stage presence and performance techniques. Perform extensively including a major area tour as well as frequent gigs in the Portland/Vancouver area. Consists of 16-25 singers, bass player, drummer, guitar and keyboard.



FINE ARTS PERFORMING

THEATRE 1 ELE 121



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: none

Graduation Requirement: Fine Arts or Elective

Basic introduction to all things theatre while learning about the history. Gain the skills and confidence needed to perform at a higher level. Perform scenes and other projects for their classmates. Improve their public speaking and presentational skills. Discover the art and craft of making theatre. Better understand human emotions and interactions through the study of dramatic interpretation.

THEATRE 2 ELE 123



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Theatre 1

Graduation Requirement: Fine Arts or Elective

Intermediate version of Theatre 1. There will be a heavier implementation of more advanced techniques, with the end goal of gaining a greater understanding of their strengths and weaknesses in performance, preparing students for college theatre programs, developing various acting techniques and helping students understand potential career tracks using their skills built in this course.

ADVANCED THEATRE ELE 119

Open to Grades: 10-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Theatre 2

Graduation Requirement: Fine Arts or Elective

Our most Advanced course in Theatre. This course focuses on even more development and exploration of different acting techniques, as well as learning directing skills, play analysis, and audition techniques. In this course, students will learn about the professional world of theatre, and further develop their audition skills and portfolios. Students can repeat this course as many times as they want!

STAGECRAFT ELE 170



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: none

Graduation Requirement: Fine Arts or Elective

Students will learn about the technical aspects of theatre. Students will work on in-class projects and technical elements for the productions at RHS as well as the design process for theatrical productions, design and implementation of lighting, costumes, props, makeup, sets, sound, etc.

AUDIO ENGINEERING & SOUND DESIGN ELE 126

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Graduation Requirement: Fine Arts or Elective

Students will learn skills used in the film, music, and advertising industries. Learn to use software and electronics for live sound engineering and studio recording.



FINE ARTS VISUAL ARTS

DRAWING ART 117



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Grad Requirement: Fine Arts or Elective

Fee: \$30

In this hands-on studio class, students will learn techniques and methods for creating two dimensional artwork using dry mediums such as graphite, charcoal, colored pencils, and pastels. Students will learn how to actively apply the Elements of Art and Principles of Design to minor and major projects including perspective drawing, still life, portraiture, and more, and will use the 4-step method of art criticism to analyze and communicate about artwork. Students will maintain a personal sketchbook of assigned and self-selected sketches and exercises. In addition, students will gain exposure to various artists, styles, and movements within art history.

PAINTING ART 118



Open to Grades: 9-12

Length of Course: One Semester Credit: 0.5

Prerequisite: None

Grad Requirement: Fine Arts or Elective

Fee: \$30

In this hands-on studio class, students will learn techniques and methods for creating two dimensional artwork using wet mediums such as watercolor, acrylic, and gouache. Students will learn how to actively apply the Elements of Art and Principles of Design to minor and major projects including exploratory and technique-focused paintings in various styles, and will use the 4-step method of art criticism to analyze and communicate about artwork. Students will maintain a personal sketchbook of assigned and self-selected sketches and exercises. In addition, students will gain exposure to various artists, styles, and movements within art history.

ILLUSTRATION ART 110

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Drawing & Painting

Grad Requirement: Fine Arts or Elective

Fee: \$30

Students will further develop the skills learned in Drawing & Painting 1. At this level, students are expected to be self-motivated and come prepared with thematic ideas for their artwork. A focus will be made on individual style, self-expression, and voice. The creative process of sketching, refining, making a final product, and reflecting will be emphasized for individual growth. Artwork from a variety of time periods and cultures will be referenced and explored.

ADVANCED ART ART 103/104



Open to Grades: 10-12

Length of Course: One Semester or Two

Credit: 0.5

Prerequisite: 2 semesters previous art classes

Grad Requirement: Fine Arts or Elective

Fee: \$30

Designed for the more serious art student desiring to further their education after high school. Explore the concept of personal style through design choices similar to AP Studio's more autonomous curriculum. Students are presented with the concept of a project series in portraiture, landscape, figure and still life. Gain a greater understanding of their strengths and weaknesses while mastering major media and styles. Use art sketchbooks to record their thoughts and idea development gains even greater significance, acting as the student's laboratory for the creation and exploration of new ideas.

FINE ARTS VISUAL ARTS

CERAMICS 1 ART 106



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Grad Requirement: Fine Arts or CCTE

Fee: \$30

Discover the limitless potential of shaping 3-D space! This course combines the exploration of wheel thrown, ceramic pottery with mixed media, hand-built sculpture. In this technical ceramics class, the student will continue to learn the materials, tools, skills, techniques, and products associated with ceramics and tile. Projects will explore a variety of commercial applications and related careers. Then move into a creative process for each project that includes sketches to form ideas and develop design, research and advanced methods throughout the process of creating the final product.

CERAMICS 2 ART 108



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Ceramics 1

Grad Requirement: Fine Arts or CCTE

Fee: \$30

We'll build on the basic skills learned in Ceramics 1 to advance to large-scale pottery and mixed-media sculpture. In this technical ceramics class, the student will continue to learn the materials, tools, skills, techniques, and products associated with ceramics and tile. Projects will explore a variety of commercial applications and related careers. Write your own personal artist's statement, engage in self-reflection and critique of our work and that of others in order to achieve a higher level of expertise as we shape space.

AP STUDIO ART:3D CERAMICS ART 200/201



Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Ceramics 1 & 2

Grad Requirement: Fine Arts or Elective

Fee: \$20 + \$96 AP Exam

Intensive one year program intended for the highly motivated Art student. Emphasis is placed upon design concepts & the students producing quality works of art through an ongoing process involving informed investigations and critical decision-making. Submitting an AP Portfolio will allow students to possibly earn a college humanities credit which is applicable to any major. This portfolio consists of a minimum 18-24 original 3 dimensional works of art.

AP STUDIO ART: 2D DRAWING & PAINTING ART 202/203



Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Advanced Art

Grad Requirement: Fine Arts or Elective

Fee: \$20 + \$96 AP Exam

Intensive one year program intended for the highly motivated Art student. Emphasis is placed upon design concepts & the students producing quality works of art through an ongoing process involving informed investigations and critical decision-making. Submitting an AP Portfolio will allow students to possibly earn a college humanities credit which is applicable to any major. This portfolio consists of a minimum of 18-24 original drawings.

FAMILY *and* CONSUMER SCIENCE

FOODS 1 CTE 200

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: None

Grad Requirement: CCTE or Elective Fee: \$25

An introductory exploratory course covering topics ranging from beginning cooking to more advanced skills by the end of semester. Start by learning basic microwavable recipes and advancing to multiple course meals.



FOODS 2 CTE 201

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: Foods 1

Grad Requirement: CCTE or Elective Fee: \$25

A continuation of Foods 1, expanding and building on previous learning, while taking a more in-depth look at cooking. We will explore each food category and multiple ways of preparation including fruit, vegetables, meat, poultry, fish and world cuisines.

FOODS 3 CTE 202

Open to Grades: 10-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: Foods 2

Grad Requirement: CCTE or Elective Fee: \$25

This is an explorative and experimental Foods course to create your own recipes and explore the social media side of food arts. You'll learn how to photograph, video, and share recipes on a class blog.

BAKING & PASTRY CTE 205

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: Foods 1

Grad Requirement: CCTE or Elective

Fee: \$25

Students will learn the basic baking techniques, cake decorating, pastry arts and baking for large groups.



STUDENT GOVERNMENT CTE 174/175

Open to Grades: 9-12

Length of Course: Full Year

Credit: 1.0

Grad Requirement: CCTE or Elective

Prerequisite: Election to ASB Office or Student Council Students are involved in assembly planning, student council meetings, school improvement projects, etc. Perform tasks associated with elected office position. Develop and strengthen their team-building and leadership skills. Students will be expected to do service activities after school hours.



LEADERSHIP CTE 170

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: none

Grad Requirement: CCTE or Elective Want to be a good leader? Students learn the qualities of character and leadership while developing and strengthening leadership skills.



HEALTH HTH 100

Open to Grades: 9

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Grad Requirement: Health or CCTE

Health is a state required course for graduation that can be achieved in one semester. You will receive the skills needed to have a successful, healthy life while analyzing and learning skills to improve your physical, mental and social health.

BUSINESS MARKETING *and* MANAGEMENT

MARKETING 1 CTE 180



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Grad Requirement: CCTE or Elective

An introduction to marketing that allows students to gain a better understanding of the skills they will need for a business career path. Students will have the opportunity to flex their creativity and apply their knowledge through hands-on projects including branding and packaging, promotions, visual presentation, sales, marketing research, and entrepreneurship. Group projects and collaborations with other RHS classes is at the center of this class, therefore students will fine-tune their teamwork skills that are a cornerstone of the business environment.

MARKETING 2 CTE 182



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Marketing 1

Grad Requirement: CCTE or Elective

In this course, the fundamental knowledge and skills students gained in Marketing 1 will be elevated to real-world applications. Through extended critical decision making, problem solving, and creative brainstorming, students will actively promote attendance to RHS sports, plays, band events, yearbook sales and more. Social media marketing will also be introduced and integrated into their plans as a key component to the overall marketing strategy. Similar to Marketing 1, this class continues to build teamwork skills and professional communication.

CAPS – Business, Marketing, & Entrepreneurship CAP 001/002



Open to Grades: 11-12

Length of Course: 2 class periods/

Semester (repeatable up to 4.0 credits)

Credit: 1.0-2.0

Prerequisite: None

Recommended Pathway

Grad Requirement: CCTE or Elective

This provides unique learning experiences that introduce a new theme through targeted business projects and business partner engagement. Students will cover topics in innovation and entrepreneurship, finance, leadership and teamwork, market analysis, communication and technology, project and time management, while in the CAPS facility, Innovation Ridge.



WORK-BASED LEARNING WBL 100

Open to Grades: 9-12

Length of Course: One Semester
(repeatable up to 3.0 credits)

Credit: 0.5-1.0 (Seniors can earn up to 1.0 per semester depending on hours)

Prerequisite: None

Grad Requirement: CCTE or Elective

Do you have a job? Do you want to earn school credit for that job? Work Base Learning allows you to earn CTE or elective credit for the hours you are putting into a job outside of school. If you are working an average of 10-15 hours per week, and plan to stay employed through the semester, Work Base Learning could be right for you!

MANUFACTURING TECHNOLOGY

METAL TECH CTE 130



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: None

Grad Requirement: CCTE or Elective

Fee: \$30

Designed to teach students basic metalworking skills and gain knowledge in preparation for their advancement into the intermediate metal shop courses. This course will introduce students to hand tools as well as portable and stationary power tools. Forge foundry, welding and sheet metal.

MACHINING 1 CTE 125



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: Metal Tech

Grad Requirement: CCTE or Elective

Fee: \$30

Principles of machining and metal cutting using modern machine tools, hand tools and precision measuring instruments. Computer design and programming for running “CNC” computer controlled cutting machines.

MACHINING 2 CTE 126

Open to Grades: 10-12 *not offered 23-24*

Length of Course: One Semester

Credit: 0.5 Prerequisite: Machining 1

Graduation Requirement: CCTE or Elective

Fee: \$30

Principles of machining and metal cutting using modern machine tools, hand tools and precision measuring instruments. Computer design and programming for running “CNC” computer controlled cutting machines.

MACHINING 3 CTE 124

Open to Grades: 11-12 *not offered 23-24*

Length of Course: One Semester

Credit: 0.5 Prerequisite: Machining 2

Grad Requirement: CCTE or Elective

Fee: \$30

Principles of machining and metal cutting using modern machine tools, hand tools and precision measuring instruments. Computer design and programming for running “CNC” computer controlled cutting machines.

Work Experience Opportunities

CCTE students in many cases can pursue what is called a “work-based learning” opportunity or an internship involving a job outside of school.

“Work-based learning” experiences are always paid and earn high school credit. Internships are typically paid but do not earn academic credit.

Counselors and CCTE teachers work with local employers to arrange these opportunities for their students. If you are interested in learning more, reach out to your counselor for more information. **WBL 100**

Student Leadership Organizations

SkillsUSA is a national organization or students exploring trade, industrial, technical health and service-related careers. Areas of competition include architectural drafting, construction, carpentry computer programming, web design and nurse assisting. This organization promotes superior work skills, life-long education, leadership, teamwork, citizenship and community service among its student members. It also strives to build and reinforce self-confidence, work ethic and communication skills.

MANUFACTURING TECHNOLOGY

WELDING 1 CTE 127



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: Metal Tech

Grad Requirement: CTE or Elective

Dual Credit: 1 credit (LCC) Fee: \$30

This course introduces basic welding and cutting. Emphasis is placed on beads applied with gases, mild steel fillers, and electrodes and the capillary action of solder. Upon completion, students should be able to set up welding and oxy-fuel equipment and perform welding, brazing, and soldering processes.

WELDING 2 CTE 128

Open to Grades: 10-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: Welding 1

Grad Requirement: CTE or Elective

Dual Credit: 1 credit (LCC) Fee: \$30

This course introduces basic welding and cutting. Emphasis is placed on beads applied with gases, mild steel fillers, and electrodes and the capillary action of solder. Upon completion, students should be able to set up welding and oxy-fuel equipment and perform welding, brazing, and soldering processes.

WELDING 3 CTE 129

Open to Grades: 10-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: Welding 2

Grad Requirement: CTE or Elective

Dual Credit: 1 credit (LCC) Fee: \$30

This course introduces basic welding and cutting. Emphasis is placed on beads applied with gases, mild steel fillers, and electrodes and the capillary action of solder. Upon completion, students should be able to set up welding and oxy-fuel equipment and perform welding, brazing, and soldering processes.

WOOD TECH CTE 309



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: none

Grad Requirement: CTE or Elective

Fee: \$30

Designed to teach students basic woodworking skills and knowledge in preparation for their advancement into the advanced Woodworking courses. This course will introduce students to hand tools as well as portable and stationary power tools. Must pass this course to move on to Construction or Carpentry.

CONSTRUCTION 1 CTE 330



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: Wood Tech

Graduation Requirement: CTE or Elective

This course is an introduction to the basic building materials, components, methods, and sequences in residential construction. It is designed to give students basic, entry level skills in construction and related trades along with an overview of career opportunities available. Stick framed sheds will be built and delivered to community customers.

CONSTRUCTION 2 CTE 331

Open to Grades: 10-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: Construction 1

Graduation Requirement: CTE or Elective

This course is an introduction to the basic building materials, components, methods, and sequences in residential construction. It is designed to give students basic, entry level skills in construction and related trades along with an overview of career opportunities available. Stick framed sheds will be built and delivered to community customers.

TECHNOLOGY EDUCATION

ANIMATION CTE 138



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: none

Grad Requirement: CCTE or Elective

Learn animation history and principles in a variety of animation mediums including Stop Motion, Motion Graphics, Character Animation and 3D Animation. Experience the magic of animation through a variety of software including Adobe Photoshop, Illustrator, After Effects, Moho and Cinema 4D.

DIGITAL PHOTOGRAPHY 1 CTE 400



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: none

Grad Requirement: Fine Art, CCTE or Elective Fee: \$20

Introductory level course to explore camera operations, photo composition and digital processing. Digital photo graphics will be created and shared and posted every day. Upon completion students will create a collection of quality images.

DIGITAL PHOTOGRAPHY 2 CTE 405

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: Digital Photography 1

Grad Requirement: Fine Art, CCTE or Elective Fee: \$20

Students will further their understanding of basic photography while expanding their portfolios to more challenging photography assignments. Assignments will include both commercial and portrait projects in both Photoshop and Lightroom. Students will create a portfolio of work to demonstrate their photographic skills.

GRAPHIC DESIGN CTE 410



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: none

Grad Requirement: CCTE or Elective

Fee: \$20

Explore the Adobe Creative Suite. Turn your creativity into an array of digital artwork. Learn basic art concepts and how to be a commercial digital artist. Students will develop their digital art skills through graphic design programs and apply design concepts to illustration and explore current trends in industry, layout and typography. Projects will be created in Photoshop, InDesign, and Illustrator.

YEARBOOK CTE 150/151



Open to Grades: 9-12

Length of Course: Full Year

Credit: 1.0 Prerequisite: Graphic Design, Digital Photography or previous Yearbook experience

Grad Requirement: CCTE or Elective

Students will develop and implement photography, graphic design, or writing skills in teams to create OraLue, the Spudder yearbook. We will create a real product and the class culture calls for self-directed and motivated students who are serious about excelling in Journalism, Graphic Design, and Photography as well as the marketing and sales of the book. This is student publication that relies on a highly functioning team environment that understands the deadline-driven and fast-paced nature of publications.

TECHNOLOGY EDUCATION

CAPS DIGITAL DESIGN CAP 007/008

Open to Grades: 11-12

Length of Course: 2 class periods/
Semester

Credit: 1.0 (repeatable up to 4.0
credits)

Prerequisite: None

Recommended Pathway

Grad Requirement: CTE or Elective

This provides unique learning experiences that introduce a new theme through targeted digital media projects and business partner engagement. Students will cover topics in innovation and entrepreneurship, finance, leadership and teamwork, communication and technology,



project and time management, while in the CAPS facility.

AP 2D DIGITAL ART & DESIGN ART 204/205

Open to Grades: 10-12

Length of Course: One Semester

Credit: 1.0-2.0 Prerequisite: Digital Photo 1&2

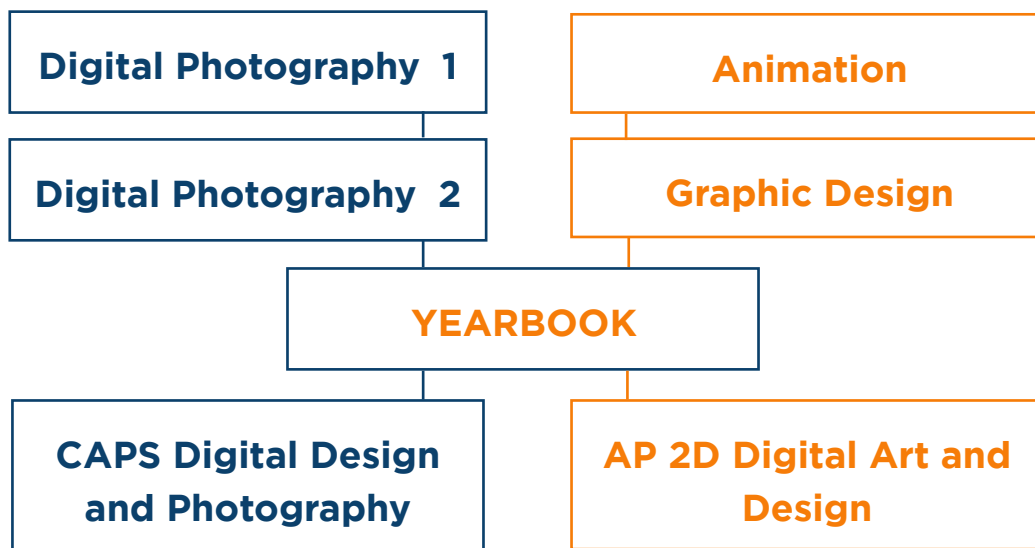
Graphic Design recommended

Graduation Requirement: Fine Art

Fee: \$40 + \$96 AP Fee

This Advanced Placement class will prompt students to create a portfolio consisting of 15 images that investigate an essential question of their choosing through photography, digital/analog manipulation, and written statements. Qualified portfolios may earn students college credit. This is a rigorous course that will require students to complete journal entries and gather content outside of class. Recommended prerequisites are two of the following: Digital Photo I, Digital Photo II, Graphic Design, CAPS (digital media focus). Please email renner@ridgefieldsd.org with any questions.

Possible Pathways



HEALTH SCIENCES

PRINCIPLES OF BIOMEDICAL SCIENCE

CTE 600/601

Open to Grades: 9-12

Length of Course: Full Year



Credit: 1.0

Prerequisite: none

Grad Requirement: CCTE, Science, or Elective

Students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy results, medical history and explore medical treatments that might have prolonged the person's life. The activities and project introduce human physiology, basic biology, medicine and research processes while allowing them to design their own experiments to solve problems.

HUMAN BODY SYSTEMS CTE 610/611

Open to Grades: 10-12

Length of Course: Full Year



Credit: 1.0

Prerequisite: Biomedical Science or Biology

Graduation Requirement: CCTE, Science, or Elective Students examine the interactions of human body systems as they explore identity, power, movement, protection and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®. Use data acquisition software to monitor body functions such as muscle movement, reflex & voluntary action and respiration. Take on the roles of biomedical professionals to solve real-world medical cases.

CAPS HEALTH SCIENCES CAP 003/004

Open to Grades: 11-12

Length of Course: 2 class periods/

Semester



Credit: 1.0 (repeatable up to 4.0 credits)

Prerequisite: None

Recommended Pathway

Graduation Requirement: CCTE or Elective

Students taking the Health Sciences course will receive up-to-date training and experience in the medical field, medical policies and procedures, and current business operations. As a rising industry that provides quality, lasting jobs, students will learn important skills that will be a catalyst to their development and preparation for training within the medical and health sectors. Students will be mentored by experts in the medical field and will enjoy working on real-life projects that will benefit them for years to come.

Student Leadership Organizations

HOSA is a national organization for students exploring health care careers. Students gain leadership and technical HOSA skill competencies through a program of motivation, awareness, and recognition, which is an integral part of the Health Science Education instructional program. Students attend conferences and participate in competitive events and network with peers and health care industry partners.

ENGINEERING

DRONES AND ENGINEERING CTE 512

Open to Grades: 10-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: none

Grad Requirement: CCTE or Elective

Fee: None

Students will apply many different facets of engineering from the design process to understanding flight and FAA guidelines. Students have the potential to earn FAA certification to allow drone flight for the commercial industry.



ENGINEERING: DESIGN & MODELING CTE 500

Open to Grades: 9-12 *not offered 23-24*

Length of Course: Semester

Credit: 0.5 Prerequisite: None

Grad Requirement: CCTE or Elective

Have you used Autodesk Inventor and like to 3D model? Are you curious about designing physical objects using 3D modeling? If so, this class is for you! Students will use an engineering design process to plan, 3D model and prototype solutions of a variety of projects over the course of one semester. Autodesk Inventor is used exclusively for 3D modeling.



ENGINEERING: STRUCTURE & COMPONENTS CTE 510

Open to Grades: 9-12 *not offered 23-24*

Length of Course: Semester

Credit: 0.5

Prerequisite: Algebra 1

Graduation Requirement: CCTE or Elective
Have you used vex robotic components before? Do you like to build, design and test components? If so, this class is for you! Students will use an engineering design process to plan, build and test solutions using vex components.

ENGINEERING: ELECTRONICS & DESIGN CTE 502

Open to Grades: 9-12

Length of Course: Semester

Credit: 0.5

Prerequisite: None

Graduation Requirement: CCTE or Elective
Have you ever wondered how electronics work? Do you want to learn how to design and solder electrical components? If so, this class is for you! Students will learn about circuits and how electrical components work. Students will design circuit boards and learn to solder.

CAPS ENGINEERING CAP 005/006

Open to Grades: 11-12 Length of Course: 2 class periods/Semester

Credit: 1.0 (repeatable up to 4.0 credits) Prerequisite: None

Recommended Pathway Graduation Requirement: CCTE or Elective

This course is for students interested in a combination or rigorous science and engineering fundamentals, entrepreneurship, and innovation. Students use technical knowledge to create solutions to real world problems. Students learn the essential components of Engineering including the Design Process. The student experience is individually tailored to meet the student's engineering interest (chemical, nuclear, civil, mechanical, electrical, aeronautics & astronautics, environmental, architectural, software/computer, advanced manufacturing, and robotics).



COMPUTER SCIENCE

COMPUTER SCIENCE & SOFTWARE I

CTE 520

Open to Grades: 9-12

Length of Course: Semester

Credit: 0.5

Prerequisite: none

Grad Requirement: CCTE or Elective Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation.



COMPUTER SCIENCE & SOFTWARE II

CTE 521

Open to Grades: 9-12

Length of Course: Semester

Credit: 0.5

Prerequisite: CS-I or VRMS Programming II

Graduation Requirement: CCTE or Elective Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation.

COMPUTER SCIENCE & SOFTWARE III

CTE 522

Open to Grades: 9-12

Length of Course: Semester Credit: 0.5

Prerequisite: CS-II or VRMS Programming 3

Graduation Requirement: CCTE or Elective

Application and extension of CS I & II or

VRMS Programming 1-3

First Robotics

FIRST® Robotics Competition is designed for youths grades 9-12 and combines the excitement of sports with the rigor of science and technology. With strict rules, limited resources and time, students are tasked with the challenge of creating an industrial-size robot to compete; they must build and program the robot to compete and cooperate with other teams. FRC teams can be formed in schools or other youth-based organizations and are led by two or more adult mentors to help educate and guide the students in the challenge they've been given, raising funds, designing and maintaining the team brand, and working with their community to earn specific awards. Each year, FIRST® provides teams with a new challenge that focuses on real-world issues that scientists and engineers are facing.

PHYSICAL EDUCATION

FRESHMAN FITNESS PED 108

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5 Prerequisite: none

Grad Requirement: Physical Education

The Freshman Fitness semester class emphasizes correct motor skill movement, confidence in team activities, good sportsmanship, fitness analysis, planning, and improvement in major fitness components.

TEAM SPORTS PED 100

Open to Grades: 9-12

Length of Course: One Semester



Credit: 0.5 Prerequisite: Freshman Fitness

Grad Requirement: Physical Education

Learn a variety of recreational team sports and apply your skills to game play and team tournaments. Team sports will include Basketball, Volleyball, Soccer, and Flag Football!

REC SPORTS PED 115/116

Open to Grades: 9-12

Length of Course: One Semester



Credit: 0.5 Prerequisite: Freshman Fitness

Grad Requirement: Physical Education

Learn a variety of recreational net sports and apply your skills to game play tournaments. Recreational sports include Badminton, Tennis, Pickleball, and Ping Pong!

FITNESS ANYWHERE PED 102

Open to Grades: 9-12

Length of Course: One Semester



Credit: 0.5 Prerequisite: none

Grad Requirement: Physical Education

Yoga, walking, Zuma, HIIT, game play and more! The goal is to find ways to enjoy movement leading you to lifelong health and fitness.

WEIGHTS & CONDITIONING PED 110

Open to Grades: 9-12

Length of Course: One Semester



Credit: 0.5 Prerequisite: none

Grad Requirement: Physical Education

This class is aimed at the beginning to advanced strength training students who are dedicated to increasing muscular strength, endurance and health related fitness. Students will engage in various programs focused on improving overall functional strength and fitness.

DANCE PED 113

Open to Grades: 9-12

Length of Course: One Semester



Credit: 0.5 Prerequisite: none

Grad Requirement: Physical Education

Students will learn basic techniques of tap, jazz, and theatre dance. Students will participate in dance-based conditioning and warm-ups that align with PE standards and give students total body fitness.

SPORTS DEVELOPMENT PED 210

Open to Grades: 9-12

Length of Course: One Semester



Credit: 0.5 Prerequisite: Athletes only

Grad Requirement: Physical Education

This class is aimed at the beginning to advanced strength training student/athlete who is dedicated to increasing muscular strength, power and sport-related fitness. Students will engage in various strength and performance training programs focused on improving overall functional strength, power, speed, agility, balance and overall fitness. Olympic lifting and sport related conditioning will be emphasized.

PHYSICAL EDUCATION

HIGH PERFORMANCE TRAINING

PED 212/214



Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Weights & Varsity athlete or coach recommendation, must provide own transportation

Grad Requirement: Physical Education

This is a zero hour class aimed at sport team training for increasing strength and size.

INDEPENDENT STUDY PE PED

Open to Grades: 11-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Counselor recommendation and application

Grad Requirement: Physical Education

This class will allow for independent learning due scheduling conflicts that prohibit a student from enrolling in a traditional PE class. Students will meet PE standards and be required to perform standards-based fitness testing, at 4 in-person, after-school check ins per semester.

NCAA/NAIA

If you are planning on participating in Division I or II sports at the college level you must register with the NCAA and NAIA Clearinghouses and bring release of information form to your counselor - without this form you cannot compete at the national level.

Visit www.eligibilitycenter.org or www.playnaia.org for more information.

SAT/ACT REGISTRATION: Use code “9999” for NCAA Clearinghouse and code “9876” for NAIA Clearinghouse.

additional ELECTIVE OPTIONS

OFFICE ASSISTANT OR TEACHER’S AIDE

AID 100/101

Open to Grades: 11-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: none

Graduation Requirement: Elective

Students responsible to assist staff with clerical duties, equipment setup or tasks assigned as needed. Must receive pre-approval for this role.

VALUING DIVERSITY

Ridgefield School District values the diverse ethnic heritage of the students we serve and believes to be prepared for today's global society and workforce, students must be able to understand, appreciate, work with and learn from people with cultures and backgrounds different from their own.

We understand educating our children requires a partnership. Students need support at home and from the community to succeed in school and life. Each student is unique and learning styles are different. We believe the diversity of our school community, which in simplest terms means the ways in which people are different, enhances the district's ability to implement our goals.

Education involves acknowledging and valuing what is comfortable and known and leading students to an understanding and appreciation of what is new and different. Encountering different perspectives, ideas, ways of thinking, and understandings is an essential part of this process. Through their experience with such differences students develop the ability to think critically, to make informed judgments, to imagine, to understand, and to grow. Helping students understand their connection to the world and to each other will enable them not only to achieve their highest potentials, but also to serve as strong and effective leaders. This principle is at the heart of our mission to foster unlimited possibilities.

NON-DISCRIMINATION STATEMENT

Ridgefield School District does not discriminate on the basis of sex, race, color, national origin, disability, or age in its program or activities. Ridgefield School District offers classes in many career and technical education program areas under its open admissions policy. For more information about CTE course offerings and admissions criteria, contact CTE Director Tiffany Gould at (360) 619-1317. Lack of English language proficiency will not be a barrier to admission and participation in career and technical education programs. The following people have been designated to handle inquiries regarding the district's non-discrimination policies:

Chris Griffith, Title IX/Civil Rights Compliance Coordinator
Email: chris.griffith@ridgefieldsd.org
Phone: (360) 619-1304
Mailing Address: 510 Pioneer Street, Ridgefield, WA 98642

-or-

Dr. Michael Baskette, Section 504/ADA Coordinator
Email: michael.baskette@ridgefieldsd.org
Phone: (360) 619-1348
Mailing Address: 510 Pioneer Street, Ridgefield, WA 98642

