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# RIDGEFIELD 

## 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

Completion of state testing pathways in the areas of English Language Arts and Math.


## Questions?



## COLLEGE mad HoLARS HIP

## COLLEGE ENTRANCE EXAMS - CEEB CODE 481-005

## SAT Reasoning and Subject www.collegeboard.org

## ACT www.actstudent.org

Remember to have your test scores sent to colleges. You may choose four colleges on the registration application. If you need to have your scores sent to more than four schools, go to www.collegeboard.com. There is a fee per school.

## FINANCIAL AID

Financial aid is available for state and public schools, community colleges, and technical schools. Free Application for Federal Student Aid (FAFSA www.fafsa.ed.gov) required by all colleges for federal and state aid. You can file starting October 1st.

There will be a Financial Aid Information Night held at RHS in the fall. Please watch for the official date and time and be sure to attend. There are also multiple informational meetings held at WSU-Vancouver.

## SCHOLARSHIP INFORMATION

Check in with the High School and Beyond Office in the library frequently for local scholarship information. New scholarships will be announced periodically in the bulletin. Be sure to check with your college of choice for scholarships available at their institution. The internet can be a useful source. National scholarship searches can be done at www.fastweb.com or a statewide scholarship search engine is www.thewashboard.org.

## 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 forms to your Counselor. Without this form you cannot compete at the National level. Please go online at www.eligibilitycenter.org for more information or www.playnaia.org

Please note that by registering for the SAT/ACT with the code "9999", your scores will be sent directly to the NCAA Clearinghouse and code "9876" will have them sent to the NAIA Clearinghouse.

The entrance requirements for each college/university other than the six fouryear Washington Universities may be different. It is important to research
each institution's admission requirements. There are alot of good college sites to investigate; one example is www.bigfuture.collegeboard.org.

## EN <br> FRESHMAN

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## LISH

ENGLISH 9 ENG 100/102
Open to Grades: 9
Length of Course: Full Year
Credit: 1.0
Prerequisite: None
Grad Requirement: English 9
This is a required course for all ninth graders. 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.

## SOPHOMORE

ENGLISH 10 ENG 200/202
Open to Grades: 10
Length of Course: Full Year
Credit: 1.0
Prerequisite: English 9
Grad 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.

Ridgefield High School has adopted an automatic academic acceleration policy (RCW 28A.320.195) for English language arts. Beginning with the 2023-2024 school year, tenth grade students who meet or exceed the state standard (score a 3 or 4) on the tenth grade SBAC will be automatically enrolled in AP English Language and Composition for their Junior year. This will override all previous forecasting. Students who have been autoaccelerated have an opportunity to opt out and enroll in English 11 . They must do so by a set date each year.

JUNIOR
ENGLISH 11 ENG 300/302
Open to Grades: 11
Length of Course: Full Year
Credit: 1.0
Prerequisite: English 10
Grad 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
Grad Requirement: English 11
Fee: $\$ 98$ if taking the AP Exam
AP English Language and Composition is
an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. Texts and writing tasks are recommended by the College Board and help the students prepare for the AP exam in May.


## SENIOR

ENGLISH 12 ENG 421/422
Open to Grades: 12
Length of Course: Full Year
Credit: 1.0
Prerequisite: English 11
Grad 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 <br> Open to Grades: 12 <br> 

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
Grad Requirement: English 12
This class is designed to benefit students both personally and professionally. The overarching goals are to improve communication skills on different levels for different purposes, develop thoughtful thinkers and contributing citizens, and for students to understand how effort,
performance, and decisions directly impact everyday life and overall success, both now and in the future. Lessons focus on the following communication types: verbal, nonverbal, written, listening, visual, electronic, and professional/formal. Areas of study include: intrapersonal and interpersonal communication, mass and social media, public speaking, small group communication, and conflict resolution. Students will also recognize how culture, gender, age, and other aspects influence communication. This course provides many opportunities for engagement, reflection, and growth.

## AP LITERATURE AND COMPOSITION ENG 501/502 <br> Open to Grades: 12 <br> 

Length of Course: Full Year
Credit: 1.0
Prerequisite: English 11 or AP Language and Composition
Grad Requirement: English 12
Fee: $\$ 98$ if taking the AP Exam
This course aligns to an introductory collegelevel literary analysis course. It best fits students who enjoy reading novels, plays, poems, and short stories. Students will engage in close reading and critical analysis of texts and deepen their understanding of how 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. Writing is also an integral part of the course. 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 Grad Requirement: Algebra Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of linear, exponential and quadratic 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
Grad 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.

ALGEBRA 2 MTH 300/302
Open to Grades: 10-12
Length of Course: Full Year Credit: 1.0
Prerequisite: Geometry
Grad Requirement: 3rd year Math option
Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of polynomials, exponential, radical, rational, logarithmic and trigonometric functions. Algebra 2 is a necessary class for post-secondary education.

## APPLIED MATH MTH 402/403

Open to Grades: 11-12
Length of Course: Full Year
Credit: 1.0
Prerequisite: Geometry
Graduation Requirement: 3rd year math option or can be taken after Algebra 2
Discrete Math is the mathematics of decision making and optimization for finite settings. This course takes a hands-on approach to concrete math concepts with real world applications. This course is recommended for students who struggled in Algebra or Geometry and/or whose post-high school plan does not include college level math.

## PROBABILITY AND STATISTICS <br> MTH 400/401

Open to Grades: 11-12
Length of Course: Full Year
Credit: 1.0
Prerequisite: Algebra and Geometry Grad Requirement: 3rd year Math option Students build conceptual understanding 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.

## MATH

PRE-CALCULUS MTH 303/304
Open to Grades: 11-12
Length of Course: Full Year
Credit: 1.0 Option to receive dual credit
through Central Washington University
Prerequisite: Algebra 2
Grad Requirement: Math
Students build conceptual understanding, procedural fluency and mathematical reasoning though 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
Grad Requirement: Math
Fee: \$98 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
Grad Requirement: Math
Fee: \$98 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 STATISTICS MTH 430/431
Open to Grades: 12
Length of Course: Full Year
Credit: 1.0
Prerequisite: Algebra 2
Grad Requirement: Math
Fee: $\$ 98$ if taking the AP Exam
Students are introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The four themes in the AP Statistics course are: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. The course will combine elements of mathematical probability; real world examples; and writing, hypothesis generation, synthesis and interpretation. Students are encouraged to take the AP Exam in May.

## SC IENC $\square$

PHYSICAL SCIENCE SCI 100/101
Open to Grades: 9
Length of Course: Full Year
Credit: 1.0
Prerequisite: None
Grad Requirement: Physical Science In physical science, students will study a wide range of topics that serve as an introduction to fundamental principles in physics and chemistry. This course will cover the science principles of Motion and Forces, Energy, Electricity and Magnetism, Atomic Structure and the Periodic Table, Chemical Reactions, and Wave concepts. Overall, 9th grade physical science aims to provide students with a foundational understanding of key concepts in physics and chemistry, preparing them for more advanced studies in these fields.

## ADVANCED BIOLOGY/PHYSICAL SCI SCI 118/119

Open to Grades: 9
Length of Course: Full Year
Credit: 1.0
Prerequisite: MS Science Teacher
Recommendation
Grad Requirement: Physical or Life 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.

BIOLOGY SCI 105/106
Open to Grades: 10
Length of Course: Full Year
Credit: 1.0
Prerequisite: Physical Science Grad 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

AP BIOLOGY SCI 200/205
Open to Grades: 10-12
10th must have teacher approval Length of Course: Full Year Credit: 1.0
Prerequisite: Biology
Grad Requirement: Life or Elective Science and CCTE
Fee: $\$ 98$ if taking the AP Exam This is an introductory college-level course focusing on three major areas: Molecules and Cells; Heredity and Evolution; and Organisms and 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
Grad 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.

## AP CHEMISTRY SCI 500/502

Open to Grades: 10-12
Length of Course: Full Year
Credit: 1.0
Prerequisite: Chemistry recommended
Grad Requirement: Physical or Elective
Science
Fee: $\$ 98$ 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.

PHYSICS SCI 400/402
Open to Grades: 11-12
Length of Course: Full Year
Credit: 1.0
Prerequisite: Geometry, Biology
Grad 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.

## AP PHYSICS 1 SCI 503/505

Open to Grades: 11-12
Length of Course: Full Year
Credit: 1.0
Prerequisite: Geometry Required, Algebra 2 and Chemistry recommended
Grad Requirement: Physical or Elective
Science
Fee: $\$ 98$ if taking the AP Exam AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics by developing models of physical phenomena through inquirybased investigations. Students build their understanding of physical models as they explore and solve problems in these topics: Kinematics, Forces and Translational Dynamics, Work, Energy, Power, Linear Momentum, Torque and Rotational Dynamics Energy and Momentum of Rotating Systems, Oscillations and Fluids.

## AP PHYSICS 2 SCI 504/506

Open to Grades: 11-12
Length of Course: Full Year
Credit: 1.0
Prerequisite: AP Physics 1
Grad Requirement: Physical or Elective Science Fee: \$98 if taking the AP Exam
AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and handson, inquiry-based laboratory work covering the topics of fluid mechanics; thermodynamics; electricity and magnetism; optics; and quantum, atomic, and nuclear physics.

## ENVIRONMENTAL SCIENCE

 SCI 305/306
## $\square$

Open to Grades: 11-12
Length of Course: Full Year
Credit: 1.0
Prerequisite: Biology
Grad Requirement: Lab Science
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.

## Social Studies Requirements

FRESHMAN SOPHMORE JUNIOR SENIOR

No class required
WORLD HISTORY
US HISTORY

CONTEMPORARY WORLD ISSUES/ CIVICS

WORLD HISTORY SOC 101/102
Open to Grades: 10
Length of Course: Full Year
Credit: 1.0
Prerequisite: None
Grad Requirement: World History
This course will examine events in Europe, Latin America, Africa, Middle East, and Asia from approximately 900 BCE to the modern era. Each of the 6 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 and various types.

## FRESHMAN

SOPHMORE
JUNIOR
SENIOR
ELECTIVE

## AP HUMAN GEOGRAPHY

AP WORLD HISTORY
AP US HISTORY
AP GOVERNMENT
AP PSYCHOLOGY

AP HUMAN GEOGRAPHY SOC 315/316
Open to Grades: 9-12
Length of Course: Full Year


Credit: 1.0 Prerequisite: None
Grad Requirement: World History
Fee: $\$ 98$ if taking the AP exam
This is an introductory course in Human
Geography equivalent to a college-level course that 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 socioeconomic organization and its environmental consequences. 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
Grad Requirement: World History
Fee: $\$ 98$ if taking the AP Exam
In this course students will develop a greater understanding of historical events and patterns from 1200 to Present. This course involves heavy college-level reading, analysis of documents, and frequent essay writing. Students considering AP courses should be prepared for a rigorous learning experience and are encouraged to take the AP Exam in May.

US HISTORY SOC 201/202
Open to Grades: 11
Length of Course: Full Year
Credit: 1.0
Prerequisite: None
Grad 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
Grad 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 Social Studies course
Grad Requirement: US History
Fee: $\$ 98$ 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 Social Studies course
> Grad Requirement: Government Fee: $\$ 98$ 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

 Only counts as an elective credit Open to Grades: 10-12Length of Course: Full Year Credit: 1.0 Prerequisite: None 표
Grad Requirement: Elective
Fee: $\$ 98$ 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
Grad 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
Grad 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
Grad 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 \& written exercises. Spanish culture is studied through activities in art, music, history, and popular culture.


#### Abstract

AP SPANISH LANGUAGE AND CULTURE WL 108/109 Open to Grades: 11-12 Length of Course: Full Year Credit: 1.0 Prerequisite: Spanish 3 Grad Requirement: World Language Fee: $\$ 98$ if taking the AP Exam The AP Spanish Language and 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 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.

# WORLD LANGUAGE 

FRENCH 2 WL 202/203
Open to Grades: 10-12
Length of Course: Full Year
Credit: 1.0
Prerequisite: French 1
Grad 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
Grad 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.

FRENCH 4 WL 206/207
Open to Grades: 12
Length of Course: Full Year
Credit: 1.0
Prerequisite: French 3
Grad 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.

## AMERICAN SIGN LANGUAGE ASL 1 WL 300/301 <br> Open to Grades: 9-12 <br> 

Length of Course: Full Year
Credit: 1.0
Prerequisite: None
Grad Requirement: World Language and CCTE
This course is designed to acquaint students with the methods and techniques of learning and using American Sign Language (ASL).

AMERICAN SIGN LANGUAGE ASL 2 WL 302/303
Open to Grades: 10-12


Length of Course: Full Year
Credit: 1.0
Prerequisite: ASL 1
Grad Requirement: World Language and CCTE
This course is designed for students who wish to continue on with their ASL studies to complete two years of a world language. Students will have a deeper understanding of signs, deaf culture and expand on what has been learned previously in ASL 1.

BEGINNING BAND MUS 022/033
Open to Grades: 9-12
Length of Course: Full Year
Credit: 1.0
Prerequisite: None
Grad Requirement: Fine Arts or Elective
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 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.

PERCUSSION MUS 015/016
Open to Grades: 9-12


Length of Course: Full Year
Credit: 1.0
Prerequisite: None
Grad 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.

ADVANCED BAND MUS 001/002
Open to Grades: 10-12
Length of Course: Full Year dim
Credit: 1.0
Prerequisite: Audition
Grad Requirement: Fine Arts or Elective
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 ensemblefocused setting. The band performs throughout the school year at concerts, festivals, and pep band events. Attendance at evening performance obligations will be expected.

## ADVANCED MUSIC STUDY MUS 024/025

Open to Grades: 11-12
Length of Course: Semester Credit: 0.5
Prerequisite: Concurrent enrollment in Band or Choir
Grad Requirement: Fine Arts or Elective, repeatable for credit. Designed for any Choir or Band student interested in continuing music beyond high school, this course will focus on building and teaching music theory, solo literature preparation and performance, music history, and other music-related topics that prepare students for college entrance and scholarship auditions, as well as how to be successful as a musician on a college campus.

## 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
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
Grad 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 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
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.

## THEATRE 1 ELE 121

Open to Grades: 9-12
Length of Course: One Semester Credit: 0.5
Prerequisite: None
Grad 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
Grad 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 <br> Open to Grades: 10-12

Length of Course: One Semester
Credit: 0.5
Prerequisite: Theatre 2
Grad 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! College credit for this course can be earned at Central Washington University. 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.

STAGECRAFT ELE 170
Open to Grades: 9-12
Length of Course: One Semester
Credit: 0.5
Prerequisite: None
Grad 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 AND SOUND DESIGN ELE 126

Open to Grades: 9-12
Length of Course: One Semester Credit: 0.5
Prerequisite: None
Grad 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.

DRAWING ART 117
Open to Grades: 9-12 Length of Course: One Semester Credit: 0.5 Prerequisite: None Fee: $\$ 30$ Grad Requirement: Fine Arts or Elective 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 113
Open to Grades: 9-12 Length of Course: One Semester Credit: 0.5 Prerequisite: None Fee: \$30 Grad Requirement: Fine Arts or Elective 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 selfselected 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 Fee: \$30
Prerequisite: Drawing or Painting (both recommended)
Grad Requirement: Fine Arts or Elective Illustration builds off of the skills students developed in Drawing and/or Painting with an emphasis on using visual mediums to communicate specific messages to explain, persuade, and entertain. Artists are expected to make increasingly independent decisions regarding style, medium, and composition. 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 <br> Open to Grades: 10-12

Length of Course: One Semester or Two Credit: 0.5 Fee: \$30
Prerequisite: 2 semesters previous art classes
Grad Requirement: Fine Arts or Elective 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.

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 will 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 and 2
Grad Requirement: Fine Arts or Elective
Fee: \$30 + \$98 AP Exam
Intensive one year program intended for the highly motivated Art student. Emphasis is placed upon design concepts and 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 AND PAINTING ART 202/203 <br> Open to Grades: 11-12 Pr

 Length of Course: Full Year Credit: 1.0Prerequisite: Advanced Art Grad Requirement: Fine Arts or Elective Fee: \$30 + \$98 AP Exam Intensive one year program intended for the highly motivated Art student. Emphasis is placed upon design concepts and 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.

## FAMIIY ${ }^{\text {and }}$ 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: \$30
An introductory exploratory course covering topics ranging from beginning cooking to more advanced skills by the end of semester. Start by learning basic knife skills and recipes, then advancing to multiple course meals, as well as learning to cook various world cuisines.

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: \$30
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 of vegetables, meat, and various world cuisines.

## FOODS 3 CTE 202

Open to Grades: 10-12
Length of Course: One Semester Credit: 0.5 Dual Credit Clark College
Prerequisite: Foods 2 and Baking and Pastry Grad Requirement: CCTE or Elective
Fee: \$30
This is an explorative and experimental Foods course to create your own recipes and explore the social media side of food arts. You will learn how to photograph, video, and share recipes on a class blog.

BAKING AND 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: \$30
Students will learn the basic baking techniques such as cake decorating, piping skills, pastry arts, savory baking, and more.

HEALTH hth 100
Open to Grades: 9
Length of Course: One Semester
Credit: 0.5
Prerequisite: None
Grad Requirement: Health
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. You will learn how individual lifestyles, genetics, family, peers, and media influence one's health. Emphasis is placed on assuming responsibility for your own health and being positive role models for others by sharing knowledge and increasing awareness.

## 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, and Entrepreneurship CAP 001/002


Open to Grades: 11-12
Length of Course: One Semester or Full Year
Credit: 1.0-2.0 Dual Credit Missouri South State University
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.


Center for Advanced Professional Studies (CAPS) at Innovation Ridge is part of a network of nationally recognized, innovative high school programs. It gives students an opportunity to be fully immersed in a professional culture, solving real world problems using industry standard tools while being mentored by actual employers. It's an example of how business, community, and public education can partner to produce personalized learning experiences that educate the workforce of tomorrow in highskill, high-demand jobs.


## BUSINESS MARKETING $m$ 

STUDENT GOVERNMENT CTE 174/175
Open to Grades: 9-12
Length of Course: Full Year Credit: 1.0
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 teambuilding and leadership skills. Students will be expected to do service activities after school hours.

LEADERSHIP CTE 170
Open to Grades: 9-12

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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.

# WORK BASED Learning 

## WORK-BASED LEARNING WBL 100 <br> Open to Grades: 9-12 <br> 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!

# SKILED TECHNICAL SCIENCES 

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
Length of Course: One Semester
Credit: 0.5
Prerequisite: Machining 1
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 3 CTE 124

Open to Grades: 11-12
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.

## SKILLED and TECHNICAL SCIENCES

WELDING 1 CTE 127
Open to Grades: 9-12
 Length of Course: One Semester Credit: 0.5
Dual Credit LCC or Clark College
Prerequisite: Metal Tech
Grad Requirement: CCTE or Elective
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
Dual Credit LCC or Clark College
Prerequisite: Welding 1
Grad Requirement: CCTE or Elective
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
Dual Credit LCC or Clark College
Prerequisite: Welding 2
Grad Requirement: CCTE or Elective
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.

# SKILLED and TECHNICAL SCIENCES 

WOOD TECH CTE 309
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 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
Grad Requirement: CCTE or
Elective
Fee: \$30
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
Grad Requirement: CCTE or Elective
Fee: \$30
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.

CORE PLUS CONSTRUCTION CTE 336/337
Open to Grades: 9-12
Length of Course: Full Year
Credit: 1.0
Prerequisite: none
Grad Requirement: CCTE or Elective
Fee: \$30
This course introduces students to the fundamentals of residential construction, covering building materials, methods, and sequences. It aims to equip them with entry-level skills in construction and related trades while providing an overview of career opportunities. Additionally, students will engage in hands-on learning, mastering various construction trades including framing, finish carpentry, roof framing, estimations, green construction, and weatherization. Emphasizing safety throughout, students will gain proficiency in using tools and power machines to produce finished products. Working in pairs, they will rotate through self-guided building trade techniques, honing teamwork skills essential in any workplace. These acquired skills and work ethic are transferable, benefiting students in any chosen career path.

## ART, AUDIO/VISUAL TECHNOLOGY and COMMUNICATION

## 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 with 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.

## ANIMATION 1 CTE 138

Open to Grades: 9-12
Length of Course: One Semester
Credit: 0.5
Prerequisite: None
Grad Requirement: Fine Art, 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.

## ANIMATION 2 CTE 139

Open to Grades: 9-12
Length of Course: One Semester
Credit: 0.5
Prerequisite: Animation 1
Grad Requirement: Fine Art, CCTE or Elective
Continue with your animation journey with advanced principles and techniques in this largely 3D animation course. Students will train in Cinema 4D or if they choose, Blender. Students will increase their knowledge and skill of modeling, lighting, materials, animation, and storytelling through lessons and larger student driven projects. Client projects, Careers, and College pathways will also be a big part of this course that will prepare you for a future in advanced computer graphics. Render stylized characters, scenes, products, and simulations in this course while you discover your storytelling voice!

## ART, AUDIO/VISUAL TECHNOLOGY and COMMUNICATION

GRAPHIC DESIGN 1 CTE 410
Open to Grades: 9-12
Length of Course: One Semester Credit: 0.5
Dual Credit Clark College
Prerequisite: None
Grad Requirement: Fine Art, 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.

GRAPHIC DESIGN 2 CTE 411
Open to Grades: 9-12


Length of Course: One Semester Credit: 0.5
Prerequisite: Graphic Design 1
Grad Requirement: Fine Art, CCTE or Elective
Fee: $\$ 20$
Utilizing your skills and knowledge of basic graphic design techniques, you'll increase your abilities through advanced projects, technique and study of design in our world. Photoshop, Illustrator, and InDesign are still at the heart of this class, but you'll expand your knowledge of illustration, typography, layout, and design this semester. Earn Dual Credit through Clark Community College articulated curriculum as well!

YEARBOOK CTE 150/151
Open to Grades: 9-12
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Length of Course: Full Year
Credit: 0.5
Prerequisite: Graphic Design, Digital Photography or previous Yearbook experience
Grad Requirement: Fine Art, 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 motivatedstudents 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 deadlinedriven and fast-paced nature of publications.

## ART, AUDIO/VISUAL TECHNOLOGY and COMMUNICATION

## CAPS DIGITAL DESIGN

CAP 007/008


Open to Grades: 11-12
Length of Course: One Semester Credit: 1.0-2.0
Dual Credit Missouri South State

## University

Prerequisite: None
Recommended Pathway
Grad Requirement: Fine Art, CCTE 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 AND DESIGNPHOTOGRAPHY FOCUS ART204/205

Open to Grades: 10-12
Length of Course: Full Year
Credit: 1.0-2.0
Prerequisite: Digital Photo 1 and 2 Graphic Design recommeded
Grad Requirement: CCTE or Art
Fee: \$30 + \$98 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).

## PRINCIPLES OF BIOMEDICAL SCIENCE CTE 600/601 <br> Open to Grades: 9-12 <br> 

Length of Course: Full Year
Credit: 1.0
Prerequisite: None
Grad Requirement: CCTE, Science, or Elective
Through both individual and collaborative team activities, projects, and problems, students will tackle real-world challenges faced by biomedical professionals in the field. They will work with the same tools and equipment used in hospitals and labs as they engage in relevant hands-on work. Students will develop skill in technical documentation to represent and communicate experimental findings and solutions to problems. In addition, students will explore how connections to other disciplines such as computer science and engineering shape the future of medicine and practice collaboration techniques that will help them connect with professionals across any field.

## HUMAN BODY SYSTEMS CTE 610/611

Open to Grades: 10-12
Length of Course: Full Year


Credit: 1.0
Prerequisite: Biomedical Science or Biology Grad 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 ${ }^{\oplus}$. 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/One Semester
Credit: . 5
Dual Credit Missouri Southern State
University
Prerequisite: None Recommended Pathway
Grad 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.

## STEM

## ENGINEERING: DESIGN AND MODELING

CTE 500
Open to Grades: 9-12
Length of Course: One 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: ELECTRONICS AND

 DESIGN CTE 502Open to Grades: 9-12
Length of Course: One Semester
Credit: 0.5
Prerequisite: None
Grad 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.

## ENGINEERING: STRUCTURE AND COMPONENTS CTE 510

Open to Grades: 9-12
Length of Course: One Semester Credit: 0.5
Prerequisite: Algebra 1
Grad 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.

## DRONES AND ENGINEERING CTE 512 <br> 

Open to Grades: 10-12
Length of Course: One Semester Credit: 0.5
Prerequisite: None
Grad Requirement: CCTE or Elective 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.

## COMPUTER SCIENCE

COMPUTER SCIENCE AND SOFTWARE I
CTE 520
Open to Grades: 9-12
Length of Course: One Semester


Credit: 0.5
Prerequisite: None
Grad Requirement: CCTE or Elective Using Python ${ }^{\text {® }}$ 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 AND SOFTWARE 2

CTE 521
Open to Grades: 9-12
Length of Course: One Semester
Credit: 0.5
Prerequisite: CS-I or VRMS Programming II Grad Requirement: CCTE or Elective Using Python ${ }^{\text {® }}$ 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 AND
SOFTWARE 3 CTE 522
Open to Grades: 9-12
Length of Course: One Semester
Credit: 0.5
Prerequisite: CS-II or VRMS
Programming 3
Grad Requirement: CCTE or Elective Applicaiton and extension of CS I and II or VRMS Programming 1-3

## AP COMPUTER SCIENCE PRINCIPLES

 CTE 525/526Open to Grades: 9-12
Length of Course: 1 year/2 semesters Credit: 1.0
Prerequisite: CS-2 or VRMS
Programming 3
Fee: $\$ 98$ if taking the AP exam Grad Requirement: CCTE or Elective This Advanced Placement class builds on previous Python based coding experience covering a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. Qualified coding projects and exams may earn students college credit.

## 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: Freshman Fitness 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 AND CONDITIONING PED 110

Open to Grades: 9-12
Length of Course: One Semester
 Credit: 0.5
Prerequisite: Freshman Fitness 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
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Length of Course: One Semester Credit: 0.5
Prerequisite: Freshman Fitness 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.

HIGH PERFORMANCE TRAINING PED 212/214


Open to Grades: 9-12
Length of Course: One Semester Credit: 0.5
Prerequisite: Weights and Varsity Athlete with coach recommendation
Grad Requirement: Physical Education This is a zero hour class aimed at sport team training for increasing strength and size.

## PHYSICAL EDUCATION

## 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 to 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
Grad 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 nondiscrimination 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


