

RHS COURSE GUIDE

2021 – 2022

Ridgefield High School
 2630 S. Hillhurst Rd.
 Ridgefield, WA 98642
 Phone: 360-619-1320
 Fax: 360-619-1395



Christen Palmer, Principal
 Allen Andringa, Assistant Principal
 Barnaby Gloger, Assistant Principal
 Brynan Shipley, Dir. of Athletics/Activities

<i>Course Requirements</i>	<i>RHS Graduation Requirements</i>	<i>Technical Pathway</i>	<i>Academic Pathway</i>
English 9 th Grade (1 year) 10 th Grade (1 year) 11 th Grade (1 year) 12 th Grade (1 year)	4	4	4
Mathematics	3	3	4
Social Studies World History/AP World History/ AP Human Geography (1 year) US History/AP US History (1 year) Contemporary World Issues AP Government (1 year)	3	3	3
Science Physical (1 year) Life Science (1 year) Lab Science (1 year)	3	3	3
Career & Technical Education	1	3	1
Fitness/PE	1.5	1.5	1.5
Health	.5	.5	.5
Fine Arts	2	1	1
World Language	2	0	2
Elective Credits	4	4	4
MINIMUM CREDITS REQUIRED	24	24	24

GRADUATION REQUIREMENTS

REQUIREMENTS TO RECEIVE A HIGH SCHOOL DIPLOMA FROM RIDGEFIELD PUBLIC SCHOOLS

1. Credit Requirements: A minimum of 24 credits are required for Class of 2021 and beyond. 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.
2. High School and Beyond Plan-The HSBP is required for graduation. It is developed throughout high school, with extensive focus in the senior year. Counselors provide guidance and technical assistance to students, parents, teachers, and administrators in this process.
3. Successful completion of state testing requirements or equivalents in the areas of English Language Arts, Science and Math.

COLLEGE / SCHOLARSHIP INFORMATION

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 & 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 four-year Washington Universities may be different. It is important to research each institution's admission requirements. There are lots of good college sites to investigate; one example is <https://bigfuture.collegeboard.org>.

ENGLISH

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.

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.

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: \$95 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 required to take the AP exam in May.

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.

ENGLISH 12 – MEDIA LITERACY IN THE DIGITAL AGE AND COMMUNICATION SKILLS (ENG 441/442)

Open to Grades: 12

Length of Course: Full Year

Credit: 1.0

Prerequisite: English 11

Graduation Requirement: English 12

For one semester this course will give students an opportunity to study English through a news and digital media perspective. Students will explore how we interact with mass media, including social media, newspapers, magazines, and television on a regular basis. Students will deepen their knowledge on common logical fallacies and how those impact our understanding of the author's or writer's argument. In addition, for the other semester this course will focus on speaking, listening, and discussion skills to prepare students for future careers and advancement opportunities.

ENGLISH

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: \$95 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 1A (MTH 110/111)

Open to Grades: 9

Length of Course: Full Year

Credit: 1.0

Prerequisite: None

Graduation Requirement: Algebra

Students approach algebra concepts at a slower pace. Algebra 1A is the first semester of Algebra 1 spread over two semesters. Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of pre-algebra, solving equations and linear concepts. Students are placed into this class by need or teacher recommendation.

ALGEBRA 1B (MTH 113/114)

Open to Grades: 10

Length of Course: Full Year

Credit: 1.0

Prerequisite: Algebra 1A

Graduation Requirement: Algebra

Students approach algebra concepts at a slower pace. Algebra 1B is the second semester of Algebra 1 spread over two semesters. Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of exponents, linear systems, exponential and quadratic functions. Students are placed into this class by need or teacher recommendation.

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.

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.

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.

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 will learn to understand probability concepts, increase statistical and risk literacy. Students will be exposed to how probability factors into decision-making, decision theory, risk and risk assessment. 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.

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

Students build conceptual understanding, procedural fluency and mathematical reasoning through investigation of all previously covered functions, vectors, parametric equations, matrices and conic sections.

MATH

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: \$95 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 must 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: \$95 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 must take the AP Exam in May.

SCIENCE

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 BIO/PHYS (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 science impacts daily life around the world with introductory chemistry and physics.

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.

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.

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.

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.

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

Graduation Requirement: Life or Elective Science & CTE

Fee: \$95 AP Exam

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

AP CHEMISTRY (SCI 500/502)

Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Instructor approval, recommend Chemistry

Graduation Requirement: Physical or Elective Science

Fee: \$95 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 required to take the AP Exam in May.

SOCIAL STUDIES

AP HUMAN GEOGRAPHY (SOC 315/316)

Open to Grades: 9-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Pass iReady reading & comprehension test(8th gr)

Graduation Requirement: World History

Fee: \$95 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 required to take the AP Exam in May.

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.

AP WORLD HISTORY (SOC 310/311)

Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Pass iReady reading & comprehension test(8th gr)

Graduation Requirement: World History

Fee: \$95 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 required 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

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.

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

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 required to take the AP Exam in May.

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.

SOCIAL STUDIES

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: \$95 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 required 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

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 required 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 & speak the Spanish language at a novice level. Listening comprehension, speaking, writing & reading are emphasized through oral & written exercises. Spanish culture is studied through activities in art, music, history & 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 & reading are emphasized through oral and written exercises. Spanish culture is studied through activities in art, music, history & popular culture.

SPANISH 3 (WL 104/105)

Open to Grades: 11-12
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 & written exercises. Spanish culture is studied through activities in art, music, history & popular culture.

AP SPANISH 4 (WL 108/109)

Open to Grades: 12
Length of Course: Full Year
Credit: 1.0

Prerequisite: Spanish 3

Graduation Requirement: World Language

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, & 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.

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

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.

FINE ARTS

PERFORMING ARTS

BAND (MUS 003/004)

Open to Grades: 9-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: none

Graduation Requirement: Fine Arts or Elective

Fee: ASB Membership

Study and performance of intermediate wind music. Perform at all band commitments including but not limited to Pep Band engagements, concerts and festivals. Attendance at some weekend and evening events will be expected.

ADVANCED BAND (MUS 001/002)

Open to Grades: 10-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Audition

Graduation Requirement: Fine Arts or Elective

Fee: ASB Membership

Advanced study and performance of intermediate wind music. Perform at all band commitments including but not limited to Pep Band engagements, concerts and festivals. Attendance at some weekend and evening events will be expected.

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

Graduation Requirement: Fine Arts or Elective

Fee: ASB Membership

Study and performance of beginning to advanced level Jazz, Swing, Latin and other jazz genres. Perform at concerts and community events. Some evening and weekend attendance required.

TREBLE 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.

BASS CHOIR (MUS 009/011)

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

Graduation 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

Graduation 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

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.

YOUTUBE PRODUCTION (ELE 125)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Graduation Requirement: Fine Arts or Elective

Students will cover film production, voiceovers, and producing music for YouTube and various social networking media.

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.

VISUAL ARTS

DRAWING & PAINTING (ART 101)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Graduation Requirement: Fine Arts or Elective

Fee: \$30

Hands-on studio art class that develops drawing, painting, and 2-D design skills. Practice the creative process of sketching, refining, making a final product and reflecting. Study and apply the elements and principles of design to their work and analyze the work of others using arts-specific vocabulary. In addition, students will gain exposure to artwork from a variety of time periods and cultures.

FINE ARTS

ILLUSTRATION (ART 110)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Drawing & Painting

Graduation 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

Graduation 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.

CERAMICS 1 (ART 106)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Graduation 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

Graduation 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.

GLASS & METAL ART 1 (ART 115)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Graduation Requirement: Fine Arts or CCTE

Fee: \$30

Students will be introduced to a variety of metalsmithing, jewelry and glass techniques. Cutting metal, casting, wire work, soldering, leather, enamel, glass fusing and slumping. This class is much like small metals and glass sculpture class. Projects will explore a variety of commercial applications and related careers. Many processes and skills will be covered as well as connections to the jewelry industry and starting your own business.

GLASS & METAL ART 2 (ART 116)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Glass & Metal Art 1

Graduation Requirement: Fine Arts or CCTE

Fee: \$30

Students will expand on techniques learned in Glass & Metal Art 1. The class is much like a small metals and glass sculpture class. Projects will explore more in-depth with a variety of commercial applications and related careers. Many processes and skills will be covered, as well as connections to the jewelry industry and starting your own business.

FINE ARTS

MONSTER MAKER, SCULPTURE PRODUCTION (ART 120)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Ceramics 1 or Stagecraft

Graduation Requirement: Fine Arts or CCTE

Fee: \$30

We'll build on the basic skills learned in Ceramics 1 and or Stagecraft. Advancing to large-scale sculpture and mixed-media sculpture with latex. Students will learn to sculpt, cast and mold latex monster masks, prosthetics for stage makeup and character development. Students will create a professional portfolio to continue education or work in the industry of stage or cinema.

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

Graduation Requirement: Fine Arts or Elective

Fee: \$30 + \$95 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

Graduation Requirement: Fine Arts or Elective

Fee: \$30 + \$95 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 & CONSUMER SCIENCE

FOODS 1 (CTE 200)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Graduation 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

Graduation 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.

BAKING & PASTRY (CTE 205)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Foods 1

Graduation Requirement: Fine Arts or Elective

Fee: \$25

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

CHILD DEVELOPMENT 1 (CTE 220)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Graduation Requirement: CCTE or Elective

This course is recommended for those interested in professions involving children. Explore the process of human development from conception through adolescence. Emphasis is placed on development which enables one to reach physical, mental, emotional and social maturity.

EARLY CHILDHOOD EDUCATION 1 (CTE 228)

Open to Grades: 10-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Graduation Requirement: CCTE or Elective

Students will learn and explore learning theories and styles, teaching methods and classroom management. Students will complete observations in local schools, which will help you begin to understand the differences in grade levels, development, and teaching styles. Students will develop skills in leadership, communication and organization, which can be used in any career.

EARLY CHILDHOOD EDUCATION 2 (CTE 229)

Open to Grades: 11-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Early Childhood Education 1

Graduation Requirement: CCTE or Elective

Once completing Early Childhood Education 1, students will be placed with mentor teachers that match their grade and subject interest. During Early Childhood Education 2, students will receive practical, hands-on experience to complement their academic training. Must have the ability to drive to an internship location.

INDEPENDENT LIVING (CTE 230)

Open to Grades: 11-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Graduation Requirement: CCTE or Elective

Students will learn a variety of skills needed to become independent and live on their own. Topics covered include: choosing a roommate, developing healthy relationships, developing post-high school plans, choosing a career, writing resumes, interviewing skills, buying a car, budgeting and personal finance and making proper nutrition choices.

FAMILY & CONSUMER SCIENCE

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 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

Graduation 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

Graduation 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.

BUSINESS MARKETING & MANAGEMENT

MARKETING 1 – Intro to Marketing (CTE 180)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Graduation Requirement: CTE 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 – Sports, Entertainment & Event Marketing (CTE 182)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Marketing 1

Graduation Requirement: CTE 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.

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

Graduation Requirement: CTE 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!

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

Open to Grades: 11-12

Length of Course: One Semester or two semester, 2 class periods

Credit: 1.0-2.0

Prerequisite: None

Recommended Pathway

Graduation Requirement: CTE 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.

MANUFACTURING TECHNOLOGY

METAL TECH (CTE 130)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: None

Graduation 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

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 2 (CTE 126)

Open to Grades: 10-12

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

Length of Course: One Semester

Credit: 0.5

Prerequisite: Machining 2

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.

WELDING 1 (CTE 127)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Metal Tech

Graduation 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

Prerequisite: Welding 1

Graduation 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

Prerequisite: Welding 2

Graduation 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.

MANUFACTURING TECHNOLOGY

WOOD TECH (CTE 309)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: none

Graduation 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.

CABINET MAKING 1 (CTE 320)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Wood Tech

Graduation Requirement: CCTE or Elective

Fee: \$30

This course introduces students to the craft of creating custom built cabinetry through practical application and classroom instruction. Students begin by learning how to design and build basic box cabinets. Other topics include standard cabinet sizes and specifications, types of lumber and sheet material, basic terminology, joinery techniques and safety operations. Students work on their own or with others to create a variety of projects such as kitchen cabinets, built-in shelves or closet storage units.

CABINET MAKING 2 (CTE 321)

Open to Grades: 10-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Cabinet Making 1

Graduation Requirement: CCTE or Elective

Fee: \$30

This course introduces students to the craft of creating custom built cabinetry through practical application and classroom instruction. Students begin by learning how to design and build basic box cabinets. Other topics include standard cabinet sizes and specifications, types of lumber and sheet material, basic terminology, joinery techniques and safety operations. Students work on their own or with others to create a variety of projects such as kitchen cabinets, built-in shelves or closet storage units.

CONSTRUCTION 1 (CTE 330)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: Wood Tech

Graduation 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

Graduation 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.

TECHNOLOGY EDUCATION

ANIMATION (CTE 138)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: none

Graduation Requirement: Fine Art, CTE 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

Graduation Requirement: Fine Art, CTE 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

Graduation Requirement: Fine Art, CTE 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

Graduation Requirement: CTE 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: 0.5

Prerequisite: Graphic Design, Digital Photography or previous Yearbook experience

Graduation Requirement: CTE 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.

CAPS DIGITAL DESIGN (CAP 007/008)

Open to Grades: 11-12

Length of Course: One Semester

Credit: 1.0-2.0

Prerequisite: None

[Recommended Pathway](#)

Graduation 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.

STEM

PRINCIPLES OF BIOMEDICAL SCIENCE

(CTE 600/601)

Open to Grades: 9-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: none

Graduation 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 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.

MEDICAL INTERVENTIONS (CTE 620/621)

Open to Grades: 11-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Biology AND Principles of Biomedical Science OR Human Body Systems

Graduation Requirement: CCTE, Science, or Elective

Students follow the life of a family as they investigate how to prevent, diagnose and treat disease. Explore how to detect and fight infection: screen and evaluate the code in DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail.

DRONES AND ENGINEERING (CTE 512)

Open to Grades: 10-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: none

Graduation 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.

PRINCIPLES OF ENGINEERING

(CTE 510/511)

Open to Grades: 9-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: Algebra 1

Graduation Requirement: CCTE or Elective

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures, materials and automation. Students develop skills in problem-solving, research and design while learning strategies for design process documentation, collaboration and presentation.

COMPUTER SCIENCE & SOFTWARE

(CTE 520/521)

Open to Grades: 9-12

Length of Course: Full Year

Credit: 1.0

Prerequisite: none

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.

STEM

CAPS ENGINEERING (CAP 005/006)

Open to Grades: 11-12

Length of Course: One Semester

Credit: 1.0-2.0

Prerequisite: None

Recommended Pathway

Graduation Requirement: CCTE or Elective

This course is for students interested in a combination of 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).

CAPS HEALTH SCIENCES (CAP 003/004)

Open to Grades: 11-12

Length of Course: One Semester

Credit: 0.5

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.

PHYSICAL EDUCATION

SPORTS FITNESS (PED 100)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: none

Graduation Requirement: Physical Education

This class is designed for students who want to get fit through intense game play combined with conditioning and other fitness related activities. Program will prepare students to participate in a variety of lifelong sports at a recreational level. Team and individual activities will be emphasized.

FRESHMAN FITNESS (PED 108)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: none

Graduation 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.

TOTAL BODY FITNESS (PED 102)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: none

Graduation Requirement: Physical Education

This class is designed for students who want to get fit. We focus on health/fitness concepts combined with recreational activities/games, cardio/strength activities and non-traditional activities such as yoga, Pilates, etc. Designed to advance the knowledge, confidence, skills and motivation needed to engage in a lifelong healthy active lifestyle.

WEIGHTS & CONDITIONING (PED 110)

Open to Grades: 9-12

Length of Course: One Semester

Credit: 0.5

Prerequisite: none

Graduation 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

Graduation 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

Graduation 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.

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.