Mission

Castle Rock High School will prepare all students to be college or career ready!

Welcome
Welcome! We hope you are as excited as we are to start the 2010-2011 school year. Use this book to help determine which courses you will take in the future.

Plan ahead! Start thinking now about what you are going to do in the future. The courses you take in high school will give you a head start with meeting your future goals.

Goals! Know what you want out of a class, high school and your life. Let us help you get there. Tell us what is in store for your future and we will help you select what courses will best fit your needs.

Remember! We are here for you. Use this book, talk to your advisor or visit with someone in the guidance department. We will help you find a way to realize, begin, or achieve your dreams.

Tips for Course Planning

In the spring information is needed in order to generate a master schedule of classes for the following year. Castle Rock High School has adopted “student-driven scheduling” as part of our involvement in the Navigation 101 program. That means we will offer the classes you sign up for.

Please take this process seriously. Your choices determine what classes you will be taking. Be sure to check the pre-requisite for each class to insure that you will be allowed to take the course. Review your graduation check sheet and make sure to sign up for classes required for graduation.

Selecting a class indicates a commitment to that course. You are expected to remain in the course you select.

Student Initiated Schedule Changes

It is critical that the choices made by students during registration are considered to be final. Courses and staffing for the following year are based on those choices.

Schedule changes will only be made for the following reasons:

- Incomplete schedule
- Graduation requirement
- Student does not meet the prerequisite for the class. Any schedule change request that does not meet these criteria is subject to administrative approval.

Grading Policies

Grades in all classes are reported at the end of each semester. The grades issued at the end of the semester are used to determine credit in the course and grade point average.

Grading standards are the responsibility of the classroom teacher. Individual teachers will review their grading policies along with course requirements.

Incomplete grades are given when the student has not completed all assigned coursework for legitimate reasons. It is the responsibility of the student to contact the teacher and make arrangements to make up incomplete work. Incomplete grades not remedied will change to FAILURE.

Students with credit loss for graduation may make up credits through alternative sources such as Odyssey, community college, and correspondence courses.

Transfer students will have their transcripts evaluated on an individual basis in terms of graduation requirements. See the guidance department for more information.

Participation in sports may count as an alternative to state PE requirements. Students interested in this alternative should talk to the guidance department.

Only students receiving CRHS diplomas will participate in graduation exercises.

The Castle Rock School District complies with all federal rules and regulations and does not discriminate on the basis of race, color, national origin, sex, or handicap.

This holds true for all students who are interested in participating in educational programs and/or extracurricular school activities. Inquiries regarding
compliance procedures may be directed to the school district’s Title IX officer and/or Section 504 coordinator.

**GRADUATION REQUIREMENTS WAC 180 56**

Students shall complete the required courses at acceptable levels of competency. Because students need broad experiences during the four years of their senior high education, requirements are intended to be minimums; students are encouraged to exceed the minimum courses required.

All students are expected to attend school full time. The high school principal may waive requirements when necessary to provide a sensible, realistic program for individual students. The waiving of credits and requirements would be done only where extenuating circumstances exist.

**Grading Procedures**

The academic year is divided into two semesters of two quarters each. Semester grades become part of the student’s permanent record and determine a cumulative grade point average. The grading structure follows the standard Washington state high school transcript pattern.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
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<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
</tr>
<tr>
<td>P</td>
<td>Pass</td>
</tr>
<tr>
<td>NC</td>
<td>No Credit</td>
</tr>
</tbody>
</table>

Castle Rock High School has adopted a school wide grading scale which is used for all courses with the exception of the AP and Pre-AP courses which follow an alternative scale.

**General Grading Scale**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>100%-93%</td>
</tr>
<tr>
<td>A-</td>
<td>92%-90%</td>
</tr>
<tr>
<td>B+</td>
<td>89%-87%</td>
</tr>
<tr>
<td>B</td>
<td>86%-83%</td>
</tr>
<tr>
<td>B-</td>
<td>82%-80%</td>
</tr>
<tr>
<td>C+</td>
<td>79%-77%</td>
</tr>
<tr>
<td>C</td>
<td>76%-73%</td>
</tr>
<tr>
<td>C-</td>
<td>72%-70%</td>
</tr>
<tr>
<td>D+</td>
<td>69%-67%</td>
</tr>
<tr>
<td>D</td>
<td>66%-60%</td>
</tr>
<tr>
<td>F</td>
<td>59%</td>
</tr>
</tbody>
</table>

**Graduation Requirements**

**Class of 2011**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4.0</td>
</tr>
<tr>
<td>Math</td>
<td>3.0*</td>
</tr>
<tr>
<td>Science</td>
<td>3.0*</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3.5</td>
</tr>
<tr>
<td>Physical Education and Health</td>
<td>2.0</td>
</tr>
<tr>
<td>Career and Technical Education</td>
<td>2.0</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>1.0</td>
</tr>
<tr>
<td>Electives</td>
<td>4.5</td>
</tr>
<tr>
<td>Total Credits Required</td>
<td>23.0</td>
</tr>
</tbody>
</table>

**Class of 2012 and 2013**

- Inclusive of Geometry or 4 credits
- not inclusive of Geometry
### Running Start

Running Start is a program available to Juniors and Seniors and is an opportunity for students to attend a community or technical college while in high school. Students enrolled in the program receive high school and college credit for each Running Start class. Students have the option of dividing their academic program between Castle Rock High School and the college or attending the college full-time. Running Start offers students the opportunity to seek greater academic challenges or to take courses not available at the high school. Running Start allows:

- Students to begin earning college credits while in high school. A full-time Running Start student can earn up to two years of college work by the end of the senior year of high school.

- Students to earn the equivalent of 1.0 high school credits for 5 quarter credits of college.
Students take college classes tuition-free but are responsible for their own books, fees, supplies, and transportation.

- Grades from Running Start classes to be computed into the high school grade point average.

**Credit Recovery**

There are several opportunities available to students needing to make up credit deficiencies.

- Students may use the online credit recovery program offered through our school, Odyssey. This may be done during the school day; however, it is recommended that students complete the program on their own time. Fees may apply. See the Guidance Department for more details.
- Students may choose to use a credit recovery program through private correspondence institutions such as BYU or Red Comet. This will be at cost to the student. See the Guidance Department for additional information regarding these programs.
- Students may choose to earn credit through LCC. Cost may vary as it is dependent on the level of course taken. Students taking courses 100 level or above will be at cost to Castle Rock High School. (Students, in effect, are considered part-time Running Start students)

**Graduation Alternatives**

**GAP:** The GAP program is designed to prepare students to take the GED test. Students work at their own pace under guidance from the instructor covering the following subjects: Reading, Writing, Science, Math and Social Studies. Following the completion of the program students have the opportunity to return to CRHS to continue progress towards a high school diploma.

Students must provide their own transportation to the program site in Longview. See the Guidance Department for details.

**CEO:** The CEO program offers students the opportunity to obtain a Washington State Diploma (19 credits). The program is facilitated by Lower Columbia College. Students must provide their own transportation.

**Online Schooling:** There are several online school options for students wanting a non-traditional education. Castle Rock School district endorses the Productive Learning Online program. Through this online school, students remain a Castle Rock School District; students may participate in athletics and graduation if graduation requirements are met. For more information see the Guidance Department.

**Pre-AP and AP Courses**

It is the mission of Castle Rock High School to provide rigorous academic training to our students. We continue to increase the number of AP and Pre-AP course offerings. If you meet one of the following readiness indicators it is expected that you enroll in that AP/Pre-AP course.

**Readiness Indicators:**

- Completion of previous English/Math/and Science courses with an A or B grade.
- Reading, Writing and Math WASL/HSPE scores exceed passing (Writing >17, Reading/Math>400) from grades 6-8. Teacher recommendation.

See Appendix A for additional information.

**Tech Prep**

Earn college credit without leaving high school! To participate, you take designated Tech Prep classes
at CRHS, earn a B or better grade, and then apply to Lower Columbia College for college credit. See instructors in the Business and Ag-science areas for qualifying courses.

**Career Pathways**

Career pathways are a group of jobs or professions that require similar interests, skills, and abilities. Jobs can fit into more than one career cluster. Web designers, for example, mix business, technology, and graphic design.

The five pathways include:

- Agriculture, Science and Natural Resources
- Art, Media, Communication and Design
- Business Management and Finance
- Education, Social and Health Services
- Engineering, Science and Technology.

Career pathways can be useful when creating post-high school plans.

**Washington State College and University Entrance Requirements**

The following course pattern is suggested for those students who wish to enter a 4-year university. Trends indicate these courses will be required for admission at many of the Washington state universities as well as out of state schools.

**Class of 2011**

- 4 credits of English
- 1 credit of Fine Arts
- 3 credits of Math (algebra, geometry and an advanced math)
- 2 credits of Science (including one credit of Algebra-based Biology, Chemistry, or Physics)
- 3 credits of Social Studies
- 2 credits of a single Foreign Language

**Class of 2012 and beyond**

- 4 credits of English (must include three credits of college preparatory composition or literature)
- 1 credit of Fine Arts
- 3 credits of Math (including Algebra I, Geometry, Algebra II or Integrated Math I, II and II. Passing the 10th grade HSPE can be used in lieu of the first two credits of math. During the senior year of high school students must earn a credit in a math-based quantitative course.)
- 2 credits of laboratory based Science (including 1 one credit of Algebra-based Biology, Chemistry or Physics)
- 3 credits of Social Studies
- 2 credits of a single Foreign Language

**NCAA Eligibility Center**

Student Athletes interested in continuing their athletic career at Division I or Division II colleges must register with the NCAA Eligibility Center. There are several requirements student athletes must meet in order to be eligible to be recruited and eventually play at a Division I or Division II college. For a NCAA prospective student athlete, please visit the Guidance Department. You can also check out information on the Eligibility Center website: [https://web1.ncaa.org/eligibilitycenter/common/](https://web1.ncaa.org/eligibilitycenter/common/)

**The 4 Year Plan**

During advisory you completed a 4-year plan. You will need to reference that plan while completing your course forecasting sheet.

**Zero Period Courses**

Some courses at CRHS are offered before school and are called zero period courses. They may be offered every day of a set number of days. These courses allow you the opportunity to earn elective credit while you continue to focus on a rigorous academic core. If you are interested in signing up for a zero period course, understand that the first alternate on your forecasting form will be considered among your top choices.

**Course Descriptions**

**Language Arts**
NAME OF COURSE: **ENGLISH 9**
GRADE: 9
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: None
DESCRIPTION: English 9 is a composition/reading course required for graduation from Castle Rock High School. Strong emphasis will be placed on writing-expository, descriptive and persuasive. Class readings in various genres will be used to help develop student skills in reading critically and analytically. The class is designed to refine existing skills in composition & reading and teach new skills for future English classes at C.R.H.S. and beyond. Outside reading is a requirement, including selections from the 100 Book List.

NAME OF COURSE: **PRE-AP ENGLISH 9**
GRADE: 9
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: Meets readiness standards
DESCRIPTION: Pre-AP English 9 is a composition/reading course required for graduation from Castle Rock High School. Strong emphasis will be placed on writing-expository, descriptive and persuasive. Class readings in various genres of literature will be used to help develop student skills in reading critically and analytically. The class is designed to refine existing skills in composition & reading and teach new skills for future AP English classes at C.R.H.S. and beyond. Outside reading is a requirement, including selections from the 100 Book List.

NAME OF COURSE: **ENGLISH 10**
GRADE: 10
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: None
DESCRIPTION: English 10 offers a review of literary elements, as well as grammar and writing. Components include short story, poetry, nonfiction, and drama. Major literary works include *A Christmas Carol*, *To Kill A Mockingbird*, and *Julius Caesar*. Reading practice includes weekly on-line reader and covers all four EALRs (Essential Academic Learning Requirements). Writing practice is focused on expository and persuasive writing which covers all four EALRs. Class is designed to fully prepare all students for the WASL. Outside reading from the 100 book list is required.

NAME OF COURSE: **PRE-AP ENGLISH 10**
GRADE: 10
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: Meets at least one readiness standard
DESCRIPTION: This class is designed to prepare students for high school advanced placement and college level coursework. Course will survey literary elements, review grammar, and polish expository and persuasive writing. The class also prepares students for SAT vocabulary and encourages critical thinking and literary analysis. Major literary works include *A Christmas Carol*, *To Kill A Mockingbird*, and *Julius Caesar*. Outside reading, including from the 100 Book list, is a requirement.

NAME OF COURSE: **EARLY AMERICAN LITERATURE**
GRADE: 11
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: None

DESCRIPTION: American Lit. is a literature based English course using American literature from the Colonial period through the 1900’s. Reading includes essays, journals, short stories, biographies, poems, and three novels from American history. All compositional writing is based upon the reading selections and will emphasize clear, logical writing patterns, word choice, and usage. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. Outside reading is a requirement.

NAME OF COURSE: AP LANGUAGE & COMPOSITION
GRADE: 11
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: Meets at least one readiness standard.

DESCRIPTION: The A.P. Language and Composition course is the equivalent of a first-year college level English composition class. Students will become skilled readers of prose written in a variety of disciplines and rhetorical contexts, and will become skilled writers who compose for a variety of purposes, aware of the interactions among a writer’s purposes, audience expectations, and subjects. All students enrolled are encouraged to register for and take the College Board’s A.P. Language and Composition exam given in May of the school year.

NAME OF COURSE: AP LITERATURE & COMPOSITION
GRADE: 11
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: None

DESCRIPTION: Creative Writing course offers students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. Students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Outside reading is a requirement. Creative Writing counts as one year English credit but may be taken as an elective.
GRADE: 12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: Meets at least one readiness standard.

DESCRIPTION: The A.P. Literature and Composition course involves close reading of literary works in a rigorous college-level curriculum. Students are involved in the study and practice of writing critical analyses of literature. Compositions include literary analysis, exposition, argument, narrative, and creative writing. All students enrolled are encouraged to register for and take the College Board’s A.P. Literature exam given in May of the school year.

NAME OF COURSE: ENGLISH 12
GRADE: 12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: None

DESCRIPTION: This is a two semester course that offers a survey of British literature from the 16th century to modern times. This course blends composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Students will produce a major research paper. Major literary works include The Scarlet Letter, Lord of the Flies, and Macbeth. Outside reading is a requirement.

NAME OF COURSE: ENGLISH 12 LAB (COE)
GRADE: 12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: Not passing reading/writing HSPE

DESCRIPTION: This is a two semester course that offers a Collection of Evidence as a HSPE option for passing in both Reading and Writing. Reading practice will be based on the OSPI modules. For writing an emphasis on grammar and composition, including real-world applications, will be included. Students must also take the HSPE in the area(s) not previously passed in the Spring.

NAME OF COURSE: COMMUNICATIONS
GRADE: 11-12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: English 9 and 10

DESCRIPTION: Communication enables students to develop communication skills that can be used in a variety of speaking situations. Course topics may include research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence. Outside reading is a requirement. Course counts for an English elective. Communication must be taken concurrently with either 11th grade English or 12th grade English.

Social Studies

NAME OF COURSE: WASHINGTON STATE HISTORY
GRADE: 9-12
CREDIT, COURSE LENGTH: .5 credit, 1 semester
PRE-REQUISITE: Not completed in 7th or 8th grade

DESCRIPTION: Students who either failed the course in Middle School or who transferred to Castle Rock recently must complete this course requirement. The course is an independent study program which can be completed during the school year or during the summer. See the guidance department for details.

NAME OF COURSE: GLOBAL STUDIES/CIVICS
GRADE: 10
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: None

DESCRIPTION: Global Studies and Civics is a study of world geography, culture, economic systems, and political systems integrated with the history and principles of constitutional democracy in the United States. There will be an emphasis on the protections built into the U.S. Constitution and also on the role of citizens in American democracy.

NAME OF COURSE: **UNITED STATES HISTORY**
GRADE: 11
CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE:

DESCRIPTION: US History will include the study of the constitution and is a class designed to study America from its beginnings to contemporary times. We will examine the historical developments over time and analyze the influences of these occurrences on our and the world’s situations today.

NAME OF COURSE: **CONTEMPORARY WORLD PROBLEMS**
GRADE: 12
CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE:

DESCRIPTION: CWP is a class designed to study the issues confronting society today. There are some basic units that are taught such as crime and violence, terrorism, and drugs/alcohol, but events that are currently happening could be studied and discussed the day they happen.

NAME OF COURSE: **LAW & GOVERNMENT**
GRADE: 12
CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE:

DESCRIPTION: Students will gain an understanding of the law as it relates to them now and in the future. The course will include an analysis of the court system at the local, state, and national level. Concepts of contract law, the rights and responsibilities of citizens, utilization of financial transactions, employment and agency relationships, and an understanding of the regulations governing different types of businesses will be covered in this course. Students will research and discuss actual cases that have been decided by the courts. As a final project, students may participate in one or more mock trials.

**Math**

NAME OF COURSE: **ALGEBRA I**
GRADE: 9, 10, 11, 12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: None

DESCRIPTION: Upon completion of this course, the student will be able to evaluate and simplify algebraic expressions, solve and graph first-degree equations, add, subtract, multiply and divide polynomials and rational expressions. The student will be expected to find powers, roots, and solve second-degree (quadratic) equations. In addition, the student will work with graphing of one and two variable equations in the linear format.

NAME OF COURSE: **GEOMETRY**
GRADE: 9, 10, 11, 12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: Grade of a C or higher in Algebra I

DESCRIPTION: Geometry focuses on plane geometry with integration of some space and coordinate geometry. This class develops geometric concepts using formal proofs and algebraic applications. Algebra is used extensively for areas, volumes, lengths, angle measures, and graphing.

NAME OF COURSE: **ALGEBRA II**

GRADE: 10, 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: Grade of a C or higher in Geometry

DESCRIPTION: This course will cover advanced functions, sequences and series, exponential and logarithmic functions, rational functions, probability and trigonometry. The real number system is extended to include complex numbers. All topics are studied from a problem solving and exploratory approach.

NAME OF COURSE: **APPLIED MATHEMATICS CRHS**

GRADE: 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: Placement based on HSPE scores

DESCRIPTION: This course will be a year-long 1 credit course which will cover the concepts of Financial Mathematics, to include but not limited to business, financial and industrial applications. It will be a 3rd year math course which will fit the needs of students who do not take Algebra 2. Prerequisite courses are Algebra 1 and High School Geometry.

The course will be dependant upon cooperative learning and application of financial concepts, business applications and industrial applications. Students will be required to provide their own scientific calculators and measurement tools.

NAME OF COURSE: **PRE-CALCULUS**

GRADE: 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: A grade of a C or higher in Algebra II

DESCRIPTION: This is the fourth course in preparation for college math requirements. Emphasis is on the understanding of ideas and on problem solving. The math content includes the study of the following types of functions: logarithmic, trigonometric, rational, radical, polynomial, piece-wise, absolute value, inverse trigonometry, exponential and parametric. In addition, we study conic sections and polar equations. The course provides an excellent background for the student who is going to study calculus in college or at the high school.

NAME OF COURSE: **CALCULUS**

GRADE: 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: Pre-Calculus

DESCRIPTION: This is the fifth course in preparation for college mathematics. This course is a college equivalent course. This course will cover standard topics in functions, graphs, limits, differentiation and integration. Rigor and conceptual development are emphasized.

**Science**

NAME OF COURSE: **PHYSICAL SCIENCE**

GRADE: 9

CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE:

DESCRIPTION: This course is primarily designed for freshmen, presents essential physical science concepts and principles in an inquiry environment. Students focus on essential scientific concepts and procedures while simultaneously preparing for the
NAME OF COURSE: **ENVIRONMENTAL SCIENCE**

GRADE: 9

CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE:

DESCRIPTION: This course is an introduction to environmental science. Students will examine environmental issues in ecology, natural resource management, wildlife management, energy production, population growth, and pollution. Environmental science combines the study of physical and biological processes that operate in the world. Laboratory exercises, environmental surveys, and class discussions will be used to reinforce scientific principles and concepts. This course does not qualify as a lab science. *A Pre-AP section of this course may be offered.*

NAME OF COURSE: **SCIENCE II**

GRADE: 10-12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: Pervious enrollment in Science I

DESCRIPTION: This integrated science course reinforces and extends the concepts presented in Science I. The class focuses on the scientific method while investigating essential scientific concepts needed for success on the HSPE. This course is not a lab science. *A Pre-AP section of this course may be offered.*

NAME OF COURSE: **BIOLOGY**

GRADE: 10, 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: Completion of Science 1

DESCRIPTION: This course, primarily designed for sophomores, presents essential life science concepts and principles in an inquiry environment. Students focus on essential learning while simultaneously preparing for success on the HSPE.

NAME OF COURSE: **CHEMISTRY**

GRADE: 10, 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: Completion of Science I and completion/concurrent enrollment in Geometry

DESCRIPTION: This science course focuses on the structure, properties and interactions of matter. It is laboratory based and designed to help meet the needs of students pursuing higher education. Lab fee $15.

NAME OF COURSE: **PHYSICS**

GRADE: 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: Completion of Science I and Algebra II and concurrent enrollment in Pre-Calculus.

DESCRIPTION: This course provides a rigorous mathematical focus on the fundamental interactions between matter and energy. It is laboratory based and designed to meet the needs of students considering post-high school study in math, science, or engineering. *This course will be offered if there is enough student interest.*

NAME OF COURSE: **HUMAN ANATOMY & PHYSIOLOGY**

GRADE: 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: Completion of Science I and Biology.

DESCRIPTION: This is a college preparatory course in which students examine the important structures of the human body in terms of their functions, interactions, and affect by disease. Large amounts of reading and outside of class study is expected. Several dissections will be performed to enhance these understandings. Lab fee $20

NAME OF COURSE: **AGRICULTURAL BIOLOGY**

GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: Completion of Science I

DESCRIPTION: This course integrates concepts from both agriculture and biological sciences. Students will focus on applications of biotechnology in natural resource systems. There will be instructor-led and student-driven projects along with "working" field trips and lab work. Students should expect to work both in the classroom and in the field under a variety of weather conditions. Through outreach to local community and business groups, students will develop a hands-on approach to biotechnology and experience first-hand the world around them.

NAME OF COURSE:  ANIMAL SCIENCE

GRADE: 10, 11, 12

CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE: None

DESCRIPTION: This is a general course that focuses on the production, processing, and distribution of agricultural animal products. Students will study scientific principles that underlie the breeding and husbandry of agricultural animals. Instruction will be provided in animal sciences, animal husbandry and production, and agricultural food products processing.

NAME OF COURSE:  PLANT SCIENCE/HORTICULTURE

GRADE: 10, 11, 12

CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE: None

DESCRIPTION: This is a general course that focuses on the scientific principles of plant anatomy and physiology. Students will learn plant classification and acquire knowledge and skills to utilize plants effectively. The fundamentals of crop cultivation and production will be introduced, and students will research agricultural and food products processing.

Fitness and Health

NAME OF COURSE:  ACTIVE FITNESS

GRADE: 9, 10, 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE:

DESCRIPTION: Students will be exposed to a variety of lifetime fitness activities that will help them strive for their fitness goals. They will learn the components of fitness and master the state fitness learning through worksheets, fitness essay writing and a fitness final test. Activities include: badminton, basketball, pickleball, tennis, football, soccer, golf, volleyball, floor hockey, speedwalking/jogging, dance, and fitness exercises including weightlifting.

NAME OF COURSE:  LIFE FITNESS

GRADE: 9, 10, 11, 12
CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE: None

DESCRIPTION: This class is designed for those students wishing to focus on weight control, nutrition, healthy lifestyle choices, and alternative fitness. The class emphasizes activities that students can enjoy for a lifetime.

NAME OF COURSE: **STRENGTH FITNESS**

GRADE: 10, 11, 12

CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE: Active Fitness I

DESCRIPTION: This class will cover the muscular strength endurance components of fitness along with flexibility. Students will test in all fitness areas to set goals and try to achieve their ultimate fitness level. Weight lifting will be the main focus with an activity day to balance your fitness activities. Muscular and lifting technique tests will be included along with personal training.

NAME OF COURSE: **FAMILY HEALTH**

GRADE: 9, 10, 11, 12

CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE:

DESCRIPTION: This course includes studies of relationships and communication, decision-making and refusal skills, stress management, and personal/family safety. Information concerning the effects of tobacco, alcohol, and other drugs on the human body is emphasized. Instruction on disease control and prevention including STDs and HIV/AIDS is presented in a unit on sexual health. Community health and environmental health concerns will also be covered in this course.

NAME OF COURSE: **THEATER ARTS**

GRADE: 9, 10, 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE:

DESCRIPTION: This class is going to show students how to create order in the apparent chaos of artistic creation, combine art and technology, and craft props, costumes, set pieces and painted scenery. Students will learn together everything that is needed to produce a show, from acting to house management. Students will design, paint, and create portfolios all based on theatre.

NAME OF COURSE: **INTRODUCTION TO ART ELEMENTS**

GRADE: 9, 10, 11, 12

CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE:

DESCRIPTION: Color, Value, Line Shape, Form, Texture and Space are the design elements and focus of this course. Students are introduced to each element through a series of in-class activities and allowed to express their level of mastery through individual projects. A variety of mediums are also introduced such as tempera, watercolor, pencil, pastel, paper, charcoal, and clay. A number of techniques are used to give students a wide variety of opportunities through the arts. A 100 page, spiral bound sketchbook is required and can be used for subsequent Art classes. Lab fee: $20.

NAME OF COURSE: **3-D CREATIVITY**

GRADE: 9, 10, 11, 12

CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE: Intro to Art Elements

DESCRIPTION: This course focuses on creating three-dimensional works using a variety of mediums such as paper, wood, wire, and clay. Students are required to have a sketchbook to document ideas and the creative process. Lab fee: $20.

NAME OF COURSE: **CRAFTS & CULTURES**

GRADE: 9, 10, 11, 12
CREDIT, COURSE LENGTH: .5 credit, 1 semester

PRE-REQUISITE: Intro to Art Elements

DESCRIPTION: Students learn art techniques from various cultures and time periods while also exploring the crafts movement in America. Folk Art, quilling, aboriginal art, and book making are just some of the projects students will complete. A sketchbook is required. Lab fee: $20.

NAME OF COURSE: PRINTMAKING/GRAPHIC DESIGN
GRADE: 10, 11, 12

CREDIT, COURSE LENGTH: .5 credit, 1 semester
PRE-REQUISITE: Intro to Art

DESCRIPTION: The principles and elements of design are emphasized in this course as students learn to purposefully arrange images and text to communicate a message. Hands-on activities included linoleum block and other types of printing, etching, reliefs, and advertising and product design. There is a limited amount of computer generated activities. Lab fee: $20.

NAME OF COURSE: ART PORTFOLIO
GRADE: 10, 11, 12

CREDIT, COURSE LENGTH: .5 credit, 1 semester
PRE-REQUISITE: 3 semesters of any art courses and teacher approval.

DESCRIPTION: Students work independently on a required list of themes/topics to create a professional body of work reflecting their personal style. A student coordinated gallery exhibit at semester’s end is required. The course is for the serious art student who is willing to work hard and is self-motivated.

NAME OF COURSE: CHORUS
GRADE: 9, 10, 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: None

DESCRIPTION: Chorus courses provide the opportunity to sing a variety of choral literature styles for men’s and/or women’s voices, and is designed to develop vocal technique and the ability to sing parts.

NAME OF COURSE: CONCERT BAND
GRADE: 9, 10, 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: At least two years of band experience

DESCRIPTION: Members will be involved in concerts and festivals, playing music in many different styles.

NAME OF COURSE: JAZZ BAND
GRADE: 9, 10, 11, 12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: By instructor permission

DESCRIPTION: Members are selected from Concert Band with the exception of piano and guitar players. The Jazz Band performs various styles of jazz, studies improvisation, and participates in festivals. Jazz band is a zero period course. See page 6 of the course book for an explanation on how to sign up for zero period courses.

NAME OF COURSE: **PUBLICatin PRODUCTION/YEARBOOK**
GRADE: 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: Instructor approval

DESCRIPTION: Students will master skills in photojournalism, marketing, and graphic design while creating Castle Rock High School’s yearbook. Students are graded on performance, production, and meeting deadlines. At times students will be required to attend after school activities in order to complete photo assignments. Yearbook is a zero period course. See page 6 for an explanation on signing up for zero period courses.

**Foreign Language**

NAME OF COURSE: **SPANISH I**
GRADE: 9, 10, 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: 10th grade or previous second language experience

DESCRIPTION: Everyday common vocabulary, basic sentence structure, and verb conjugation are learned in Spanish I as well as applied in various learning activities.

Material is presented in a variety of methods, patterns, charts, rhythms, memory tools, even song and dance, in addition to the typical lecture format. Spanish I will focus on Latin America’s culture, customs, and history.

NAME OF COURSE: **SPANISH II**
GRADE: 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: C or better in Spanish I or instructor approval

DESCRIPTION: This course continues with the understanding of seven basic tenses, enabling students to read and comprehend elementary literature in Spanish. Students will also read *Don Quixote*. Spanish II will focus on Spain’s culture, customs, and history.

NAME OF COURSE: **FRENCH II**
GRADE: 11, 12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: Grade of “B” or better in English

DESCRIPTION: French II: Continues the development of resources, including past and future verb tense construction. Most instruction is in French. Emphasis will include increased use of written and spoken language, as well as reading and comprehending elementary literature in French. Some elements of French Civilization will also be covered.

Career and Technical Education

NAME OF COURSE: PRINCIPLES OF AGRICULTURE SCIENCE & TECHNOLOGY
GRADE: 9, 10, 11, 12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: None

DESCRIPTION: This course introduces many aspects of agriculture science and technology. Students will acquire basic skills in welding, tractor operation and safety, animal science, horticulture, natural resources, woods, and tool usage. Students will receive instruction in career awareness, parliamentary procedure, public speaking, and record keeping. Projects of various types will be completed during the course, and students wishing to take projects home must pay for them in advance. FFA will be integrated throughout the curriculum. SAE projects will be required as part of a complete agriculture program.

NAME OF COURSE: ADVANCED OUTDOOR POWER EQUIPMENT
GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: .5, 1 semester
PRE-REQUISITE: Outdoor Power Equipment

DESCRIPTION: This course goes more in depth in the study of outdoor power equipment with emphasis placed on equipment maintenance, trouble shooting, and engine rebuilding. Students will take on individual projects while training online with Stihl in order to earn their Bronze level training certificate. This course will also emphasize safety, tool usage, and career awareness.

NAME OF COURSE: ADVANCED AGRICULTURAL WELDING
GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: .5 credit, 1 semester
PRE-REQUISITE: Principles of Agriculture Science and Technology

DESCRIPTION: This course covers units in SMAW (Stick Arc), GMAW (MIG), Oxy-fuel cutting, Oxy-fuel welding, plasma cutting, and TIG in addition to
other metal working processes. Students will follow industry standards for safety and work habits. Math, science, and writing skills will be utilized in welding tasks. Careers and training opportunities will be presented in class. Students have the opportunity to earn Tech Prep credit dependent on the level of completion in the class. Lab fee $25.

NAME OF COURSE: **AGRICULTURAL BIOLOGY**
GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: Completion of Science I
DESCRIPTION: This course integrates concepts from both agriculture and biological sciences. Students will focus on applications of biotechnology in natural resource systems. There will be instructor-led and student-driven projects along with “working” field trips and lab work. Students should expect to work both in the classroom and in the field under a variety of weather conditions. Through outreach to local community and business groups, students will develop a hands-on approach to biotechnology and experience first-hand the world around them.

NAME OF COURSE: **PLANTSCIENCE/HORTICULTURE**
GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: .5 credit, 1 semester
PRE-REQUISITE:
DESCRIPTION: This is a general course that focuses on the scientific principles of plant anatomy and physiology. Students will learn plant classification and acquire knowledge and skills to utilize plants effectively. The fundamentals of crop cultivation and production will be introduced, and students will research agricultural and food products processing.

NAME OF COURSE: **ANIMAL SCIENCE**
GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: .5 credit, 1 semester
PRE-REQUISITE: Principles of Agriculture Science and Technology
DESCRIPTION: This course covers all aspects of the construction industry. Units of instruction include safety, tool use, framing, roofing, foundations, concrete, electrical, plumbing, and blueprint reading. Projects are assigned by the instructor with the majority of work done in as part of a team. Work is done outside in all types of weather. Students may need to provide some of their own special clothing and equipment.

NAME OF COURSE: **FORESTRY/NATURAL RESOURCES**
GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: .5 credit, 1 semester
PRE-REQUISITE: None
DESCRIPTION: This course is a general study in the management and development of forest areas for economic, recreational, and ecological purposes. Instruction is provided in forest-related sciences including wildlife sciences, harvesting and production technology, natural resources management and economics, statistics, and mapping. Students will also study forest administration and public relations.

NAME OF COURSE: **ADVANCED AGRICULTURE I, II, III**
GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: 1 credit, 2 semesters
PRE-REQUISITE: Principles of Ag Science/Technology
DESCRIPTION: This course focuses on advanced principles and practices of agricultural research and production. Instruction is given in advanced animal, plant, and soil science; animal husbandry and plant cultivation; soil conservation; agricultural mechanization; and agricultural operations such as farming and ranching. FFA participation is strongly encouraged as well as SAE leadership projects. Students can expect to work independently on many types of projects.

NAME OF COURSE: AGRICULTURE MECHANICS I, II, III
GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: 0.5 or 1.0 credit, 1 or 2 semesters
PRE-REQUISITE: Principles of Agriculture and Technology
DESCRIPTION: This is a project-based course in which the student works independently or as part of a small group. Students may choose many types of media to work with including, but not limited to, woods and metals. Students must develop a project plan, complete all safety exams, obtain instructor approval, and pay for any project material being taken home. Projects may be limited by available space, equipment, and resources.

NAME OF COURSE: LEADERSHIP
GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: .5 credit or 1 credit, 1 or 2 semesters
PRE-REQUISITE: Instructor approval by application
DESCRIPTION: Students will learn practical leadership skills through planning activities, organizing meetings, and providing service to the school. Students will learn how to run a meeting using parliamentary procedure. At times, students will be expected to attend evening activities. Students are encouraged to participate in the leadership retreat which is held in the spring or summer prior to the upcoming school year. ASB officers must be in leadership for the full year.
NAME OF COURSE:  **INTRO TO COMPUTER APPLICATIONS**

GRADE:  9, 10, 11, 12

CREDIT, COURSE LENGTH:  .5 credit, 1 semester

PRE-REQUISITE:  None

DESCRIPTION: Basic software applications in Microsoft Word, Excel, and PowerPoint will be explored as students prepare, edit, and correct documents. Several portfolio projects will be completed in this class. Students will develop and improve keyboarding skills throughout the course. This is a Tech Prep course in which students can earn college credit at LCC.

NAME OF COURSE:  **DESKTOP PUBLISHING AND PHOTOSHOP**

GRADE:  9, 10, 11, 12

CREDIT, COURSE LENGTH:  .5 credit or 1 credit, 1 or 2 semesters

PRE-REQUISITE:  Microcomputers or Intro to Computer Applications with a C or better or instructor permission.

DESCRIPTION: The course will cover basic topics in Publisher 2007, Photoshop CS3, and InDesign CS3. Principles of design and desktop publishing will be stressed as students create many types of excelling media for print publication. This is a Tech Prep course in which students can earn college credit at LCC.

NAME OF COURSE:  **WEB DESIGN**

GRADE:  9, 10, 11, 12

CREDIT, COURSE LENGTH:  .5 credit, 1 semester

PRE-REQUISITE:  Completion of Microcomputers or Intro to Computer Applications with a C or better or instructor permission.

DESCRIPTION:  Students learn to write and diagnose XHTML and then progress to Dreamweaver, Fireworks, and Photoshop to create functional and attractive web pages that follow proper design and layout principles. This course includes instruction in Internet theory, web page standards and policies, elements of web page design, and emerging web technologies.

NAME OF COURSE:  **STORE OPERATIONS**

GRADE:  11, 12

CREDIT, COURSE LENGTH:  .1 credit, 2 semesters

PRE-REQUISITE:  Instructor Approval

DESCRIPTION: The CRSH Student Store provides daily food services during both lunches. Students working in the store must acquire a food handler’s permit. In addition to sales, students will be responsible for cleaning, sanitizing, and maintaining the store. Cash handling procedures and cash register operation will be taught along with basic record keeping, inventory control, business calculations, and marketing strategies.

NAME OF COURSE:  **COOPERATIVE WORK EXPERIENCE IN BUSINESS**

GRADE:  11, 12

CREDIT, COURSE LENGTH:  1 credit, 2 semesters

PRE-REQUISITE:  Must be at least 16 years old and have completed a qualifying course. See Mrs. Montgomery or Ms. Hergert for further information about qualifying courses.

DESCRIPTION:  Students may earn high school credit for qualifying work experiences received on the job. This class will help you improve your workplace skills and provide opportunities to network with potential employers. Work-based learning will link academic work, career interests, and real world job experience.
NAME OF COURSE: **OFFICE SUPPORT**

GRADE: 11, 12

CREDIT, COURSE LENGTH: 1 credit, 2 semesters

PRE-REQUISITE: Instructor Approval

DESCRIPTION: Perform the duties of an entry level office assistant in our high school office or library. Practice your communication skills while greeting the public and working with staff and students. Learn to operate basic office machines and provide assistance when and where needed.

NAME OF COURSE: **HEALTH SCIENCES** (Offered through Kelso High School)

GRADE: 11, 12

CREDIT, COURSE LENGTH: 2.0 credits, 2 semesters

PRE-REQUISITE: Health Science Careers Application Packet, acceptance to program

DESCRIPTION: This class presents an overview of health care with an emphasis on learning the basic professional knowledge and skills common to any health care career to include a high level of responsibility, accountability, and integrity. Second semester students may choose to obtain a “Nursing Assistant Certificate of Completion.” Training and/or shadowing experience is available in most departments at St. John Medical Center, nursing homes, and other health care facilities such as dental clinics, veterinary clinics, imaging, physical therapy clinics, etc. Students must have their own transportation. All classes are held 1st and 2nd periods at St. John’s Medical Center.

NAME OF COURSE: **FIRE SCIENCE I & II** (Offered through Kelso High School)

GRADE: 11, 12

CREDIT, COURSE LENGTH: 2 credits, 2 semesters

PRE-REQUISITE: Acceptance to program (See counselors)

DESCRIPTION: This course is offered to juniors and seniors interested in a firefighting career. Fire Science I is a fast paced class that teaches the basic firefighter skills needed in the State of Washington to become an entry-level firefighter. Students become proficient at the required skills and training needed to enter a live fire environment. Students must have their own transportation. Students completing Fire Science I with a grade of B or better are eligible for 13 Lower Columbia College Fire Science credits.
Additional Offerings

NAME OF COURSE: MEDIA AIDE
GRADE: 11, 12
CREDIT, COURSE LENGTH: .5 credit each semester
PRE-REQUISITE: Media Center staff permission
DESCRIPTION: Assist in scheduling and circulation of library materials, including media equipment, maintain the general appearance of the media center, maintain and run media equipment, create displays, and assist other students in the use of the media center.

NAME OF COURSE: TEACHER AIDE
GRADE: 11, 12
CREDIT, COURSE LENGTH: .5 credit each semester
PRE-REQUISITE: 3.0 or better
DESCRIPTION: Tasks will be given as deemed necessary, including typing. The student aide will not perform disciplinary responsibilities. You may, however, be a leader of a group under the supervision of a teacher. When you sign up for this course, you will be asked to determine which content area classroom you would like to assist in. The content area choices are: Foreign Language, English, Math, Science, Social Studies, Physical Education or Vocational, Art.

Course Scheduling Checklist

☐ Attend a course planning information session during advisory (dates are assigned per grade level; see your advisor for details)

☐ Discuss with your parents/guardians your future goals and how the courses you selected will help you achieve them.

☐ Work with your advisors to complete the forecasting form and update your 4 Year Plan.

☐ Bring completed forecasting form to your assigned individual meeting with a member of the guidance team.

☐ Present your course selections/career plan at the Winter Student-Led Conference. At the conclusion of your presentation have your parent sign the forecasting form and give to your advisor.

☐ Get your parents signature on the Pre-AP/AP Registration Guidelines if you are enrolling in any of these advanced courses. Attach this form to the forecasting sheet.
Addendum

NAME OF COURSE: DRAWING
GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: .5 credit each semester
PRE-REQUISITE: Intro to Art Elements
DESCRIPTION: Students learn techniques to further drawing skills and work with a variety of mediums such as pen and ink, charcoal, pencil, chalk, pastel, watercolor and acrylics. Students are also given opportunities to create individual works of art as well as teacher directed. A sketchbook is required.

NAME OF COURSE: CAREER CHOICES
GRADE: 9
CREDIT, COURSE LENGTH: .5 credit each semester
PRE-REQUISITE:
DESCRIPTION: This course will help you to identify your passions, talents, values, and goals. You will investigate career clusters with an eye toward your future. Planning and decision-making skills will be practiced as you develop a personal career plan. Students will begin their high school career portfolio in this class.

NAME OF COURSE: FOOD & FITNESS
GRADE: 10, 11, 12
CREDIT, COURSE LENGTH: .5 credit each semester
PRE-REQUISITE: Health
DESCRIPTION: This course provides information and guidance about good nutrition and the benefits of a healthy, active lifestyle. Students will study nutritional needs at various stages of life and learn about healthy food selection, preparation, and storage. Students will start and maintain a sustainable fitness program of aerobic walking and other low intensity activities.