

CEDARCREST HIGH SCHOOL



**COURSE CATALOG
2010-2011**

COURSE DESCRIPTION GUIDE

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INTRODUCTION

The purpose of this booklet is to familiarize students and parents with pertinent information about school procedures, curriculum, graduation requirements, and post-secondary planning. The Counseling/Career Center staff encourages parents and students to seek answers to questions by making telephone calls or by going to the school website – www.chs.riverview.wednet.edu. Cedarcrest High School administrators and teachers expect students to be accountable and responsible. Students have the most important role in the educational process; they fulfill this role by developing strong study habits, participating in school through classroom instruction and extracurricular activities, showing respect for others and for school property, and interacting positively with peers and staff.

Terms and Definitions

Credit	A numerical representation of a passing grade
Requirement	A course you must take in order to graduate
Elective	A course selection other than a required course
Prerequisite	A course or requirement that must be met before the student is eligible for a course
Semester	90 days

Course Requirements and Recommendations

A minimum number of credits is required in grades 9-12 to graduate from high school. Requirements are listed by year of graduation.

Graduation Requirements for CHS students

Requirements	Class of 2009 to 2011	Class of 2012 and beyond	Minimum Required Courses for 4-Year College Admission within Washington State
English	3.5	3.5	4.0
World Geography/Washington State History	0.5	0.5	0.5
Modern World History/Geography	1.0	1.0	1.0
US History	1.0	1.0	1.0
Senior Seminar	0.5	0.5	0.5
Psychology, Current World Problems, Economics, or Law and Business Ethics	0.5	0.5	0.5
Math	2.0	3.0	3.0 (through Integrated III/Algebra 2)
Science	2.0	2.0	2.0
Health (0.5) /Physical Education	2.0	2.0	
Career and Technical Education (Occupational)	0.5	0.5	
Digital Communications (Occupational)	0.5	0.5	
Fine Arts	1.0	1.0	1.0
Electives	6.0	5.0	2.0 of the same world language
Total	21.0	21.0	

Note: Four-year college admission requirements may exceed high school graduation requirements and minimum college requirements within the state. Selected colleges may have additional requirements.

1. Some colleges may have requirements for specific programs. College websites or college catalogs should be consulted for further information.
2. Most colleges, both public and private, now prefer on-line application for admission.

Grading Policy

The grading policy for grades 9 through 12 shall be:

A = 4.0 A- = 3.7 B+ = 3.3 B = 3.0 B- = 2.7 C+ = 2.3 C = 2.0 C- = 1.7 D+ = 1.3 D = 1.0 F = 0.0 P = Pass NC = No Credit

Each student's grade point average shall be the sum of the point values, as defined above, of all the grades received for all courses attempted, divided by the sum of the credits for all the courses attempted. All grades for all courses taken shall be included in the calculation of the grade point average unless the course is repeated (see Repeated Course section below). The "P" grade shall not be computed.

Exceptions:

- Teacher Assistant, Office Assistant and Peer Tutor positions will be graded (P) Pass or (F) Fail. (I) denotes an incomplete grade.

Incompletes:

- Incompletes must be completed within 10 school days after the end of the semester. Teachers who give "I" grades are requested to provide appropriate materials to the student to satisfy the course requirements. **Teachers must submit to the counseling office, the student, and the parent a completed "incomplete form." This form lists due dates and material to be completed. It also includes signatures from the teacher, the student, the parent, and an administrator. After 10 days, if the work is not completed, the "I" will become a grade of "F."**

Repeating a Course

If you would like to repeat a course in order to improve your grade, you may do so, depending upon availability. Both courses will remain on your transcript, but you have two options regarding how this grade will be recorded:

- You may choose to replace the grade and although the former grade will remain on the transcript, it won't be factored into your grade point average. This option will not affect your grade point average.
- You may keep the lower grade and use it as an elective credit. This option will average both grades into your grade point average.

Report Cards/Progress Reports

Parents and students will receive official notification of student grades twice each semester (90 days). Mid-semester progress reports are distributed approximately 45 days into the semester, and the final grade report is issued at 90 days. Parents or students may request other progress reports throughout the semester. Teachers will make every effort to establish contact with parents of students earning a failing grade. Such contact will be made in sufficient time to correct student performance prior to receiving their final grade.

Add/Drop Procedure for Schedule Changes

Schedule changes are made only for the following reasons:

- **Improper placement.**
- **Access to courses needed to graduate on time.**
- **Counselors reserve the right to change schedules in order to balance class sizes.**

Students at CHS are given the freedom and responsibility to choose specific class periods and teachers during the spring registration process. Students may need to prioritize course requests should a registration conflict arise. If students wish to change a class for a reason listed above, students must **make an appointment** with their counselor **within the first five days of the course**. At any time during the year, changing a class for reasons other than the above stated will result in an "F" on the student's transcript.

Fees and Fines

In accordance with State law, the school district will provide each student with the materials and supplies necessary to learn the basic skills taught in their classes. However, many students wish to extend their educational experiences beyond required classes and/or keep the projects they make in school. In these cases, special materials may be purchased at school when available (project purchase fee), or brought from home or other sources. Other optional expenses associated with high school include: ASB card, yearbook, school pictures, parking permits, etc. It is the student's responsibility to monitor the safekeeping of books, materials, and equipment issued by the school. A replacement fine will be assessed for lost, stolen, or damaged school property. Fine monies collected will be used by the school to purchase replacement materials. **Note: All fees and fines must be paid in order for graduating seniors to receive a cap and gown for commencement.**

Cedarcrest High School Meeting Policy

All parent conferences, hearings and meetings will be held in accessible locations and auxiliary aids (sign language, interpreters, readers) will be provided upon request. Please contact the main office during school time at 425-844-4800 with your request at least 10 days in advance of your meeting.

Academic Letters

The academic letter is intended to honor and recognize students who have achieved academic skills of the highest standards; to provide a uniform district-wide method to recognize academically motivated students; and to provide an additional procedure, over and above the individual high school practices, for recognizing student achievement.

Eligibility Requirement

1. Students must have maintained a 3.7 cumulative GPA for all subjects taken during high school according to their transcript at the end of each academic year. Students will be notified of the GPA eligibility for the academic letter by the principal or designee.
2. All eligible students must take a full schedule of six classes per semester and earn a minimum of five credits during the academic year.
3. Students must be enrolled as a full time Cedarcrest student for an academic letter. Exceptions to this policy are limited to Running Start and NEVAC students.

AP and Honors Program

CHS offers an honors recognition program for students who complete a minimum of 5 of the 17 offered honors or AP courses and Senior Seminar during their high school career with a grade of "B" or better. Students who meet the standard for Honors at Graduation and complete an application will be awarded a special recognition on their diploma. Honors and AP course descriptions are listed in this course guide.

Honors and Advanced Placement Courses

AP Classes Offered

AP Biology
AP Calculus
AP Computer Science
AP English 12
AP Studio Art
AP Statistics

Honors Classes Offered

Honors Physical Science
Honors Biology
Honors Chemistry
Honors Physics
Honors Algebra 2/Integrated III
Honors Pre-Calculus
Honors English 9
Honors English 10
Pre-AP English 11
Honors U.S. History
Honors Modern World History/Geography

The Advanced Placement Program (AP) is a cooperative educational endeavor among secondary schools, colleges and universities, and the College Board. It gives high school students exposure to college level material through involvement in an AP course, and then gives them an opportunity to show what they have learned by taking an AP Exam. Colleges and universities are then able to grant credit, placement, or both to these students. A student who earns a grade of 3 or better on an AP Exam is generally considered qualified to receive credit for the equivalent course at one of the almost 3,000 colleges and universities that give credit for AP Exams. The **student should contact** the four-year institution that he/she plans to attend to determine if the credit will transfer. **Course credit is dependent upon completion of the AP exam. There is a fee for the exam.**

Athletic Eligibility

The following criteria are required for a student to participate in athletics:

1. Be a resident of Riverview School District.
2. Be enrolled in at least 5 classes and passing all subjects during the semester of competition.
3. Have passed all subjects in the semester prior to participation.
4. Have a physical examination card on file in the activities/athletic office.
5. Purchase insurance or submit insurance waiver to the activities/athletic office.
6. Purchase an ASB card.
7. All outstanding fines must be paid.
8. Prior sports season locks and uniforms must be returned.
9. Periodic grading updates required, to be returned to the coach or athletic director.

NCAA Freshman Athletic Eligibility

Students wishing to participate in athletics in Division I and Division II schools must meet certain minimum core academic course requirements. **In addition**, they must qualify with a minimum core GPA and minimum SAT-1 or ACT test scores. These requirements vary according to the NCAA Initial-Eligibility Index. Early planning is recommended. Interested students should see their counselor or the school's athletic director. Students should check with their counselor throughout their high school career to maintain eligibility. For further information, see the informational page at the back of this guide or access the NCAA website: www.ncaaclearinghouse.net.

Alternative Credit

Students must complete alternative credit classes taken from non-Riverview School District providers by June 1. Students are responsible to provide the Cedarcrest Counseling Office with **official** transcripts. If the provider is not accredited by the National Association of Accredited Schools, an Alternate Credit Request form must be obtained from the CHS registrar and approved prior to the start of the class.

Late Arrival/Early Dismissal

Late arrival and early dismissal are privileges reserved for students with **senior** standing only who are on schedule to graduate with their class. Students are encouraged to take a full schedule at Cedarcrest High School each semester. Seniors are permitted to take **either** late arrival or early dismissal for (1) one period only. Students are responsible for consulting with their counselor to make sure that enough credits are being earned for graduation. No credit is granted for late arrival or early dismissal. **Students are responsible for obtaining all information given during announcements and advisory period. Students can obtain this information on the CHS Website.**

COLLEGE CREDIT AND CAREERS NETWORK (FORMERLY TECH PREP)

College Credit and Careers Network is a dual-credit program that provides an opportunity for a high school student to receive college credit for completing certain high school courses with a grade of "B" or better. For a list of dual-credit courses offered at CHS, see pages 44-46.

RUNNING START

High school juniors and seniors who show readiness for college-level classes have the opportunity to attend a community college and earn high school and college credit at the same time. The first step for a student to participate in Running Start is to contact any local community college and make an appointment to register and take a placement examination. If students have taken and passed the placement examination, students then consult with their high school counselor to determine what college courses will fulfill high school graduation requirements. A form must be completed showing that the student has conferred with their high school counselor and determined what classes will be taken. The college will schedule a registration time for the student prior to the start of class at the community college.

Some things that the student must remember when they decide that they wish to participate in the Running Start program:

1. Students must provide their own transportation to the community college.
2. If a student drops a college class they must officially drop the class through the community college.
3. Students must remember that they will be enrolled in regular college classes with adult students where attendance may not be taken and the students are responsible for their own actions and participation.
4. The Riverview School District will pay for tuition in the Running Start Program. The student must pay for their books, lab fees, and other additional expenses. The Running Start Program does not apply to summer quarters – only fall, winter, and spring quarters.
5. Colleges and high schools operate on different schedules. The student will need to check each school's calendar for term and/or semester starting dates, ending dates, and vacation dates.
6. A five (5) credit college course is equal to 1.0 high school credits.

For further information on this program, please talk to your counselor. **Students are responsible for obtaining all information given during announcements and advisory period. Students can obtain this information on the CHS Website.**

NEVAC and WaNIC

NEVAC, the Northwest Vocational Area Cooperative, is a nine-district cooperative facilitating students' enrollment in 1-2 credit *highly challenging, specialized courses and programs* in member districts. Washington Network of Innovation Careers skill center classes are 2.5-3.0 credit classes that are also specialized preparatory courses. For more information see pages 44-46 and see Mrs. Gilmore, Career Specialist, in the Career Center.

FOUR-YEAR PLANS

The following are 4-Year Plans with the courses students are expected to take at grade levels. The plans below are the required courses for graduation from Cedarcrest High School. If a student is planning to attend college, he/she will need to find out what additional courses are required for entry.

FOUR-YEAR PLAN Classes of 2011 and 2012

9 th Grade	
English	English
Math	Math
Physical Science	Physical Science
Washington State History	Health/Fitness
Digital Communications	Elective
Elective	Elective

10 th Grade	
World History	World History
Math	Math
English	English
Biology	Biology
Elective	Elective
Elective	Elective

11 th Grade	
US History	US History
English Reading/Writing	English Reading/Writing
Elective	Elective
Elective	Elective
Elective	Elective
Elective	Elective

12 th Grade	
CWP/ Psych/Law and Bus. Ethics/Economics	Senior Seminar
English	Elective
Elective	Elective
Elective	Elective
Elective	Elective
Elective	Elective

FOUR-YEAR PLAN Classes of 2013 and 2014

9 th Grade	
English	English
Math	Math
Physical Science	Physical Science
Washington State History	Health/Fitness
Digital Communications	Elective
Elective	Elective

10 th Grade	
World History	World History
Math	Math
English	English
Biology	Biology
Elective	Elective
Elective	Elective

11 th Grade	
US History	US History
English Reading/Writing	English Reading/Writing
Math	Math
Elective	Elective
Elective	Elective
Elective	Elective

12 th Grade	
CWP/ Psych/Law and Bus. Ethics/Economics	Senior Seminar
English	Elective
Elective	Elective
Elective	Elective
Elective	Elective
Elective	Elective

ALPHABETICAL LIST OF COURSES WITH CROSS-CREDIT REFERENCES

E=English	EL=Elective	FA=Fine Arts
H=Health	M=Mathematics	O=Occupation (CTE)
PE=Physical Education	S=Science	PS=Post Science* (See Counselor)
SS=Social Studies	C=College Credit	\$=Course Fee

Course and Cross References	Page
Accounting – O, C, \$	13
Advanced Ceramics/Sculpture – FA, \$	21
Advanced Computer Programming – O, C, \$	16
Advanced Drama – FA	27
Advanced Health – PE	35
Adv. Computerized Accounting – O, \$	14
Advanced Painting/Drawing – FA, \$	21
Aerobic Fitness – PE	35
Agriculture Metals/Woods Tech I – O, \$	9
Agriculture Metals/Woods Tech II – O, \$	10
Agriculture Metals/Woods Tech III – O, \$	10
Agriculture Metals/Woods Tech IV – O, C, \$	10
Agriculture Power – Electricity – O, \$	9
Agriculture Power – Small Engines – O, \$	9
Agriscience I – S, O, \$	9
Agriscience II – S, O, \$	9
Algebra 1 – M	33
Algebra 2 – M	33
Anatomy and Physiology – S, \$	38
Animation I – O, C, \$	22
Animation II – O, \$	22
Animation III – O, \$	23
Animation IV – O, \$	23
AP Biology – S, \$	38
AP Calculus – M, \$	34
AP Computer Science – O, C, \$	17
AP English 12 – E, \$	31
AP Statistics – M, \$	34
AP Studio Art – FA, \$	21
Applied Mathematics I – M, O	17, 34
Applied Mathematics II – M, O	17, 34
Architectural/Engineering Design I – O, C, \$	17
Architectural/Engineering Design II – O, C, \$	18
Architectural/Engineering Design III – O, C, \$	18
Architectural/Engineering Design IV – O, \$	18
Architectural/Engineering Design V – O, \$	18
Architectural/Engineering Design VI – O, \$	18
Architectural/Engineering Design VII – O, \$	18
Architectural/Engineering Block – O, C, \$	19
Attendance Office Aide – EL	41
Basic Art – FA, \$	20
Beginning Drama – FA	27
Biology – S, \$	37
British & World Literature – E	31

Course and Cross References	Page
Business English – E, O	13, 31
Business Math – M, O	14, 34
Career Center Aide – EL	41
Career Choices – O	16
Cartooning – FA, \$	20
Chamber Choir – FA, \$	26
Chemistry – S, \$	38
College Writing – E	30
Computer Game Prog. & Design – O, C, \$	17
Contemporary World Problems – SS	40
Counseling Office Aide – EL	41
Creative Writing – E	31
Digital Communication Tools – O, C	12
Digital Imaging I – O, \$	25
Digital Imaging II – O, C, \$	25
Digital Imaging III – O, \$	25
Digital Imaging IV – O, \$	25
Economics – SS, O	14, 40
English 9 – E	29
English 10 – E	30
English 11 – E	30
Entrepreneurship – O	13
Financial Planning – M, C, O	14
Floriculture I – FA, O, \$	10, 22
Floriculture II – FA, O, \$	10, 22
Floriculture III – FA, O, \$	10
Floriculture IV – FA, O, \$	11
Foundations of Mathematics – M	32
Fundamentals of Ceramics – FA, \$	21
Fundamentals of Sculpture – FA, \$	21
Fundamentals of Painting/Drawing – FA, \$	20
Geometry – M	33
Guitar – FA, \$	26
Health & Fitness – PE	35
History of Jazz – FA	27
Honors Algebra 2 – M	33
Honors Biology – S, \$	37
Honors Chemistry – S, \$	38
Honors English 9 – E	29
Honors English 10 – E	30
Honors Mod. World History/Geography – SS	39
Honors Physical Science – S, \$	37
Honors Physics – S, \$	38
Honors Pre-Calculus – M	33

ALPHABETICAL LIST OF COURSES WITH CROSS-CREDIT REFERENCES

Course and Cross References	Page
Honors US History/America Government – SS	40
Horticulture I – PS, O, \$	11, 37
Horticulture II – PS, O, C, \$	11, 37
Horticulture III – O, \$	11
Horticulture IV – O, \$	11
Horticulture/Floriculture – O, C, \$	11
Intro to Animation and Video – FA, O, \$	22
Intro to Business – O, C	12
Intro to Computer Programming – O, C, \$	16
Intro to Photography and Imaging – FA, O, \$	24
Japanese I – EL, \$	28
Japanese II – EL	28
Japanese III – EL	28
Japanese IV – EL	28
Jazz Band – FA, \$	26
Jazz Choir – FA, \$	27
Law and Business Ethics I – SS, O, \$	13, 40
Law and Business Ethics II – O, C, \$	13
Leadership – EL	42
LRC Work Experience – EL	41
Main Office Aide – EL	41
Marketing I – O, \$	14
Marketing II – O, C, \$	15
Marketing III – O, \$	15
Marketing IV – O, \$	15
Marketing Seminar – O, \$	15
Men’s Choir – FA, \$	26
Microsoft Office Applications – O, C, \$	13
Modern World History and Geography – SS	39
NEVAC – O, \$	42
Peer and Cross Age Tutoring – EL	41
Photography I – O, \$	24
Photography II – O, \$	24
Photography III – O, \$	24
Photography IV – O, \$	24
Physical Science – S, \$	37
Physics – S, \$	38
Pre-Algebra – M	32

Course and Cross References	Page
Pre-AP English 11 – E	30
Pre-Calculus – M	33
Printmaking – FA, \$	20
Prog./Games/Real-Time Simulation – O, \$	16
Psychology – SS	40
Public Speaking – E	31
Robotics – O, \$	19
Senior Seminar - SS	40
Short Stories – E	31
Spanish I – EL, \$	28
Spanish II – EL, \$	29
Spanish III – EL, \$	29
Special Services Peer Tutor – EL	41
Sports Medicine I – PE, O, C, \$	19, 36
Sports Medicine II – PE, O, C, \$	19, 36
Sports Medicine III – PE, O, \$	20, 36
Sports Medicine Lab – PE, O	19, 36
Sports/Entertainment Management – O, \$	15
Sports/Entertainment Marketing – O, \$	15
Strength and Conditioning – PE	35
Teacher Assistant - EL	41
Team Sports – PE	35
Turf/Turfgrass Management I – O	12
Turf/Turfgrass Management II – O, C	12
US History and American Government – SS	39
Video Cinema I – O, C, \$	23
Video Cinema II – O, \$	23
Video Cinema III – O, \$	23
Video Cinema IV – O, \$	23
WaNIC – O, \$	42
Washington State History/Geography – SS	39
Web Publishing – O, C	12
Wind Ensemble – FA, \$	26
Women’s Choir – FA, \$	25
Worksite Learning – O	16
Yearbook/Photography – FA	21

CAREER AND TECHNICAL EDUCATION (OCCUPATIONAL CREDITS)

AGRICULTURE EDUCATION

AGR130 AGRISCIENCE I

Grades: 9-12
Semester: 0.5 credit
Cross Credit: S, O

Course Fee: \$20
Prerequisite: None

Description: **This course can be cross-credited as a .5 lab science credit.** The areas the student will explore will include biotechnology, Agriscience careers, natural resources, plant science, animal science, food science, communication, marketing, and agriculture mechanics. **FFA leadership component.**

AGR131 AGRISCIENCE II

Grades: 9-12
Semester: 0.5 credit
Cross Credit: S, O

Course Fee: \$20
Prerequisite: Agriscience I or teacher's permission

Prerequisite: **This course can be cross-credited as a .5 lab science credit.** This is a continuation of Agriscience I. It includes pest management practices, Agriscience careers, crop science, ornamental horticulture, turfgrass management, animal science, food science, communication, and agribusiness. **FFA leadership component.**

AGR132 AGRICULTURE POWER – SMALL ENGINES

Grades: 9-12
Semester: 0.5 credit
Cross Credit: O

Course Fee: \$25
Prerequisite: None

Description: Students will study operation, ignition, carburetion, and lubrication of internal combustion single cylinder 2-cycle and 4-cycle engines. Students will study tools and equipment that are used to perform simple repair and overhaul a small engine. Students will also develop skills to identify problems through systematic troubleshooting process. Students will disassemble and assemble a single-cylinder 4-cycle engine. **FFA leadership component.**

AGR133 AGRICULTURE POWER – ELECTRICITY

Grades: 9-12
Semester: 0.5 credit
Cross Credit: O

Course Fee: \$25
Prerequisite: None

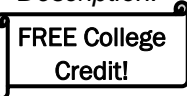
Description: Electrical theory is explored and practical application is applied to lab exercises. Students will learn series and parallel circuit operation, design simple electrical home/agricultural building wiring circuits. Students will perform lab exercises relating to house/agricultural building wiring and electrical controls. The student will learn to properly use tools, equipment and materials specific to electricians. **FFA leadership component.**

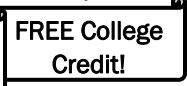
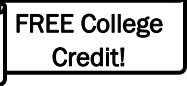
AGR201 AGRICULTURE METALS/WOODS TECHNOLOGY I

Grades: 9-12
Semester: 0.5 credit
Cross Credit: O

Course Fee: \$25
Prerequisite: None

Description: This class is an introduction to agriculture woodworking, construction processes and procedures. Additional areas of study may include, but are not limited to, cabinetry, joinery, furniture construction and carpentry. Students will work independently and as team members in a simulated industrial environment. Systematic, orderly and purposeful use of time, student leadership and safety are strongly emphasized. **FFA leadership component.**

AGR202	AGRICULTURE METALS/WOODS TECHNOLOGY II	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: O</i>
<i>Course Fee:</i>	\$25	
<i>Prerequisite:</i>	AGRICULTURE METALS/WOODS TECHNOLOGY I	
<i>Description:</i>	This class is a continuation of the first semester class: agriculture woodworking, construction processes and procedures. Additional areas of study may include cabinetry, joinery, furniture construction and carpentry. Students will work independently and in teams in a simulated industrial environment. Student leadership and safety are strongly emphasized. FFA leadership component.	
AGR203	AGRICULTURE METALS AND WOODS TECHNOLOGY III	Grades: 10-12 Semester: 0.5 credit <i>Cross Credit: O</i>
<i>Course Fee:</i>	\$25	
<i>Prerequisite:</i>	AGRICULTURE METALS/WOODS TECHNOLOGY II	
<i>Description:</i>	This class will be for students who have taken the first two courses in Metals and Woods. The students will continue to develop metalworking and woodworking skills that are required to enter related industries. The student will work independently and as team members in a simulated industrial environment. The students are required to complete 6 projects. FFA leadership component.	
AGR204	AGRICULTURE METALS AND WOODS TECHNOLOGY IV	Grades: 10-12 Semester: 0.5 credit <i>Cross Credit: O</i>
<i>Course Fee:</i>	\$25	
<i>Prerequisite:</i>	AGRICULTURE METALS AND WOODS TECHNOLOGY III	
<i>Description:</i>	The students will continue to develop metalworking/woodworking skills using the new state-of-the-art plasma cutter that are required to enter related industries. The student will work independently and as team members in a simulated industrial environment. The students are required to complete 6 projects. FFA leadership component.	
		
AGR251	FLORICULTURE I	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: FA, O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	None	
<i>Description:</i>	This introductory course includes careers in horticulture, history, principles of design and the conditioning of cut flowers. Emphasis is given to hands-on activities that revolve around holidays each semester. Sales and marketing of Christmas wreaths and centerpieces is part of this class. Plant Identification will be part of the class. Corsages and boutonnieres, mechanics and bow making are covered in this class. FFA leadership component.	
AGR252	FLORICULTURE II	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: FA, O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Floriculture I or teacher's permission	
<i>Description:</i>	This is a continuation of Floriculture I. It includes arrangements, potted plants, pricing and selling in the floral shop. Plant identification is included in this class. Students will participate in the winter bulb sale and the spring plant sale. FFA leadership component.	
AGR253	FLORICULTURE III	Grades: 10-12 Semester: 0.5 credit <i>Cross Credit: FA, O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Floriculture II or teacher's permission	
<i>Description:</i>	The advanced class of Floriculture will review skills from Floriculture I & II with an emphasis on improved skill development. Projects will be determined by semester in which this class is offered. Wedding flowers, sympathy flowers, Plant ID, and Bud Vase of the week flowers will be the main focus. This class will probably be offered in alternating years. FFA Floral competitions.	

AGR254	FLORICULTURE IV	Grades: 10-12 Semester: 0.5 credit <i>Cross Credit: FA, O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	<i>Floriculture III or teacher's permission</i>	
<i>Description:</i>	This advanced class of Floriculture will review skills from Floriculture I, II, & III with an emphasis on improved skill development. Projects will be determined by semester in which this class is offered, specifically, Plant ID, Product Display, dealing with customers, and creating arrangements will be covered. This class will be offered in alternating years. FFA Floral competitions.	
AGR241	HORTICULTURE I	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: PS, O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	<i>None</i>	
<i>Description:</i>	This introductory course includes plant taxonomy, plants and their function, the environment, chemicals and asexual propagation. Students will have use of the school greenhouse for lab projects. Plant identification is a key component of this class. Students will also do a floral design project. Sales and marketing of greenhouse projects is an activity of this class. FFA leadership component.	
AGR242	HORTICULTURE II	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: PS, O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	<i>Horticulture I or teacher's permission</i>	
<i>Description:</i>	The second semester of this introductory course includes growing plants from seed, insect control, using plants in the landscape and pruning. Students will grow plants in the school greenhouse and do a sales and marketing project with the spring plant sale. FFA leadership component.	
		
AGR243	HORTICULTURE III	Grades: 10-12 Semester: 0.5 credit <i>Cross Credit: O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	<i>Horticulture II or teacher's permission</i>	
<i>Description:</i>	Landscaping is the major focus of this advanced class. Students will do a home landscape design with emphasis on nursery plant identification, and the needs of soil requirements for growth. Landscape maintenance will also be covered that includes lawns, pruning, fertilizing. A school landscape project will be included in this class. This class will probably be offered in alternating years. FFA leadership component.	
AGR244	HORTICULTURE IV	Grades: 10-12 Semester: 0.5 credit <i>Cross Credit: O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	<i>Horticulture III or teacher's permission</i>	
<i>Description:</i>	Interior and exterior landscaping is the major focus of this advanced class. Students will do a business interior and exterior landscape design with emphasis on plant identification and requirements for growth. Landscape maintenance will also be covered that includes lawns, pruning, fertilizing. This class will probably be offered in alternating years. FFA leadership component.	
AGR220	HORTICULTURE/FLORICULTURE	Grades: 11-12 Year: 3 credits <i>Cross Credit: O</i>
<i>Course Fee:</i>	\$40	
<i>Prerequisite:</i>	<i>Agriscience I/II recommended</i>	
<i>Description:</i>	The 3-period block will cover Horticulture/Floral Design principles/techniques including flower identification and conditioning of cut flowers with hands-on holiday activities including the sale/marketing, growing, nurturing, and preparing plants commercially—plants, trees, shrubs, and flowers of the Pacific Northwest. Greenhouse/nursery management/landscape design labs are in a fully-equipped greenhouse. FFA leadership component.	
		

AGR228 TURF AND TURFGRASS MANAGEMENT I

Grades: 9-12
Semester: 0.5 credit
Cross Credit: 0

Course Fee: None
Prerequisite: Successful completion of Physical Science

Description: This class will introduce students to the Turf and Turfgrass industry. Our principal focus will be to develop skills required to work at a golf course and turf maintenance industry. Students will be applying what they learn in the classroom to actual situations found on a golf course and or local turf fields. This class will help maintain the Cedarcrest High School sports field. **FFA leadership component.**

AGR236 TURF AND TURFGRASS MANAGEMENT II

Grades: 9-12
Semester: 0.5 credit
Cross Credit: 0

Course Fee: None
Prerequisite: Turf and Turfgrass Management I

Description: This class continues student's knowledge in the turfgrass industry. Focus will be to develop skills required to work in the golf course industry. Students will be applying what they learn in the classroom to actual situations found on a golf course and or local turf fields. This class will spend time at a golf course and work with fairways, greens, roughs and tee boxes. **FFA leadership component.**

FREE College Credit!

BUSINESS EDUCATION

BUS151 DIGITAL COMMUNICATION TOOLS

Grades: 9-12
Semester: 0.5 credit
Cross Credit: 0

Course Fee: None
Prerequisite: None

Description: This course will teach students how to use the computer as a business tool. Students begin with a review of basic keyboarding skills. Major units of study include word processing training (letters, memos, reports, resumes), presentation software (PowerPoint), spreadsheets, and web design skills (elements of basic design, linking pages, HTML code and more). Emphasis will be placed on career exploration. **FBLA leadership component.**

FREE College Credit!

BUS247 INTRODUCTION TO BUSINESS

Grades: 9-12
Semester: 0.5 credit
Cross Credit: 0

Course Fee: None
Prerequisite: None

Description: This is an entry-level business class. Students will learn business principles regarding forms of business ownership, management skills, finance, marketing, production, and human resources. In addition, they will learn basic elements of a contract. Students will learn how different types of businesses market their products to consumers, and what customer services are needed to build a satisfied customer base. **FBLA and/or DECA leadership component.**

FREE College Credit!

BUS210 WEB PUBLISHING

Grades: 9-12
Year: 1.0 credit
Cross Credit: 0

Course Fee: None
Prerequisite: None

Description: Students can earn 5 college credits first semester and 4 credits second semester. Students will learn basic HTML and how to use Microsoft FrontPage and Macromedia Dreamweaver. Projects for this class include the redesign of our CHS website and the continued development of the CHS/Tolt Yearbook. Class projects will follow the web design process, from project planning to presentation, to redesign, to completion/final evaluation. **FBLA and/or TSA leadership component.**

FREE 9 College Credits

BUS205 MICROSOFT OFFICE APPLICATIONS**Grades: 9-12**
Semester: 0.5 credit
Cross Credit: OCourse Fee: \$20 and fee for each MOS test if taken
Prerequisite: Successful Completion of Digital Communication Tools

FREE College Credit! Description: This course will provide students with Microsoft Office Specialist (MOS) software training used in industry. Students will demonstrate their knowledge and skills in Word, Excel, PowerPoint, Access, and Outlook, and will receive training in the use of voice recognition technology. Students will be eligible to receive MOS certification. **FBLA leadership component.**

BUS248 BUSINESS ENGLISH**Grades: 12**
Semester: 0.5 credit
Cross Credit: E, OCourse Fee: None
Prerequisite: Successful Completion of Digital Communication Tools and Sophomore EnglishDescription: This course emphasizes applied business skills through professional communication (writing, listening, reading and speaking.) problem solving, goal setting, conflict resolution and team building, interviewing, and oral presentation. The goal of this class is to prepare students for the business world they enter after high school. **FBLA and/or DECA leadership component.****BUS301 LAW AND BUSINESS ETHICS I****Grades: 9-12**
Semester: 0.5 credit
Cross Credit: SS (12th), OCourse Fee: \$5
Prerequisite: NoneDescription: This course is designed to teach basic understanding of the law as it applies to society in general, to the individual citizen, and to minors. This course will cover the legal aspect of many situations common to everyday society such as civil law, criminal law, and basic contract law and business ethics. There will be a field trip to a courthouse. **FBLA and/or DECA leadership component.****BUS302 LAW AND BUSINESS ETHICS II****Grades: 9-12**
Semester: 0.5 credit
Cross Credit: OCourse Fee: \$5
Prerequisite: Law and Business Ethics I

FREE College Credit! Description: This course is more in-depth with business law concepts such as bailments, Uniform Commercial Code, agency/principal/contractor relationships, financial documents, warranties, bankruptcy, and ethics. There will be a field trip to a courthouse. **FBLA and/or DECA leadership component.**

BUS351 ACCOUNTING**Grades: 9-12**
Year: 1.0 credit
Cross Credit: OCourse Fee: \$20
Prerequisite: None

FREE College Credit! Description: **The language of business.** Students will learn how to keep financial records. They will learn journalizing, posting, completing work sheets, preparing financial reports, and calculating depreciation. On a personal basis, students will complete an IRS Form 1040 with detailed schedule A. In addition to work out of the text, students will complete simulated business projects. Emphasis will be placed on career exploration in this field. **FBLA and/or DECA leadership component.**

BUS461 ADVANCED/COMPUTERIZED ACCOUNTING**Grades: 10-12**
Semester: 0.5 credit
Cross Credit: OCourse Fee: \$20
Prerequisite: Successful Completion of Accounting and teacher's permissionDescription: More advanced theories of accounting will be presented in this course, including work with partnerships, corporations, and departmental accounting. The student will learn basic principles and terminology of computerized accounting operations. Students will complete culminating business simulation projects. Emphasis will be placed on career exploration. **FBLA leadership component.**

BUS364 ENTREPRENEURSHIP**Grades: 10-12**
Semester: 0.5 credit
Cross Credit: OCourse Fee: None
Prerequisite: Marketing I and II OR Introduction to Business and Marketing II

Description: **Students will manage the student store and must be in FBLA and/or commit to Connected.edu (DECA).** The course focuses on starting/owning your own business or working in nearly any form of business. Students will gain knowledge in the areas of business ownership, management, ethics, legal issues, and leadership necessary to establish and maintain a business.

MTH401 BUSINESS MATH**Grades: 10-12**
Year: 1.0 credit
Cross Credit: M, OCourse Fee: None
Prerequisite: Integrated I

Description: Math content for this course includes calculating discounts, interest rates, percentages, and payroll problems. Emphasis will be placed on federal income tax, financial services and consumer spending/lending problems. **Course may only be cross-credited for 3rd-year math requirement. FBLA and/or DECA leadership component.**

SST412 ECONOMICS**Grades: 11-12**
Semester: 0.5 credit
Cross Credit: SS (12th), OCourse Fee: None
Prerequisite: None

Description: Learn how individuals/societies use scarce resources for the production of alternative goods and how they are distributed among society. Also emphasized are the economic principles upon which the free enterprise system is based. Students will study the role government plays in this system and compare the American economic system to other systems. Students will learn about consumer economics. **FBLA and/or DECA leadership component.**

MTH130 FINANCIAL PLANNING**Grades: 11-12**
Year: 1.0 credit
Cross Credit: M, OCourse Fee: None
Prerequisite: Integrated I

Description: This course will teach students to develop financial literacy through real-world examples. Students will learn how to make informed decisions related to spending, saving, credit, investing, identity theft, maintaining a checking account, purchasing a home and insurance, applying for college grants and scholarships, retirement and estate planning. **Course may only be cross-credited for 3rd-year math requirement. FBLA and/or DECA leadership component.**

FREE College Credit!**MARKETING EDUCATION****MRK201 MARKETING I****Grades: 9-12**
Semester: 0.5 credit
Cross Credit: OCourse Fee: \$20
Prerequisite: None

Description: Students will learn the basics of the free enterprise system and the U.S. economy. Students will learn how market decisions are made and will be able to make these same decisions through computer simulations and class activities. Leadership development will be a part of this class through DECA (www.WADECA.org). Students will have the opportunity to attend local, regional, state and national events to learn more about marketing and compete in classroom-related events.

MRK208 MARKETING II**Grades: 9-12**
Semester: 0.5 credit
Cross Credit: 0Course Fee: \$20
Prerequisite: Marketing I OR Introduction to Business*Description:***FREE College Credit!**

Continuation of Marketing I with special emphasis on the promotion. Students will learn how market/promotional decisions are made and will be able to make these same decisions through computer software and class activities. Leadership development available via DECA. Students will have the opportunity to attend local, regional, state and national events to learn more about marketing and compete in classroom-related events.

MRK214 MARKETING III**Grades: 10-12**
Semester: 0.5 credit
Cross Credit: 0Course Fee: \$20
Prerequisite: Marketing II*Description:*Marketing III is a unique and innovative course. The course is designed as an advanced application of the concepts learned in Marketing I and II. By focusing on this industry, we will allow students to apply concepts in "real-world" situations. An integral addition to the course will be the use of the national DECA organization as a leadership development tool. **DECA participation is required.****MRK219 MARKETING IV****Grades: 10-12**
Semester: 0.5 credit
Cross Credit: 0Course Fee: \$20
Prerequisite: Marketing III*Description:*Marketing IV is a continuation of Marketing III with the student being the major influencer of the curriculum. The course is designed as an advanced application of the concepts learned in Marketing I-III. By focusing on this industry, students will apply concepts in "real-world" situations. An integral addition to the course will be the use of the national DECA organization as a leadership development tool. **DECA participation is required.****MRK212 MARKETING SEMINAR****Grades: 10-12**
Semester: 0.5 credit
Cross Credit: 0Course Fee: \$20
Prerequisite: Teacher's permission*Description:*This is a capstone course of the Marketing Certificate Program. Students will work on specialized advanced projects (DECA). The course is offered at any period to fit into the schedule of student and instructor. **DECA leadership component.****MRK207 SPORTS & ENTERTAINMENT MARKETING****Grades: 10-12**
Semester: 0.5 credit
Cross Credit: 0Course Fee: \$20
Prerequisite: Marketing II*Description:*An introductory course which will develop an understanding of the marketing concepts and theories that apply to sports and sporting events. This course will cover basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals and sports marketing plans. **DECA participation is required.****MRK218 SPORTS & ENTERTAINMENT MANAGEMENT****Grades: 10-12**
Semester: 0.5 credit
Cross Credit: 0Course Fee: \$20
Prerequisite: Sports & Entertainment Marketing*Description:*An introductory course which will develop an understanding of the management concepts and theories that apply to sports and sporting events. This course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals and sports marketing plans. **DECA participation is required.**

WORKSITE LEARNING

BUS345 WORKSITE LEARNING

Course Fee: None
Prerequisite: Career Choices concurrently



Grades: 11-12
Semester/Year: 0.5/1.0 credit
Cross Credit: 0

Description: Do you have a job and would like to earn high school credit for it? Students can earn up to a total of 2 credits. Students receive .5 credit for every 180 hours of work. Students **must** complete the necessary paperwork and return it to the CTE office by the 5th day of school of each term. This class is graded with a Credit/No Credit. **Students must be enrolled in Career Choices course which meets during Advisory.**

BUS347 CAREER CHOICES

Course Fee: None
Prerequisite: Taken concurrently with Worksite Learning



Grades: 11-12
Semester: 0.25 credit
Cross Credit: 0

Description: This is career exploration for students who plan to participate in a worksite learning experience. Students explore career paths, create career goals, and design career plans. Students enrolled in Worksite Learning must be enrolled in this class to receive credit for work hours. **Class meets during advisory.** Grades are offered credit/no credit only. Can be repeated for credit; students will receive more in-depth training.

COMPUTER SCIENCE

CMP365 INTRODUCTION TO COMPUTER PROGRAMMING

Course Fee: \$5
Prerequisite: Integrated I

Grades: 9-12
Year: 1.0 credit
Cross Credit: 0

Description: Students will receive a background in general computer programming principles. They will learn to program in C++. Objectives and activities of the course include understanding how a computer processes programs, writing programs, studying the advantages of structured programming, and involvement in writing and “debugging” personal programs. **FBLA and/or TSA leadership component.**

FREE College Credit!

CMP366 ADVANCED COMPUTER PROGRAMMING

Course Fee: \$5
Prerequisite: Introduction to Computer Programming

Grades: 10-12
Year: 1.0 credit
Cross Credit: 0

Description: This class is for those students who are considering careers in the software industry. The class will focus on problem solving and turning solutions into usable code. Students will be programming in C++ and/or other programming languages. Those wishing to retake the course for credit will learn advanced programming techniques and may elect to learn other programming languages. **FBLA and/or TSA leadership component.**

FREE College Credit!

CMP371 PROGRAMMING FOR GAMES AND REAL-TIME SIMULATION

Course Fee: \$5
Prerequisite: Advanced Computer Programming OR teacher's permission

Grades: 10-12
Year: 1.0 credit
Cross Credit: 0

Description: For those seriously considering careers in the software industry. Class will focus on problem solving, game design, and turning solutions into real games and/or simulations. Students will program in C++ and/or other languages. Will use DirectX and other rendering technologies. May be retaken for credit. **FBLA and/or TSA leadership component.**

CMP363 COMPUTER GAME PROGRAMMING & DESIGN**Grades: 11-12**
Year: 3.0 credit
Cross Credit: O*Course Fee:* \$25
Prerequisite: Successful completion of Algebra I/Integrated I*Description:***FREE College Credit!**

This block class is for those who are seriously considering careers in game and simulation industries. The classes will focus on problem solving, game design, 3D modeling, animation, and turning solutions into real games and/or simulations. Students will program in C++ and/or others. They will use DirectX and other rendering technologies. Students will model and animate in Blender and other 3D software.

CMP442 AP COMPUTER SCIENCE**Grades: 10-12**
Year: 1.0 credit
Cross Credit: O*Course Fee:* \$5 and AP fee
Prerequisite: Introduction to Computer Programming OR teacher's permission*Description:***College Credit!**

Students will program in Java and prepare for the **Advanced Placement (AP)** computer science exam. **Course credit is dependent upon completion of the AP exam. There is a fee for this exam. This is a one-credit class; credit with grade will be awarded in June after completion of the class. Students cannot drop this class at the end of the semester. FBLA and/or TSA leadership component.**

ARCHITECTURE AND ENGINEERING**MTH112 APPLIED MATHEMATICS I****Grades: 9-12**
Year: 1.0 credit
Cross Credit: M, O*Course Fee:* None
Prerequisite: Pre-Integrated Math (B or better) OR Integrated I (C or better)*Description:*

This course offers the opportunity to apply algebra/geometry concepts to problem-solving, decision-making and hands-on laboratory assignments that reflect activities in the workplace. Areas of study are fractions, graphs, measuring, estimates, shapes, ratios, vectors, scientific notation, lines and angles. **Course may only be cross-credited for 3rd-year math. FFA, FBLA, or TSA leadership component.**

MTH113 APPLIED MATHEMATICS II**Grades: 10-12**
Year: 1.0 credit
Cross Credit: M, O*Course Fee:* None
Prerequisite: Successful Completion of Applied Math I and Integrated I*Description:*

This course offers the opportunity to apply advanced algebra, geometry, trigonometry, probability, and statistics concepts to problem-solving, decision-making and hands-on laboratory assignments that reflect activities in the workplace. **Course may only be cross-credited for 3rd-year math. FFA, FBLA, or TSA leadership component.**

IND252 ARCHITECTURAL AND ENGINEERING DESIGN I**Grades: 9-12**
Year: 1.0 credit
Cross Credit: O*Course Fee:* \$5 plus cost of 3D printed models
Prerequisite: None*Description:***FREE College Credit!**

Students learn Computer-Aided Drafting/Design (CAD) techniques. Standard drafting practices are learned and applied to drawings and engineering projects. A final design project is included each semester to challenge the student's knowledge and skill. **Leadership is offered through TSA.**

IND352	ARCHITECTURAL AND ENGINEERING DESIGN II	Grades: 9-12 Year: 1.0 credit <i>Cross Credit: 0</i>
<i>Course Fee: \$5 plus cost of 3D printed models</i>		
<i>Prerequisite: Architectural and Engineering Design I</i>		
<i>Description: Students learn advanced CAD techniques, including extensive work in 3-D. Three dimensional models are created and rendered in various programs. Independent and group activities are included.</i>		
FREE College Credit!		
Leadership is offered through TSA.		
IND452	ARCHITECTURAL AND ENGINEERING DESIGN III	Grades: 10-12 Year: 1.0 credit <i>Cross Credit: 0</i>
<i>Course Fee: \$5 plus cost of 3D printed models</i>		
<i>Prerequisite: Architectural and Engineering Design II</i>		
<i>Description: Students will complete extensive work in 3-D CAD and three-dimensional modeling interested in engineering, architecture, interior design, and/or computer game design.</i>		
FREE College Credit!		
Leadership is offered through TSA.		
IND552	ARCHITECTURAL AND ENGINEERING DESIGN IV	Grades: 10-12 Semester: 0.5 credit <i>Cross Credit: 0</i>
<i>Course Fee: \$5 plus cost of 3D printed models</i>		
<i>Prerequisite: Architectural and Engineering Design III</i>		
<i>Description: Students refine their skills in 3-D modeling and illustration keeping their customers in mind at all times. Student skill sets and projects are defined and evaluated by the student and instructor.</i>		
Leadership is offered through TSA.		
IND554	ARCHITECTURAL AND ENGINEERING DESIGN V	Grades: 10-12 Semester: 0.5 credit <i>Cross Credit: 0</i>
<i>Course Fee: \$5 plus cost of 3D printed models</i>		
<i>Prerequisite: Architectural and Engineering Design IV</i>		
<i>Description: Students refine their skills in 3-D modeling and illustration keeping their customers in mind at all times. Student skill sets and projects are defined and evaluated by the student and instructor.</i>		
Leadership is offered through TSA.		
IND553	ARCHITECTURAL AND ENGINEERING DESIGN VI	Grades: 10-12 Semester: 0.5 credit <i>Cross Credit: 0</i>
<i>Course Fee: \$5 plus cost of 3D printed models</i>		
<i>Prerequisite: Teacher's permission</i>		
<i>Description: Students will design their own products and create working prototypes. This course is designed to take students through the design process from idea to working model. Students must write a proposal and have it pre-approved by the instructor before enrolling in the class. Concurrent enrollment in a manufacturing class is helpful, but not required.</i>		
Leadership is offered through TSA.		
IND555	ARCHITECTURAL AND ENGINEERING DESIGN VII	Grades: 10-12 Semester: 0.5 credit <i>Cross Credit: 0</i>
<i>Course Fee: \$5 plus cost of 3D printed models</i>		
<i>Prerequisite: Teacher's permission</i>		
<i>Description: Students will design their own products and create working prototypes. This course will take students through the design process from idea to working model. Concurrent enrollment in a manufacturing class is helpful, but not required. May be repeated for credit.</i>		
Leadership is offered through TSA.		

IND556 ROBOTICS**Grades: 10-12**
Semester: 0.5 credit
Cross Credit: OCourse Fee: \$150
Prerequisite: Introduction to Computer Programming AND Engineering I OR teacher's permission*Description:* Students learn the fundamentals of robotics. Students will incorporate the engineering and programming skills learned from prerequisite classes into building a functional robot. They will build, program, and test a robot to navigate a maze and/or do other simple tasks. Students will purchase their own robot kits to take home when finished. May be repeated for credit. **Leadership is offered through TSA.****IND265 ARCHITECTURAL AND ENGINEERING DESIGN BLOCK****Grades: 11-12**
Year: 3 credits
Cross Credit: OCourse Fee: \$15
Prerequisite: None*Description:* Students will learn Computer-Aided Drafting/Design (CAD). Standard drafting practices are applied to drawings and engineering projects including extensive work in 3D. Students will be exposed to the working environment of the engineering field and will acquire beginning drafting, modeling, and engineering skills. Design projects are required for both semesters along with independent and group activities. **Leadership is offered through TSA.****FREE College Credit!****SPORTS MEDICINE****SMD100 SPORTS MEDICINE I****Grades: 9-12**
Year: 1.0 credit
Cross Credit: PE, OCourse Fee: \$25
Prerequisite: Health OR Anatomy/Physiology (recommended); either can be taken concurrently*Description:* This course is designed as an intro to basic Sports Medicine concepts and designed for students interested in medical/science careers. Become certified in first aid/CPR/AED and learn ways to prevent, recognize, evaluate, rehabilitate and recondition an athletic injury. Anatomy/physiology, nutrition, and training/physical testing techniques are also covered. **WVSMA leadership component.****FREE College Credit!****SMD101 SPORTS MEDICINE LAB****Grades: 9-12**
Semester: 0.5 credit
Cross Credit: PE, OCourse Fee: None
Prerequisite: Sports Medicine I, II, or III concurrently*Description:* Students may enroll in Sports Medicine Lab **after school**, to put their skills to use in an actual work environment. Successful completion of 90 hours of laboratory experience will result in an additional 0.5 credits earned in Sports Medicine. Students in Sports Medicine I, II, or III are welcome! **Repeatable for credit. Must be enrolled in Sports Medicine I, II, or III concurrently.** WVSMA leadership component.**SMD200 SPORTS MEDICINE II****Grades: 10-12**
Year: 1.0 credit
Cross Credit: PE, OCourse Fee: \$25
Prerequisite: Sports Medicine I*Description:* Take a more in-depth look into the vast dynamics of Sports Medicine. Enhance your leadership skills and improve your injury evaluation skills. Nutrition and rehabilitation/conditioning concepts will be covered in greater detail, and you will design programs for various athletes/situations. You are required to job shadow a medical professional and enroll in Sports Medicine Lab. **WVSMA leadership component.****FREE College Credit!**

SMD300 SPORTS MEDICINE III**Grades: 11-12**
Year: 1.0 credit
*Cross Credit: PE, O**Course Fee: \$25*
Prerequisite: Sports Medicine II

Description: This course will allow the advanced student to further develop their skills in Sports Medicine, career enhancement and leadership development through independent research, practice, and presentation opportunities. The course will consist of a combination of classroom instruction, seminars and community-based internship/experiences. **WVSMA leadership component.**

MEDIA, VISUAL AND PERFORMING ARTS

All students are required to earn 1.0 credit in Media, Visual, or Performing Arts in order to graduate from a high school in the state of Washington.

VISUAL ART**ART103 BASIC ART****Grades: 9-12**
Semester: 0.5 credit
*Cross Credit: FA**Course Fee: \$20*
Prerequisite: None

Description: This course is a beginning art class for all levels. Students will learn the principles and elements of art basic to all visual experience. Students will have the opportunity to learn drawing, painting, printmaking, and sculpture skills.

ART106 PRINTMAKING**Grades: 9-12**
Semester: 0.5 credit
*Cross Credit: FA**Course Fee: \$20*
Prerequisite: Basic Art recommended but not required

Description: Printmaking is a form of art making that involves the reproduction of an image using various hands on techniques. Some of the techniques explored are woodcut, linocut, silkscreen, monotype, handmade paper, stencil, and batik. Students will have an opportunity to print images for posters, t-shirts, cards, and fine art pieces. Students will also learn about the history and set of traditions that belong to the world of printmaking.

ART254 CARTOONING**Grades: 9-12**
Semester: 0.5 credit
*Cross Credit: FA**Course Fee: \$20*
Prerequisite: Basic Art recommended but not required

Description: This is a drawing and painting course designed to teach students of all levels the basic skills to draw and paint cartoons. Students will learn to use a variety of media like graphite, pen and ink, markers and paint. You will also study basic core art concepts and ideas to be able to analyze and discuss their work and the work of famous artists.

ART252 FUNDAMENTALS OF PAINTING/DRAWING**Grades: 9-12**
Semester: 0.5 credit
*Cross Credit: FA**Course Fee: \$20*
Prerequisite: Basic Art is recommended but not required

Description: Anyone can learn to draw and paint in this fun course! Students will explore a variety of media like graphite, charcoal, pen, paint, pastel and mixed media. We will study the elements and principles of art and investigate the work of famous artists. All talent levels are welcome, but come ready to draw and paint everyday.

ART353	ADVANCED PAINTING/DRAWING	Grades: 10-12 Semester: 0.5 credit
<i>Course Fee:</i>	\$15	<i>Cross Credit: FA</i>
<i>Prerequisite:</i>	<i>Successful Completion with B+ or better of Fundamentals of Drawing OR Painting OR Painting/Drawing</i>	
<i>Description:</i>	Students will continue to use their drawing/painting skills with a greater emphasis on creating "original" works of art using a variety of materials and techniques. Students will create a small portfolio of work that will show breadth and concentration on a certain subject matter. Art history and contemporary art will also be a focus of this course.	
ART400	AP STUDIO ART	Grades: 10-12 Year: 1.0 credit
<i>Course Fee:</i>	\$40 + AP testing fee	<i>Cross Credit: FA</i>
<i>Prerequisite:</i>	<i>Successful Completion with a B+ or higher in Basic Art OR Fundamentals of Drawing/Painting and Teacher Permission</i>	
<i>Description:</i>	This is a year-long rigorous course taught with the Advanced Placement guidelines. Students will continue to use their drawing/painting skills with a greater emphasis on creating "original" works of art. Each student is required to complete a portfolio of work. In May students will submit their portfolio for AP assessment.	
ART222	FUNDAMENTALS OF CERAMICS	Grades: 9-12 Semester: 0.5 credit
<i>Course Fee:</i>	\$20	<i>Cross Credit: FA</i>
<i>Prerequisite:</i>	None	
<i>Description:</i>	This foundation course focuses on hand building techniques. You will make and analyze pottery with an emphasis on form and content, as well as develop your personal skills with slab, coil and sculpting techniques. Some writing and art history projects will help you develop a better understanding of the importance of pottery making throughout history.	
ART303	FUNDAMENTALS OF SCULPTURE	Grades: 9-12 Semester: 0.5 credit
<i>Course Fee:</i>	\$20	<i>Cross Credit: FA</i>
<i>Prerequisite:</i>	None	
<i>Description:</i>	Hands-on methods of carving, assemblage and sculptural modeling will be explored through the use of materials such as wood, clay, wire and found objects. Conceptual issues such as spacial orchestration, scale relationships, material interactions and tolerances will be discussed.	
ART226	ADVANCED CERAMICS/SCULPTURE	Grades: 10-12 Semester: 0.5 credit
<i>Course Fee:</i>	\$20	<i>Cross Credit: FA</i>
<i>Prerequisite:</i>	<i>Successful Completion of Fundamentals of Ceramics OR Fundamentals of Sculpture with a B+ or better</i>	
<i>Description:</i>	<i>Continuing on to Advanced Ceramics/Sculpture will allow you to fulfill one "full" credit towards the fine arts requirement.</i> Advanced Ceramics/Sculpture emphasizes more complex projects and introduces "throwing" on the pottery wheel and using a variety of surface design techniques.	
YRB342	YEARBOOK/PHOTOGRAPHY	Grades: 10-12 Year: 1.0 credit
<i>Course Fee:</i>	None	<i>Cross Credit: FA</i>
<i>Prerequisite:</i>	<i>Must have a B or higher in the previous year's English or Art course AND students must have two teachers fill out recommendation forms</i>	
<i>Description:</i>	The objective of this year-long class is to teach you all of the necessary skills to complete the annual publication of The Howler. We will explore the technical and creative process of digital photography, study Adobe Photoshop for image correction and manipulation, and learn the art of graphic layout and design. The class will also help develop writing, editing, advertising, and marketing skills.	

AGR251 FLORICULTURE I**Grades: 9-12**
Semester: 0.5 credit
Cross Credit: FA, OCourse Fee: \$20
Prerequisite: None

Description: This introductory course includes careers in horticulture, history, principles of design and the conditioning of cut flowers. Emphasis is given to hands-on activities that revolve around holidays each semester. Sales and marketing of Christmas wreaths and centerpieces is part of this class. Plant Identification will be part of the class. Corsages and boutonnieres, mechanics and bow making are covered in this class. **FFA leadership component.**

AGR252 FLORICULTURE II**Grades: 9-12**
Semester: 0.5 credit
Cross Credit: FA, OCourse Fee: \$20
Prerequisite: Floriculture I or teacher's permission

Description: This is a continuation of Floriculture I. It includes arrangements, potted plants, pricing and selling in the floral shop. Plant identification is included in this class. Students will participate in the winter bulb sale and the spring plant sale. **FFA leadership component.**

MEDIA ARTS**TEC100 INTRODUCTION TO ANIMATION AND VIDEO****Grades: 9-12**
Semester: 0.5 credit
Cross Credit: FA, OCourse Fee: \$20
Prerequisite: None

Description: Explores media arts with an overview of tools and techniques used to create animation and video. For animated works, students create stop motion, 2D, and 3D animation. For audio and video works, students create audio and video programs that tell a story or inform the viewer. Students record, edit, and output audio and video work. Students end the semester with a DVD that highlights the media projects they have made. **Leadership through TSA.**


TEC110 ANIMATION I**Grades: 9-12**
Semester: 0.5 credit
Cross Credit: OCourse Fee: \$20
Prerequisite: Successful completion of Introduction to Animation and Video

Description: Students develop the technical skills needed to create 2D, 3D, and/or stop motion animation. Emphasis is placed on understanding and applying the 12 principles of animation to their work. Students create short animations that may be shown in video, Web sites, interactive games, or multimedia DVD. **Leadership through TSA.**

TEC111 ANIMATION II**Grades: 9-12**
Semester: 0.5 credit
Cross Credit: OCourse Fee: \$20
Prerequisite: Successful completion of 2D or 3D Animation OR Animation I

Description: Students in Animation II continue to develop the skills needed to craft 2D, 3D, and/or stop motion animation intended to entertain, educate, inform, simulate, or sell. Special attention is given to character creation, setting the scene, interactivity, and storytelling development. Students work individually and in small groups to create short animations or game prototypes. **Leadership through TSA.**

FREE College Credit!

TEC112	ANIMATION III	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: 0</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Successful completion of 2D/3D Animation I OR Animation II	
<i>Description:</i>	Students in Animation III continue their study of 2D, 3D, and/or stop motion animation while taking on a leadership role in the production of larger games/animated works. Greater emphasis is placed on scripting writing, character interaction, scene staging, complex interactivity, and special effects. Students also focus on preparing a portfolio of their production planning and completed work. Leadership through TSA.	
TEC113	ANIMATION IV	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: 0</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Successful completion of Animation III	
<i>Description:</i>	Students in Animation IV act as producers leading a team effort to produce 2D, 3D, and/or stop motion animated shorts for video, Web sites, interactive games, or multimedia DVD. Individually, students draw upon prior experiences to craft an animated short or game prototype to culminate their professional portfolio. Leadership through TSA. Repeatable for credit.	
TEC120	VIDEO CINEMA I	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: 0</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Successful completion of Introduction to Animation and Video	
<i>Description:</i>	Students develop skills in producing video for information or entertainment. Topics include video technology, basic equipment operation, visual composition, lighting, audio capture, sound mixing, video switching, production planning, scripting, and post-production editing. Students work individually and in small groups to create short video projects for DVD and online Webcast. Leadership through TSA.	
		
TEC121	VIDEO CINEMA II	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: 0</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Successful completion of Video Cinema I	
<i>Description:</i>	Students in Video Cinema II continue their study of video production technology and techniques with additional emphasis on live TV production, informational videos, and movie making. Students develop their storytelling and narrative skills as they work in small teams to produce short videos for viewing in theater, on a TV screen, or on the Web. Leadership through TSA.	
TEC122	VIDEO CINEMA III	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: 0</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Successful completion of Video Cinema II	
<i>Description:</i>	Students in Video Cinema III continue their study of the video production process while taking on a greater leadership role in live TV and movie making projects. Additional emphasis is placed on the importance of story development and script writing. Students also focus on building their portfolio as they craft their own individual dramatic or documentary movie. Leadership through TSA.	
TEC123	VIDEO CINEMA IV	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: 0</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Successful completion of Video Cinema III	
<i>Description:</i>	Students act as producers and directors leading teams creating video content for viewing in theater, on a TV screen, or on the Web. Students are in charge of a team effort to create a dramatic or documentary movie with accompanying behind the scenes special feature. Students complete their portfolio with the successful premiere of their movie and release of their feature DVD. Leadership through TSA. Repeatable for credit.	

TEC101	INTRODUCTION TO PHOTOGRAPHY AND IMAGING	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: FA, O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	None	
<i>Description:</i>	Students capture and manipulate images using traditional and digital skills called upon by photography, desktop publishing, Web, video, and animation. Students learn digital still camera exposure and handling. Students are introduced to software used for digital layout and design. Students develop their eye for composition. Students create unique and original images that communicate a message to the consumer. Leadership through TSA.	
TEC130	PHOTOGRAPHY I	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Successful completion of Introduction to Photography and Imaging	
<i>Description:</i>	Students work with traditional and digital photographic still cameras to capture a variety of image types. Students learn exposure techniques, zone system placement and lighting approaches. Special emphasis is given to portraiture, product shots, and photojournalism. Students work in the darkroom and with the computer to prepare images for display and publication. Leadership through TSA.	
TEC131	PHOTOGRAPHY II	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Successful completion of Photography I	
<i>Description:</i>	Students continue their semi-independent study of traditional and digital photographic techniques. Special emphasis is given to commercial photographic approaches. Students work in the darkroom and with the computer to prepare images for display and publication. Students in Photography 2 spend the entire semester creating a substantive personal portfolio or work for clients. Leadership through TSA.	
TEC132	PHOTOGRAPHY III	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Successful completion of Photography II	
<i>Description:</i>	Students take on a leadership role in covering school and community events while continuing their study of traditional and digital photographic techniques. Special emphasis is given to event photography, creative methods, complex lighting, and advanced workflow techniques. Students work to prepare images for display and publication. Students also focus on preparing a portfolio of their completed work. Leadership through TSA.	
TEC133	PHOTOGRAPHY IV	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: O</i>
<i>Course Fee:</i>	\$20	
<i>Prerequisite:</i>	Successful completion of Photography III	
<i>Description:</i>	Students in Photography IV lead photographic teams covering school and community events while continuing their study of traditional and digital photographic techniques. Special emphasis is given to work on commercial photographic practices and a photographic thesis to culminate their professional portfolio. Leadership through TSA. Repeatable for credit.	

TEC140 DIGITAL IMAGING I**Grades: 9-12**
Semester: 0.5 credit
Cross Credit: 0Course Fee: \$20
Prerequisite: Successful completion of Introduction to Photography and Imaging

Description: Students use vector and raster software to design and prepare original graphic content for print, Web, or multimedia. Students create original logos, retouch photographic images, and make photo-illustrations. Students also study desktop publishing as part of an overall digital design workflow. Develop a portfolio that showcases your digital imaging work. **Leadership through TSA.**

TEC141 DIGITAL IMAGING II**Grades: 9-12**
Semester: 0.5 credit
Cross Credit: 0Course Fee: \$20
Prerequisite: Successful completion of Digital Imaging I

Description: Students continue their semi-independent study of digital imaging with focus on design and creation of graphic content for print, Web, or multimedia. Students use vector, raster and desktop publishing tools as they make complex photo-illustrations and designs. Students in Digital Imaging 2 spend the semester creating a personal portfolio or working for clients. **Leadership through TSA.**

FREE College Credit!**TEC142 DIGITAL IMAGING III****Grades: 9-12**
Semester: 0.5 credit
Cross Credit: 0Course Fee: \$20
Prerequisite: Successful completion of Digital Imaging II

Description: Students in Digital Imaging III continue their study of raster, vector, and layout tools while taking on a leadership role in the creation of print, Web, or multimedia content for school and community clients. Students create vector art, raster photo-composite illustrations, and larger design layouts. Students also focus on preparing a portfolio of their completed work. **Leadership through TSA.**

TEC143 DIGITAL IMAGING IV**Grades: 9-12**
Semester: 0.5 credit
Cross Credit: 0Course Fee: \$20
Prerequisite: Successful completion of Digital Imaging III

Description: Students lead graphic design teams preparing print, Web, or multimedia content for school and community clients. Students create advanced vector art, raster photo-composite illustrations, and plan a graphic design campaign. Special emphasis is given to work on commercial design projects and a visual design thesis to culminate their professional portfolio. **Leadership through TSA. Repeatable for credit.**

MUSIC**MUS120 WOMEN'S CHOIR****Grades: 9-12**
Year: 1.0 credit
Cross Credit: FACourse Fee: \$25
Prerequisite: Non-audition

Description: Beginning and intermediate female vocalists will perform in a variety of styles in this year-long course. Students will perform at extra-curricular concerts, assemblies, and community events. Members are eligible for regional, state, northwest festivals/competitions. There is a choir fee for a casual uniform and bus fee. **Concert attendance is required.** Students are eligible to earn the Music Department Varsity letter.

MUS121	MEN'S CHOIR	Grades: 9-12 2nd Semester ONLY: 0.5 credit <i>Cross Credit: FA</i>
<i>Course Fee:</i>	\$25	
<i>Prerequisite:</i>	Non-audition	
<i>Description:</i>	Beginning and intermediate male vocalists will perform in a variety of styles in this semester course. Students will perform at extra-curricular concerts, assemblies, and community events. Members are eligible for regional, state, northwest festivals/competitions. There is a choir fee for a casual uniform and bus fee. Concert attendance is required. Students are eligible to earn the Music Department Varsity letter.	
MUS155	CHAMBER CHOIR	Grades: 9-12 Year: 1.0 credit <i>Cross Credit: FA</i>
<i>Course Fee:</i>	\$25	
<i>Prerequisite:</i>	Audition	
<i>Description:</i>	This course is designed for the advanced vocalists who have sight reading skills, mature vocal tone, and theory knowledge. Students perform in a variety of styles in this year-long course. Students perform at evening concerts, school assemblies, and community events and are eligible for regional, state, northwest festivals/competitions. Attendance at performances is required. Students are eligible to earn the Music Department Varsity letter.	
MUS413	WIND ENSEMBLE	Grades: 9-12 Year: 1.0 credit <i>Cross Credit: FA</i>
<i>Course Fee:</i>	\$35	
<i>Prerequisite:</i>	Audition	
<i>Description:</i>	Advanced instrumentalists perform in a variety of styles (marching/pep/concert) at evening concerts, assemblies, athletic and community events. Advanced instrumentalists will audition for regional, state, and northwest festivals and competitions. Attendance at performances is required for a passing grade. Students are eligible to earn the Music Department Varsity letter.	
MUS150	GUITAR	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: FA</i>
<i>Course Fee:</i>	\$19 and provide own acoustic, six-string guitar	
<i>Prerequisite:</i>	None	
<i>Description:</i>	Class Guitar teaches the fundamentals of guitar playing and encourages development of current skills. Beginning and intermediate theory lessons will include notation, rhythm, chords, and melodies to approach and develop musicianship. Intermediate and advanced players are encouraged to register for second term. Daily participation, performing, a course notebook, and writing assignments are major grading objectives.	
MUS412	JAZZ BAND	Grades: 9-12 Semester: 0.25 credit <i>Cross Credit: FA</i>
<i>Course Fee:</i>	\$25	
<i>Prerequisite:</i>	Spring/fall audition AND director's permission	
<i>Description:</i>	Advanced instrumentalists (trumpet/trombone/saxophone/piano/bass/ drums) rehearse daily (6:00 AM) and learn standard Jazz concepts (emphasis on improvisation). Performances are predominantly on weekends and evenings. Members are eligible for regional, state, northwest festivals and competitions. Attendance at all performances is required for a passing grade. Students are eligible to earn the Music Department Varsity letter.	

MUS149 JAZZ CHOIR**Grades: 9-12**
Semester: 0.25 credit
*Cross Credit: FA**Course Fee:* \$25
Prerequisite: *Spring/fall audition AND director's permission**Description:* Advanced vocal and instrumental musicians (piano/bass/drums) rehearse daily (6:00-7:10AM) and learn standard Jazz concepts (emphasis on improvisation). Performances are predominantly on weekends and evenings. Members are eligible for regional, state, northwest festivals and competitions. Attendance at all performances is required for a passing grade. Students are eligible to earn the Music Department Varsity letter.**MUS152 HISTORY OF JAZZ****Grades: 9-12**
Semester: 0.5 credit
*Cross Credit: FA**Course Fee:* None
Prerequisite: None*Description:* This course offers diverse perspectives of popular music ranging from the 1920's to the present. Music theory will be incorporated throughout the course. Students will complete projects on assigned and chosen artists. Attendance at a minimum of two school-related concerts is required. Grading will be based on participation, in-class behavior, objective testing of lectures, projects, concert reviews, and listening journal.**DRAMA****ART120 BEGINNING DRAMA****Grades: 9-12**
Semester: 0.5 credit
*Cross Credit: FA**Course Fee:* None
Prerequisite: None*Description:* Coursework centers on helping students develop acting skills by participating in theatre games, improvisations, monologues, play preparation and performance. Students will build believable characters, apply basic technical theatre skills, and work effectively in an ensemble. Through class activities students will develop self-confidence, trust, and teamwork. **Participation in an out-of-class performance is required for a passing grade.****ART121 ADVANCED DRAMA****Grades: 9-12**
Semester: 0.5 credit
*Cross Credit: FA**Course Fee:* None
Prerequisite: *Successful completion of Beginning Drama with B+ or better AND teacher's permission**Description:* This is an advanced course for students who have proven basic skills in acting. Emphasis is placed on student leadership in planning and production of plays. Students will develop directing skills and work effectively in an ensemble. This class aims to provide understanding of professionalism and teamwork. **Participation in an out-of-class performance is required for a passing grade.**

FOREIGN LANGUAGE

It is recommended that students begin their foreign language instruction as soon as possible. Foreign language courses require students to master the basic structures and vocabulary of the language and to practice their oral and written use on a consistent, day-to-day basis. For some students, success may require tedious memorization. For students to begin a foreign language, they must earn a “B” or better in their previous semester of English, be of junior standing, or have teacher approval. To continue with the language sequence, students must earn a “C” or better in the previous semester or have the teacher’s permission.

JPN101 JAPANESE I **Grades: 9-12**
Year: 1.0 credit
Cross Credit: EL
Course Fee: \$35
Prerequisite: B or better in previous semester English course OR teacher’s permission

Description: In this course, Japanese language and culture will be introduced through lecture, discussion, game, video, song, hands-on activities, etc.

JPN201 JAPANESE II **Grades: 10-12**
Year: 1.0 credit
Cross Credit: EL
Course Fee: None
Prerequisite: C or better in Japanese I OR teacher’s permission

Description: This course continues to develop students’ Japanese language skills, introducing new vocabulary and grammar points, as well as increasing students’ knowledge of the culture.

JPN301 JAPANESE III **Grades: 11-12**
Year: 1.0 credit
Cross Credit: EL
Course Fee: None
Prerequisite: C or better in Japanese II OR teacher’s permission

Description: This course allows students to demonstrate and reinforce their Japanese I and II skills. Students will continue to expand their Japanese vocabulary and grammar. Kanji and more complex phrases will be introduced. Students will enhance their understanding of Japanese culture through videos, songs, discussions, research projects and other activities.

JPN401 JAPANESE IV **Grades: 12**
Year: 1.0 credit
Cross Credit: EL
Course Fee: None
Prerequisite: C or better in Japanese III OR teacher’s permission

Description: This course allows students to demonstrate and reinforce their Japanese I, II and III skills. Students will improve their language skills and gain a deeper understanding of culture through reading, writing composition, presenting speeches/skits/dialogues, watching videos, discussions and other activities.

SPA101 SPANISH I **Grades: 9-12**
Year: 1.0 credit
Cross Credit: EL
Course Fee: \$28
Prerequisite: B or better from previous semester in English OR teacher’s permission

Description: Spanish I students learn Spanish through listening, speaking, and writing with use of a textbook, workbooks, CD’s, DVD’s, PowerPoint presentations, partner-based interactive activities, and individual presentations aimed at teaching basic vocabulary and grammar. Spanish culture is also studied.

SPA201 SPANISH II **Grades: 10-12**
Year: 1.0 credit
Cross Credit: EL

Course Fee: \$28
Prerequisite: C or better in Spanish I OR teacher's permission

Description: Spanish II students continue to learn Spanish through listening, speaking, and writing with the use of a textbook, workbooks, CD's, DVD's, PowerPoint presentations, partner-based interactive activities, and individual presentations aimed at teaching basic vocabulary and grammar. Spanish culture continues to be studied.

SPA301 SPANISH III **Grades: 11-12**
Year: 1.0 credit
Cross Credit: EL

Course Fee: \$28
Prerequisite: C or better in Spanish II OR teacher's permission

Description: Spanish III students continue to learn Spanish through listening, speaking, and writing with the use of a textbook, workbooks, CD's, DVD's, PowerPoint presentations, partner-based interactive activities, and individual presentations aimed at teaching basic vocabulary and grammar. Spanish culture continues to be studied.

LANGUAGE ARTS

Cedarcrest High School requires that all students take 7 semesters (3.5 credits) of Language Arts. Students planning to attend four-year colleges are required to take 8 semesters (4.0 credits) of Language Arts.

LANGUAGE ARTS PROGRAM OUTLINE

All students are required to enroll in year-long Language Arts courses their freshman, sophomore, and junior year. Seniors may select one elective Language Arts course; however, college-bound students are encouraged to take College Writing and a literature course. The normal sequence in which these courses are taken is listed below. Possible variations from the normal sequence are also described. Except when otherwise indicated, all courses are two semesters and earn 0.5 credit per semester. Some courses require permission (see course descriptions).

- Grade 9: English 9 or Honors English 9
- Grade 10: English 10 or Honors English 10
- Grade 11: English 11 or Pre-AP English 11
- Grade 12: **Non-College Bound:** One Language Arts elective course
- Grade 12: **College Bound:** College Writing and one literature course
- Grade 12: **Honors:** AP English 12

9th GRADE LANGUAGE ARTS COURSES (ONE YEAR IS REQUIRED)

ENG103 ENGLISH 9 **Grades: 9**
Year: 1.0 credit
Cross Credit: E

Course Fee: None
Prerequisite: None

Description: Analysis of short stories, poetry, drama, and the novel is taught; grammar and punctuation are reviewed. Both analytical writing and personal response are taught and practiced following the Six Traits writing model, and this writing is evaluated based on the state's three assessment areas for writing: ideas, style, and conventions. Students develop and practice communication skills such as listening and working in a group. Outside reading is required.

ENG121 HONORS ENGLISH 9 **Grades: 9**
Year: 1.0 credit
Cross Credit: E

Course Fee: None
Prerequisite: Selection is based on previous grade in English, teacher recommendation, and essay application

Description: Honors English 9 focuses on reading literature from various genres and studying the characteristics of those genres, writing literary analyses, and studying vocabulary, grammar, and usage. Honors 9 provides the foundation of skills necessary for continued success in the honors program at CHS. Course demands are rigorous. Outside reading is required.

**10th GRADE LANGUAGE ARTS COURSES
(ONE YEAR IS REQUIRED)**

ENG205 ENGLISH 10

Grades: 10
Year: 1.0 credit
Cross Credit: E

Course Fee: None
Prerequisite: None

Description: Analysis of short stories, poetry, drama, and the novel will be reinforced. Analytical and personal response writing are taught and practiced following the Six Traits writing model. This writing is based on the state's three assessment areas for writing: ideas, style, and conventions. Students are also prepared for the WASL. Outside reading is required.

ENG221 HONORS ENGLISH 10

Grades: 10
Year: 1.0 credit
Cross Credit: E

Course Fee: None
Prerequisite: Completion of Honors English 9 with a "B" or better or instructor's signature

Description: Students will use classic literature to read, write, and think competently and originally about the moral, philosophical, and emotional issues encountered in life. Course expectations are stringent and demanding, and students will be expected to fulfill these expectations creatively, independently, and responsibly. Outside reading is required.

**11th GRADE LANGUAGE ARTS COURSES
(ONE YEAR IS REQUIRED)**

ENG306 ENGLISH 11

Grades: 11
Year: 1.0 credit
Cross Credit: E

Course Fee: None
Prerequisite: None

Description: English 11 is a survey of major American writers throughout U.S. History. Reading is fast-paced, and students will have daily reading assignments. Students will gain practice in analytical and argumentative writing while developing their knowledge of writing conventions: structure, style, and the citation of source material (MLA guidelines). Outside reading is required for practice in comprehension.

ENG359 PRE-AP ENGLISH 11

Grades: 11
Year: 1.0 credit
Cross Credit: E

Course Fee: None
Prerequisite: Completion of Honors English 10 with a "B" grade or better or instructor's signature

Description: Pre-AP English 11 is a year long course that explores the work of American authors from the Puritans to the present. The course is designed to begin preparing students for the AP exam in their senior year. Students will engage in literary and style analyses. They will also complete essays and research papers. Student writing will be assessed both quantitatively and qualitatively.

SENIOR LANGUAGE ARTS ELECTIVE COURSES

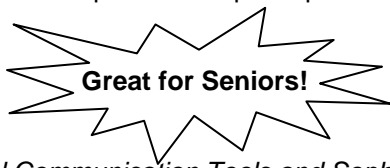
ENG453 COLLEGE WRITING

Grades: 12
Semester: 0.5 credit
Cross Credit: E

Course Fee: None
Prerequisite: Senior standing and completion of English 9 or English 10

(Description): Students will use reading and writing for inquiry, learning, thinking, and communicating. Students will develop strategies for generating ideas, revising, and editing their writing through successive drafts. Students will gain practice in analytical and argumentative writing while developing their knowledge of writing conventions: structure, style, and the citation of source material (MLA guidelines).

ENG241	CREATIVE WRITING	Grades: 12 Semester: 0.5 credit <i>Cross Credit: E</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>Senior standing and completion of English 9 or English 10</i>	
<i>Description:</i>	This is a writing intensive course. Students write short stories, personal essays, and poetry with emphasis given to story development and voice. Students will present as well as write their own work and participate in class discussion and peer-editing activities. There will also be daily journal writing, weekly vocabulary, and grammar lessons. Outside reading is required.	
ENG314	SHORT STORIES	Grades: 12 Semester: 0.5 credit <i>Cross Credit: E</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>Senior standing and completion of English 9 or English 10</i>	
<i>Description:</i>	This class will explore the short story tradition throughout American, British, and world literature. Reading is fast-paced, and students should plan on daily reading assignments. Course work will include quizzes, essays, projects, presentations, and active participation in daily discussions. The course also addresses various forms of writing: analytical writing, descriptive writing, and imaginative prose.	
ENG407	BRITISH & WORLD LITERATURE	Grades: 12 Semester: 0.5 credit <i>Cross Credit: E</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>Senior standing and completion of English 9 or English 10</i>	
<i>Description:</i>	This class will introduce major works from all genres and time periods of British and world literature. Reading is fast-paced, so students should plan to read nightly. Course work will include quizzes, essays, projects, and presentations and will require active participation in daily discussions. Outside reading is required.	
BUS248	BUSINESS ENGLISH	Grades: 12 Semester: 0.5 credit <i>Cross Credit: E, O</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>Successful Completion of Digital Communication Tools and Sophomore English</i>	
<i>Description:</i>	This course emphasizes applied business skills through professional communication (writing, listening, reading and speaking.) problem solving, goal setting, conflict resolution and team building, interviewing, and oral presentation. The goal of this class is to prepare students for the business world they enter after high school. FBLA and/or DECA leadership component.	
ENG410	AP ENGLISH 12	Grades: 12 Year: 1.0 credit <i>Cross Credit: E</i>
<i>Course Fee:</i>	<i>AP exam fee of \$85</i>	
<i>Prerequisite:</i>	<i>Completion of Pre-AP with a grade of "B" or better or instructor's signature</i>	
<i>Description:</i>	Because the course is conducted like a seminar, each student is expected to contribute consistently to the discussions. Nightly readings, essays and in-class timed writes are to be expected. Course credit is dependent upon completion of the AP Exam administered in the spring. Credit with grade will be awarded in June after completion of the class.	
ENG400	PUBLIC SPEAKING	Grades: 11-12 Semester: 0.5 credit <i>Cross Credit: E</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>None</i>	
<i>Description:</i>	Public speaking provides students the opportunity to deliver well organized and planned oral work in front of groups in a variety of situations. Students will improve their speaking skills through visual aid speeches, discussion, and informative, persuasive, and debate presentations. They will improve organizational and critical thinking skills, develop poise and confidence and become positive audience members.	



MATHEMATICS

Beginning in the 2010-2011 school year, the math department will begin a new math sequence. The new math sequence is:

Foundations → Pre-Algebra → Algebra 1 → Geometry → Algebra 2 → Pre-Calculus → AP Calculus

Which math class should I sign up for?

When the new sequence starts, it is important to register for the appropriate class in the new sequence. Use the charts below to help you choose the appropriate level class.

If the last math class you passed (grade of D or better) was...

The next math class you should take is...

Foundations		Pre-Algebra
Pre-Integrated		Algebra 1
Integrated 1		Geometry
Integrated 2		Algebra 2
Integrated 3		Pre-Calculus
Honors Integrated 3		Honors Pre-Calculus
Honors Pre-Calculus		AP Calculus

If you didn't pass your last math class which was...

The next math class you should take is...

Pre-Integrated		Pre-Algebra
Integrated 1		Algebra 1
Integrated 2		Geometry
Integrated 3		Algebra 2

MTH134 FOUNDATIONS OF MATHEMATICS

Grades: 9
Year: 1.0 credit
Cross Credit: M

Course Fee: None
Prerequisite: None

Description: This course is intended for 9th grade students who need review in basic math skills before enrolling in Pre-Algebra. This course will cover problem solving techniques, number relationships, and operations with fractions and integers. Other topics covered: probability and statistics, ratios, rates, percentages, decimals, interpreting data, and basic plane geometry. Consumer and life skills math concepts will also be included.



MTH111 PRE-ALGEBRA

Grades: 9
Year: 1.0 credit
Cross Credit: M

Course Fee: None
Prerequisite: Successful completion of Foundations of Mathematics or teacher recommendation

Description: This course is intended for students at the 9th grade level who need very little remediation in order to be successful in Algebra 1. Topics covered include solving equations and inequalities, graphing linear equations, exploring patterns, rational number operations, basic geometry, ratio and proportion, and statistical graphs and applications.

MTH152	ALGEBRA 1	Grades: 9-12 Year: 1.0 credit <i>Cross Credit: M</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>Successful completion of Pre-Integrated (recommended grade of C- or better) or teacher recommendation</i>	
<i>Description:</i>	This course includes the study of rational and real number operations, solving equations and inequalities, evaluating expressions, polynomial operations, factoring polynomials, solving quadratic equations, linear graphing, proportions, operations with radicals and some advanced algebra topics.	
MTH250	GEOMETRY	Grades: 9-12 Year: 1.0 credit <i>Cross Credit: M</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>Successful completion of Integrated I (recommended grade of C- or better)</i>	
<i>Description:</i>	This course includes the study of the fundamental units of plane geometry (points, lines, planes, and angles), congruency, similarity, two and three dimensional objects and basic trigonometric functions. Deductive methods of reasoning and logic, geometry axioms, and algebraic concepts will be applied to and with geometric properties	
MTH252	ALGEBRA 2	Grades: 9-12 Year: 1.0 credit <i>Cross Credit: M</i>
<i>Course Fee:</i>	<i>Scientific Calculator Required</i>	
<i>Prerequisite:</i>	<i>Successful completion of Integrated II (recommended grade of C- or better.)</i>	
<i>Description:</i>	This course includes solving linear and quadratic equations, solving systems of linear equations and inequalities, graphing functions, linear programming, operations with rational expressions and exponents, trigonometry properties and laws, with some study of probability and statistics	
MTH255	HONORS ALGEBRA 2	Grades: 9-12 Year: 1.0 credit <i>Cross Credit: M</i>
<i>Course Fee:</i>	<i>Scientific Calculator Required</i>	
<i>Prerequisite:</i>	<i>B- or better in Integrated II or teacher recommendation</i>	
<i>Description:</i>	This course includes the same topics as Algebra 2, but it will move at a quicker pace, include more independent work and projects, and offer the study of more advanced problems. This course is recommended for students who are interested in continuing into Honors Pre-Calculus and AP Calculus.	
MTH462	PRE-CALCULUS	Grades: 9-12 Year: 1.0 credit <i>Cross Credit: M</i>
<i>Course Fee:</i>	<i>Graphing Calculator Required</i>	
<i>Prerequisite:</i>	<i>Successful completion of Integrated III</i>	
<i>Description:</i>	This course will focus on graphical representation of advanced algebraic relations and trigonometric functions. The topics include polynomial, rational, exponential and logarithmic functions. Trig topics such as functions and applications of trig will be covered. Additional topics include sequences, series, probability, and analytic geometry.	
MTH460	HONORS PRE-CALCULUS	Grades: 9-12 Year: 1.0 credit <i>Cross Credit: M</i>
<i>Course Fee:</i>	<i>Graphing Calculator Required</i>	
<i>Prerequisite:</i>	<i>Grade of B- or better in Honors Integrated III or teacher permission</i>	
<i>Description:</i>	This course is intended for students who are interested in AP Calculus. This course will focus on graphical representation of advanced algebraic relations and trigonometric functions. Topics include polynomial, rational, exponential, logarithmic and trig functions with applications. Additional topics include sequences, series, probability, conics, limits, and derivatives.	

MTH466	AP CALCULUS		Grades: 9-12 Year: 1.0 credit <i>Cross Credit: M</i>
<i>Course Fee:</i>	<i>AP Exam Fee of \$86</i>		
<i>Prerequisite:</i>	<i>Completion of Honors Pre-Calculus or teacher permission</i>		
<i>Description:</i>	This course parallels first year calculus at the college level. Topics covered in the curriculum include limits, derivatives and applications of the derivative, and integration and applications of the integration. Functions studied include linear, polynomial, logarithmic, trigonometric and exponential. Students are required to take the AP Calculus AB Exam.		
MTH450	AP STATISTICS		Grades: 9-12 Year: 1.0 credit <i>Cross Credit: M</i>
<i>Course Fee:</i>	<i>AP Exam Fee of \$86</i>		
<i>Prerequisite:</i>	<i>Grade of B- or better in Pre-Calculus or teacher recommendation</i>		
<i>Description:</i>	This course parallels an introductory statistics course at the college level. This course introduces the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The four main themes of the course are exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students are required to take the AP Statistics Exam.		
MTH112	APPLIED MATHEMATICS I		Grades: 9-12 Year: 1.0 credit <i>Cross Credit: M, O</i>
<i>Course Fee:</i>	<i>None</i>		
<i>Prerequisite:</i>	<i>Pre-Integrated Math (B or better) OR Integrated I (C or better)</i>		
<i>Description:</i>	This course offers the opportunity to apply algebra/geometry concepts to problem-solving, decision-making and hands-on laboratory assignments that reflect activities in the workplace. Areas of study are fractions, graphs, measuring, estimates, shapes, ratios, vectors, scientific notation, lines and angles. <i>Course may only be cross-credited for 3rd-year math. FFA, FBLA, or TSA leadership component.</i>		
MTH113	APPLIED MATHEMATICS II		Grades: 10-12 Year: 1.0 credit <i>Cross Credit: M, O</i>
<i>Course Fee:</i>	<i>None</i>		
<i>Prerequisite:</i>	<i>Successful Completion of Applied Math I or Integrated I</i>		
<i>Description:</i>	This course offers the opportunity to apply advanced algebra, geometry, trigonometry, probability, and statistics concepts to problem-solving, decision-making and hands-on laboratory assignments that reflect activities in the workplace. <i>Course may only be cross-credited for 3rd-year math. FFA, FBLA, or TSA leadership component.</i>		
MTH401	BUSINESS MATH		Grades: 10-12 Year: 1.0 credit <i>Cross Credit: M, O</i>
<i>Course Fee:</i>	<i>None</i>		
<i>Prerequisite:</i>	<i>Integrated I</i>		
<i>Description:</i>	Math content for this course includes calculating discounts, interest rates, percentages, and payroll problems. Emphasis will be placed on federal income tax, financial services and consumer spending/lending problems. Course may only be cross-credited for 3rd-year math requirement. FBLA and/or DECA leadership component.		
MTH130	FINANCIAL PLANNING		Grades: 11-12 Year: 1.0 credit <i>Cross Credit: M, O</i>
<i>Course Fee:</i>	<i>None</i>		
<i>Prerequisite:</i>	<i>Integrated I</i>		
<i>Description:</i>	This course will teach students to develop financial literacy through real-world examples. Students will learn how to make informed decisions related to spending, saving, credit, investing, identity theft, maintaining a checking account, purchasing a home and insurance, applying for college grants and scholarships, retirement and estate planning. Course may only be cross-credited for 3rd-year math requirement. FBLA and/or DECA leadership component.		

FREE College Credit!

PHYSICAL EDUCATION/HEALTH

Courses give students an introduction to specific skills and basic understanding of physical conditioning. **Students must suit up for participation.** Two credits of high school PE are required to graduate. **Students will only be allowed one PE class per semester.** Exceptions must have prior department approval. PE credit is **not** awarded for participation in athletics and activities.

PED104 HEALTH & FITNESS

Grades: 9-12
Semester: 0.5 credit
Cross Credit: PE

Course Fee: None
Prerequisite: None

Description: Areas of study will include CPR, physical fitness, cooperation, nutrition, self-esteem, stress management, communication, risk factors for disease and prevention, drug effects and consequence of use/abuse, FLASH (Family Life and Sexual Health) and KNOW (HIV/AIDS) curriculum. Students will be graded on participation and effort, projects, and examinations. 9th grade requirement. **This course counts toward the 2 credit Health/PE requirement for graduation.**

PED105 ADVANCED HEALTH

Grades: 11-12
Semester: 0.5 credit
Cross Credit: PE

Course Fee: None
Prerequisite: Successful completion of Health & Fitness

Description: This course is open to juniors and seniors who would like to pursue a deeper knowledge of health. Areas of study will include exploration of health-related careers, current health issues, behavior change for healthier living, disease prevention and wellness. Students will be graded on projects, assignments, examinations, and documented out-of-school exercise.

PED358 TEAM SPORTS

Grades: 9-12
Semester: 0.5 credit
Cross Credit: PE

Course Fee: None
Prerequisite: None

Description: This course is designed to teach fundamental techniques, rules and strategies of team sports. Students will participate in daily cardiovascular exercises and one of the following activities may be included: flag football, soccer, softball, Ultimate Frisbee, badminton, pickleball, volleyball, basketball, kickball, speedball and lacrosse.

PED257 AEROBIC FITNESS

Grades: 9-12
Semester: 0.5 credit
Cross Credit: PE

Course Fee: None
Prerequisite: None

Description: A variety of activities including step and floor aerobics, strength training, speed walking/jogging, and fitness stations are incorporated to increase the student's physical fitness and aerobic capacity to promote life-long wellness. The students will also learn how to create and perform their own aerobic routines, self-assess and set fitness goals. The students will be graded on participation and effort, assignments and group projects.

PED356 STRENGTH AND CONDITIONING

Grades: 9-12
Semester: 0.5 credit
Cross Credit: PE

Course Fee: None
Prerequisite: None

Description: This course is designed for beginning and advanced strength training. The course focuses on developing the understanding, technique, physical conditioning, safety and experience necessary to engage in a regular strength and conditioning program. Strength training, general physical training, exercise concepts testing, evaluation and program design are integrated throughout all units. Pre/post fitness/strength testing is a course requirement.

SMD100 SPORTS MEDICINE I**Grades: 9-12****Year: 1.0 credit***Cross Credit: PE, O**Course Fee: \$25**Prerequisite: Health OR Anatomy/Physiology (recommended); either can be taken concurrently**Description:***FREE College Credit!**

This course is designed as an intro to basic Sports Medicine concepts and designed for students interested in medical/science careers. Become certified in first aid/CPR/AED and learn ways to prevent, recognize, evaluate, rehabilitate and recondition an athletic injury. Anatomy/physiology, nutrition, and training/physical testing techniques are also covered. **WVSMA leadership component.**

SMD101 SPORTS MEDICINE LAB**Grades: 9-12****Semester: 0.5 credit***Cross Credit: PE, O**Course Fee: None**Prerequisite: Sports Medicine I, II, or III concurrently**Description:*

Students may enroll in Sports Medicine Lab **after school**, to put their skills to use in an actual work environment. Successful completion of 90 hours of laboratory experience will result in an additional 0.5 credits earned in Sports Medicine. Students in Sports Medicine I, II, or III are welcome! **Repeatable for credit. Must be enrolled in Sports Medicine I, II, or III concurrently.** WVSMA leadership component.

SMD200 SPORTS MEDICINE II**Grades: 10-12****Year: 1.0 credit***Cross Credit: PE, O**Course Fee: \$25**Prerequisite: Sports Medicine I**Description:***FREE College Credit!**

Take a more in-depth look into the vast dynamics of Sports Medicine. Enhance your leadership skills and improve your injury evaluation skills. Nutrition and rehabilitation/conditioning concepts will be covered in greater detail, and you will design programs for various athletes/situations. You are required to job shadow a medical professional and enroll in Sports Medicine Lab. **WVSMA leadership component.**

SMD300 SPORTS MEDICINE III**Grades: 11-12****Year: 1.0 credit***Cross Credit: PE, O**Course Fee: \$25**Prerequisite: Sports Medicine II**Description:*

This course will allow the advanced student to further develop their skills in Sports Medicine, career enhancement and leadership development through independent research, practice, and presentation opportunities. The course will consist of a combination of classroom instruction, seminars and community-based internship/experiences. **WVSMA leadership component.**

SCIENCE

Science Sequence	Honors Science Sequence
Level I	Level I
Physical Science	Honors Physical Science
Level II	Level II
Biology	Honors Biology
Level III	Level III
Anatomy and Physiology	Honors Chemistry*
Chemistry	Honors Physics
Physics	Independent research is required in all honors courses

* Joint credit with Lake Washington Technical College

LEVEL I

SCI107 PHYSICAL SCIENCE

Grades: 9
Year: 1.0 credit
Cross Credit: S

Course Fee: \$5
Prerequisite: None

Description: This two-semester survey course provides an introduction to basic concepts in chemistry and physics. With laboratory work as a central feature, students will engage in active discussion and outside reading as they learn to think scientifically. The course provides essential HSPE content as well as preparation for later science courses.

SCI120 HONORS PHYSICAL SCIENCE

Grades: 9
Year: 1.0 credit
Cross Credit: S

Course Fee: \$5
Prerequisite: B or better in middle school science and Application required

Description: This course provides qualified and interested students with enrichment opportunities as they study concepts in chemistry and physics. As part of the science department's research strand, the course will also provide opportunities for students to conduct independent research in areas of interest. Concurrent enrollment in Integrated Mathematics II is recommended.

LEVEL II

SCI201 BIOLOGY

Grades: 10
Year: 1.0 credit
Cross Credit: S

Course Fee: \$5
Prerequisite: Successful completion of Physical Science

Description: Topics covered include the nature of living things, cells, ecology, genetics, and natural selection as it pertains to evolutionary theory, classification, microorganisms, plants, invertebrates, chordates and human biology.

SCI207 HONORS BIOLOGY

Grades: 10
Year: 1.0 credit
Cross Credit: S

Course Fee: \$5
Prerequisite: B or better in Physical Science and/or teacher permission

Description: This course will cover the same topics as SCI201 with supplemental readings and activities, as well as more in-depth laboratory experiences. As part of the CHS Science department's research strand, this course will provide opportunities for students to conduct independent research in areas of interest.

AGR241 HORTICULTURE I

Grades: 9-12
Semester: 0.5 credit
Cross Credit: PS, O

Course Fee: \$20
Prerequisite: None

Description: This introductory course includes plant taxonomy, plants and their function, the environment, chemicals and asexual propagation. Students will have use of the school greenhouse for lab projects. Plant identification is a key component of this class. Students will also do a floral design project. Sales and marketing of greenhouse projects is an activity of this class. **FFA leadership component.**

AGR242 HORTICULTURE II

Grades: 9-12
Semester: 0.5 credit
Cross Credit: PS, O

Course Fee: \$20
Prerequisite: Horticulture I or teacher's permission

Description: The second semester of this introductory course includes growing plants from seed, insect control, using plants in the landscape and pruning. Students will grow plants in the school greenhouse and do a sales and marketing project with the spring plant sale. **FFA leadership component.**

FREE College Credit!

LEVEL III

SCI208	AP BIOLOGY	Grades: 11-12 Year: 1.0 credit <i>Cross Credit: S</i>
<i>Course Fee:</i>	\$5 + AP Exam Fee	
<i>Prerequisite:</i>	B or better in Biology and C or better in Chemistry	
<i>Description:</i>	AP Biology is the equivalent of a two-term introductory college level biology class. This course follows the College Board's AP Biology guidelines, which focus on three main areas: molecules and cells, genetics and evolution, and organisms within populations. Twelve laboratory exercises will support text readings and lectures. AP test is required.	
SCI212	ANATOMY AND PHYSIOLOGY	Grades: 11-12 Year: 1.0 credit <i>Cross Credit: S</i>
<i>Course Fee:</i>	\$25	
<i>Prerequisite:</i>	C or better in Biology	
<i>Description:</i>	This class provides a study of the structures and functions of mammalian systems. Class includes lecture, discussions, group and laboratory exercises to accompany concepts. Cat dissection is mandatory. Term I will include cell structure, tissues, skin, skeletal and muscular systems. Term II will include nervous system, respiratory, immune, digestive, circulatory, excretory and reproductive systems.	
SCI351	CHEMISTRY	Grades: 11-12 Year: 1.0 credit <i>Cross Credit: S</i>
<i>Course Fee:</i>	\$5	
<i>Prerequisite:</i>	C or better in Biology and concurrent enrollment in Integrated III or higher	
<i>Description:</i>	Students in this lab-based course will develop an awareness of the concepts of inorganic chemistry. Term I topics will include: atomic structure, chemical nomenclature, chemical periodicity, states and behavior of matter, chemical bonding and electron configurations. Term II topics will include stoichiometry, chemical periodicity, reaction rates, equilibrium, acids, bases and electrochemistry.	
SCI355	HONORS CHEMISTRY	Grades: 11-12 Year: 1.0 credit <i>Cross Credit: S</i>
<i>Course Fee:</i>	\$5	
<i>Prerequisite:</i>	Application required, B or better in Biology and B or better or concurrent enrollment in Integrated II	
<i>Description:</i>	This course provides an advanced study of chemical concepts taught in SCI351 and is recommended for students who are interested in pursuing a science-related field in college. Students will work in lecture, discussions, laboratory groups and individual project situations. Maintenance of a laboratory notebook is required, as well as a cumulative course project.	
SCI451	PHYSICS	Grades: 11-12 Year: 1.0 credit <i>Cross Credit: S</i>
<i>Course Fee:</i>	\$5	
<i>Prerequisite:</i>	Grade of C or better in Biology or Chemistry and Integrated III	
<i>Description:</i>	This survey course provides a conceptual overview of basic physics principles in which students will gain a deeper understanding of their connection to the earth and to the universe as a whole. Lecture and discussion will be supplemented with demonstrations, hands-on activities, and much more.	
SCI453	HONORS PHYSICS	Grades: 11-12 Year: 1.0 credit <i>Cross Credit: S</i>
<i>Course Fee:</i>	\$5	
<i>Prerequisite:</i>	Concurrent enrollment in Pre-Calculus or higher is recommended	
<i>Description:</i>	This course will explore the mathematical underpinnings of Physics principles. Students will collect data from numerous experiments, model it mathematically into expressions, and then use the resulting equations to solve problems. Also, as part of the science department's research strand, the course will provide opportunities for students to conduct independent research in areas of interest.	

SOCIAL STUDIES

Social Studies Sequence:

Students are required to take one Social Studies course per year as listed below. In addition, students must take one social studies elective (student's choice) in their junior or senior year. It is strongly encouraged to take the classes in the sequence listed, changes allowed only with the permission of the department head. Some courses require permission; see the course description.

Required Classes:	
Grade 9	Washington State History
Grade 10	Modern World History and Geography OR Honors Modern World History and Geography
Grade 11	U.S. History and Government OR Honors U.S. History and Government
Grade 12	Senior Seminar
Grade 11/12 Electives:	(one required, seniors have priority)
	Contemporary World Problems
	Economics
	Law & Business Ethics I
	Psychology

SST103 WASHINGTON STATE HISTORY AND GEOGRAPHY Grades: 9
Semester: 0.5 credit
Course Fee: None
Prerequisite: None
Cross Credit: SS

Description: This class will examine the history of Washington State. Units of study will include: geography, early Pacific Northwest history with a focus on the relationships between the Native Americans and pioneers and finally, twentieth century development to present day issues of the state. Evaluation is based on student participation, completion of assigned tasks, tests, projects and teacher observation.

SST218 MODERN WORLD HISTORY AND GEOGRAPHY Grades: 10
Year: 1.0 credit
Course Fee: None
Prerequisite: None
Cross Credit: SS

Description: The class covers events, movements, and people which impact Western Civilization from the 1500's through the present time. Evaluation is based on student participation, completion of assigned tasks, tests, short and long-term projects and teacher evaluation.

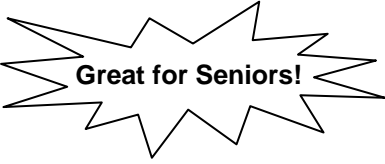
SST216 HONORS MODERN WORLD HISTORY AND GEOGRAPHY Grades: 10
Year: 1.0 credit
Course Fee: None
Prerequisite: B or better in Washington State History. Application and instructor permission required
Cross Credit: SS

Description: Course covers the events, movements, and people which impact Western Civilization from the 1500's through the present time. Evaluation is based on student participation, completion of assigned tasks, tests, short and long-term projects and teacher evaluation.

SST301 U.S. HISTORY AND AMERICAN GOVERNMENT Grades: 11
Year: 1.0 credit
Course Fee: None
Prerequisite: None
Cross Credit: SS

Description: Students will examine the major themes, eras, people, and events that shaped the United States as well as fundamentals of United States government. Course work will include quizzes, tests, and short and long-term projects.

SST314	HONORS U.S. HISTORY AND AMERICAN GOVERNMENT	Grades: 11 Year: 1.0 credit <i>Cross Credit: SS</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>B or better in Modern World History and Geography. Application and instructor permission required</i>	
<i>Description:</i>	Students will examine the major themes, eras, people, and events that shaped the United States as well as fundamentals of United States government. Course work will include quizzes, tests, outside reading, and short and long-term projects. In addition, active participation in classroom discussion is required.	
SST425	SENIOR SEMINAR	Grades: 12 Semester: 0.5 credit <i>Cross Credit: SS</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>None</i>	
<i>Description:</i>	This course fulfills several state graduation requirements including Culminating Project, CBA (Classroom Based Assessment), and High School Plus Plan. The course develops career/citizenship skills by participating in community service and examining components of Civics including the structure/operation of the government, citizenship, and the free enterprise system. Evaluation is based on participation, assignment completion, projects, exams, and teacher evaluation.	
SST403	PSYCHOLOGY	Grades: 11-12 Semester: 0.5 credit <i>Cross Credit: SS</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>Priority to seniors</i>	
<i>Description:</i>	Course covers the basics of psychology by analyzing human development throughout the lifecycle, including early childhood development and the numerous intellectual and behavioral changes that occur during adolescence and adulthood. Relevant topics such as stress, reactions to stress, group psychology, addiction, and abnormal behavior are also discussed utilizing the biological, psychoanalytic, and behavioral approaches to studying human behavior.	
SST401	CONTEMPORARY WORLD PROBLEMS	Grades: 11-12 Semester: 0.5 credit <i>Cross Credit: SS</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>Priority to seniors</i>	
<i>Description:</i>	Contemporary World Problems will focus on recent and ongoing issues of both a domestic and international nature. Students will examine issues from a cause and effect relationship and pay particular attention to how they affect the world's political and social structures. Evaluation will be based on participation, completion of assigned tasks, tests, projects and teacher evaluation.	
BUS301	LAW AND BUSINESS ETHICS I	Grades: 9-12 Semester: 0.5 credit <i>Cross Credit: SS (12th), O</i>
<i>Course Fee:</i>	<i>\$5</i>	
<i>Prerequisite:</i>	<i>None</i>	
<i>Description:</i>	This course is designed to teach basic understanding of the law as it applies to society in general, to the individual citizen, and to minors. This course will cover the legal aspect of many situations common to everyday society such as civil law, criminal law, and basic contract law and business ethics. There will be a field trip to a courthouse. FBLA and/or DECA leadership component.	
SST412	ECONOMICS	Grades: 11-12 Semester: 0.5 credit <i>Cross Credit: SS (12th), O</i>
<i>Course Fee:</i>	<i>None</i>	
<i>Prerequisite:</i>	<i>None</i>	
<i>Description:</i>	Learn how individuals/societies use scarce resources for the production of alternative goods and how they are distributed among society. Also emphasized are the economic principles upon which the free enterprise system is based. Students will study the role government plays in this system and compare the American economic system to other systems. Students will learn about consumer economics. FBLA and/or DECA leadership component.	



OTHER ELECTIVES

In order to promote an environment of educational excellence and encourage students to expand their knowledge, no student will be assigned to more than one student assistant position during the same semester.

Prerequisite: Student must be sophomore status or above and on track to graduate. Student should have good attendance, maturity and is required to complete a Teacher Assistant/Office Aide request form. These are pass/fail courses.

OFF341 MAIN OFFICE AIDE **Grades: 10-12**
Semester: 0.5 credit
Cross Credit: EL
Prerequisite: None

OFF342 CAREER CENTER AIDE **Grades: 10-12**
Semester: 0.5 credit
Cross Credit: EL
Prerequisite: None

OFF343 COUNSELING CENTER AIDE **Grades: 10-12**
Semester: 0.5 credit
Cross Credit: EL
Prerequisite: None

OFF346 ATTENDANCE OFFICE AIDE **Grades: 10-12**
Semester: 0.5 credit
Cross Credit: EL
Prerequisite: None

TAA100 TEACHER ASSISTANT **Grades: 10-12**
Semester: 0.25 credit
Cross Credit: EL
Prerequisite: None

BUS155 LRC WORK EXPERIENCE **Grades: 9-12**
Semester: 0.5 credit
Cross Credit: EL
Course Fee: None
Prerequisite: Successful completion of Digital Communication Tools and approval of administrator in charge of the program

Description: This class teaches employable work habits as applied to a library. The student will learn how to access information and assist other students in the LRC. Daily tasks will include shelving books and shelf-reading, and copying materials. Enrollment is limited to one student per period, per semester.

SCS902 PEER AND CROSS AGE TUTORING **Grades: 10-12**
Semester: 0.5 credit
Cross Credit: EL
Course Fee: None
Prerequisite: Application and counselor recommendation

Description: Students are assigned to work in a classroom or one-on-one with students throughout the district ranging from pre-school through 12th grade. Students participating in this course must provide their own transportation to off-campus sites.

SCS906 SPECIAL SERVICES PEER TUTOR **Grades: 9-12**
Semester: 0.5 credit
Cross Credit: EL
Course Fee: None
Prerequisite: Counselor or teacher recommendation and instructor approval. Interview required.

Description: Students will gain experience working with young adults with disabilities in academic, community, and social settings. Students will learn a variety of effective strategies and gain knowledge of specific disabilities. This course is particularly valuable to anyone considering future training and/or employment in an educational, childcare, or adult care services environment.

LDR112 LEADERSHIP**Grades: 9-12**
Semester: 0.5 credit
*Cross Credit: EL**Course Fee: None**Prerequisite: Current ASB officer and permission from the instructor is required.*

Description: This course is designed to help the student develop leadership skills. Time will be allotted for elected officials to complete assigned duties; emphasis will be placed on decision making, problem solving, organization, parliamentary procedures and project planning. Evaluation is based on participation, involvement, and completion of student-organized activities.

CCC333 NEVAC**Grades: 11-12**
Semester: 0.5 credit, Year: 1.0 or 2.0 credits*Course Fee: Depends on course and district**Cross Credit: 0**Prerequisite: Depends on program; must obtain counselor approval; complete the enrollment process.*

Description: See NEVAC program catalog for more information. Students may **only** take a NEVAC course if the course is NOT offered at Cedarcrest High School, **and** the student whose graduation requirements and prerequisite skills permit entry into the NEVAC program. Please see counselor for complete credit review.

WNC300 WANIC**Grades: 11-12**
Credits: 2.5 or 3.0 credits*Course Fee: Depends on course and district**Cross Credit: 0**Prerequisite: Depends on program; must obtain counselor approval; complete the enrollment process.*

Description: See WaNIC program catalog for more information. Students may **only** take a WaNIC course if the course is NOT offered at Cedarcrest High School, **and** the student whose graduation requirements and prerequisite skills permit entry into the WaNIC program. Please see counselor for complete credit review.

The NCAA and NCAA Eligibility Center

What is the NCAA?

The NCAA, or National Collegiate Athletic Association, was established in 1906 and serves as the athletics governing body for more than 1,300 colleges, universities, conferences and organizations. The national office is in Indianapolis, but the member colleges and universities develop the rules and guidelines for athletics eligibility and athletics competition for each of the three NCAA divisions. The NCAA is committed to the student/athlete and to governing competition in a fair, safe, inclusive and sportsmanlike manner. One of the differences among the three divisions is that colleges and universities in Divisions I and II may offer athletics scholarships, while Division III colleges and universities may not.

What is the NCAA Eligibility Center?

The NCAA Eligibility Center will certify the academic and amateur credentials of all college-bound student-athletes who wish to compete in NCAA Division I or II athletics. To assist with this process, the Eligibility Center staff is eager to foster a cooperative environment of education and partnership with high schools, high school coaches and college-bound student-athletes. Ultimately, the individual student-athlete is responsible for achieving and protecting his or her eligibility status.

How to Find Answers To Your Questions:

The answers to most questions can be found by doing the following:

- ✓ Access the Eligibility Center's resource page on our Web site at www.eligibilitycenter.org
- ✓ Click on "Resources"
- ✓ Select the type of student that you are
- ✓ Navigate through the resources to find helpful information **OR**
- ✓ Contact the Eligibility Center at the phone number below

In addition, if you are sending transcripts or additional information to the Eligibility Center or have questions, please use the following contact information.

When to Call the NCAA?

Please contact the NCAA when you have questions like these:

- ✓ What are the rules and regulations related to initial eligibility?
- ✓ What are the rules and regulations related to amateurism?
- ✓ What are the regulations about transferring from one college to another?
- ✓ What are the rules about athletics scholarships and how can they be reduced or canceled?
- ✓ I have an education-impacting disability. Are there any other requirements for me?

Eligibility Center Contact Information

NCAA Eligibility Center:

Certification Processing
P.O. Box 7136
Indianapolis, IN 46207-7136

Package or Overnight Delivery:

Certification Processing
1802 Alonzo Watford Sr. Drive
Indianapolis, IN 46202

Web address:

www.eligibilitycenter.org

Eligibility Center Customer Service:

Representatives are available from 8 a.m. to 6 p.m.
Eastern time, Monday through Friday.
U.S. callers (toll free): 877.262.1492

NCAA

P.O. Box 6222
Indianapolis, IN 46206-6222
317/917-6222 (customer service Monday – Friday, noon – 4 p.m. Eastern time)



Skills Center Programs

- ❖ Animation Academy (AP)
- ❖ Architectural & Engineering Design
- ❖ Automotive Technology – Beginning & Advanced
- ❖ CISCO Networking Academy
- ❖ Computer Game Programming & Design (AP)
- ❖ Construction Trades
- ❖ Cosmetology
- ❖ Culinary Arts
- ❖ Horticulture/Floriculture
- ❖ International Entrepreneurship
- ❖ Robotics Design & Development
- ❖ Sports & Entertainment Management/Marketing

NEVAC Programs 1-2 credits

- ❖ Animation (2D, 3D, Foundations & Production)
- ❖ Architectural & Industrial Drafting Technology
- ❖ Audio Engineering & Sound Production
- ❖ Auto Collision Repair & Refinishing
- ❖ Automotive Technology
- ❖ Biotechnology
- ❖ Carpentry/Construction Technology
- ❖ Coaching Academy
- ❖ Computer Game Design
- ❖ Computer Science/Java Programming (IB/AP)
- ❖ Criminal Justice
- ❖ Culinary Arts
- ❖ Environmental Technology & Design
- ❖ Environmental Science (AP)
- ❖ Event Planning, Hospitality & Tourism
- ❖ Fire & Life Safety
- ❖ Floriculture
- ❖ Graphics Production
- ❖ Health Science Careers
- ❖ Horticulture
- ❖ Interior Design & Housing Related Careers
- ❖ Media Production Technology
- ❖ Radio/TV Broadcasting Technology
- ❖ Sports Medicine/Athletic Training
- ❖ Teaching Academy
- ❖ Technical Theatre Performance & Production
- ❖ Welding/Metal Fabrication

Online Learning .5 credits

- ❖ 3D Animation Online
- ❖ Health Online

DUAL ENROLLMENT/CREDIT PROGRAMS IN WASHINGTON STATE

The following programs help teens acquire useful college-level skills and earn college credit while still in high school.

Program	Description	Location	Advantage	Student Responsibilities	Student Costs
COLLEGE TECH PREP	A program that allows qualified high school students to take college-level Career and Technical Education (CTE) courses within their high school and earn both high school and college credit.	High School	<ul style="list-style-type: none"> Remain in high school Rigorous, college-level class Earn both high school and college credit May lead to industry cert., degree and/or employment TUITION FREE 	<ul style="list-style-type: none"> Enroll in a Tech Prep high school class and register for Tech Prep Program Meet rigorous college course competencies Earn a “B” grade or above in the course 	C3N does not charge a fee. Minimal registration fee varies by college. Little or no cost to student.
Running Start	A program that allows qualified high school juniors and seniors to attend college classes and earn both high school and college credit at the same time.	College	<ul style="list-style-type: none"> Accelerated class Earn both high school and college credit 	<ul style="list-style-type: none"> Determine transferability of college credits Ensure credits apply to high school graduation requirements Must meet application/registration deadlines 	Tuition waived, student pays lab fees, textbooks and transportation.
College in the High School	A program that allows qualified high school students to take college-level courses within their school and earn both high school and college credit.	High School	<ul style="list-style-type: none"> Remain in high school Accelerated class Earn both high school and college credit 	<ul style="list-style-type: none"> Meet college course standards 	Variety of fees, including tuition and textbooks.
Advanced Placement	Identified courses that prepare high school students to take advanced placement tests, allowing advanced placement and/or credit at the postsecondary level.	High School	<ul style="list-style-type: none"> Remain in high school Accelerated class Advanced placement and/or college credit granted based on test score 	<ul style="list-style-type: none"> Apply for testing Meet high academic standard 	Test fee
International Baccalaureate	Internationally recognized program which offers college credit for students completing a standardized curriculum and culminating exam.	High School	<ul style="list-style-type: none"> Remain in high school 	<ul style="list-style-type: none"> Maintain high degree of scholarship Apply for testing 	Test fee

TECH PREP and NEVAC – What's the Difference?

	College Credit and Careers Network	NEVAC
What is? ...	The College Credit and Careers Network (C3N) is a partnership of 4 community & technical colleges, 9 school districts, and 29 high schools. Tech Prep is a bridge between the secondary and postsecondary education systems providing high school students the opportunity to earn college credit at the same time they earn high school credit.	The Northeast Vocational Area Cooperative (NEVAC) is a partnership of 7 school districts that share students and specialized programs. NEVAC has over 30 programs to choose from that provide advanced skills training with state of the art technologies, employment preparation, and experience in a chosen field.
Mission	Provides opportunities for students to explore career pathways while in high school and to earn credit toward a professional/technical 2-year degree or certificate.	Provides a broad range of professional/ technical courses for students to explore, while in high school, which can expand options for the future.
Partnerships	<ul style="list-style-type: none"> • Nine school districts • 4 Community/Technical Colleges • Several public/private 4-year Colleges 	<ul style="list-style-type: none"> • Seven school districts
Registration	<ul style="list-style-type: none"> • On-line Registration 	<ul style="list-style-type: none"> • On-line Registration • Class Visit & Counselor approval
Cost	<ul style="list-style-type: none"> • NONE 	<ul style="list-style-type: none"> • None except lab fees, if applicable
College Credit	<ul style="list-style-type: none"> • Bellevue Community College • Cascadia Community College • Lake Washington Technical College • Shoreline Community College 	<ul style="list-style-type: none"> • Available through Tech Prep
Class Location	<ul style="list-style-type: none"> • High School 	<ul style="list-style-type: none"> • Classes offered throughout nine member school districts
School Districts	*Bellevue School District *Edmonds School District* Issaquah School District *Lake Washington School District * Mercer Island School District * Northshore School District * Riverview School District * Shoreline School District *Snoqualmie Valley School District	*Bellevue School District *Issaquah School District *Lake Washington School District * Mercer Island School District * Northshore School District * Riverview School District *Snoqualmie Valley School District
Grade Levels	<ul style="list-style-type: none"> • Grades 9-12 	<ul style="list-style-type: none"> • Primarily grades 11-12; certain classes available to grades 9-10
Class Grade	<ul style="list-style-type: none"> • Student must earn B or above 	<ul style="list-style-type: none"> • None required
Transportation	<ul style="list-style-type: none"> • Not required unless a NEVAC class 	<ul style="list-style-type: none"> • Student provides their own transportation

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Formerly the Northeast Tech Prep Consortium
www.collegecreditcareersnetwork.org



NORTHEAST VOCATIONAL AREA COOPERATIVE
www.nevac.org