

SHELTON HIGH SCHOOL COURSE CATALOG 2024-2025



HOME OF THE HIGHCLIMBERS



Shelton High School
3737 N Shelton Springs Road
Shelton, WA 98584
www.shs.sheltonschools.org

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SCHEDULING PROCESS

STUDENT SCHEDULE PROCEDURES

Selecting courses during registration is an important student task that will help students plan to graduate on time. The registration process is a collaboration involving students, parents/guardians, teachers, and counselors. Through Shelton High School's advisory program, students should create, maintain, and update their 4-year plan as part of their overall High School and Beyond Plan, which is a graduation requirement.

Student schedules are generated by a combination of student schedule requests submitted to school staff and the availability of school staff in areas of instruction. The master schedule is constructed using many sources of information and is balanced to meet the needs of the student body. Requests submitted are closely considered in the creation of a student schedule. However, there is no guarantee that every student will receive a schedule with all of their class choices. If this happens, every attempt will be made to place students in alternate courses in the same subject matter of their request(s), and that a student's schedule will meet each student's graduation needs. Submitting all requested information on time will assist school staff in meeting each student's scheduling needs.

SCHEDULE CHANGE PROCESS

If a schedule change is needed/requested after registration, the following procedure will be followed:

1. Submit a Schedule Change Request to the student's assigned counselor. Please note that changes can only be made within the **first three (3) days** of each new trimester.
2. Scheduled changes will be made for the following reasons:
 - a. Academic misplacement – Student is placed in the wrong level of class (Honors/AP vs. regularly paced class) or is placed in a class without meeting the prerequisite.
 - b. Program change- Student has been accepted into an academic program or the student is no longer enrolled in a specific program of study (New Market, Running Start, transferred academies, etc.).
 - c. Student is missing an academic class, or a clerical/computer error was made when assigning classes.
 - d. Student previously took and passed class (summer school, credit recovery, etc.).
 - e. Student is missing a graduation requirement necessary to graduate in the upcoming school year.
 - f. Student has previously failed a class from a currently assigned teacher.
 - g. Student has a current documented health issue that requires a change in schedule.
 - h. To balance classes or adjust for unexpected staffing changes.
 - i. Legal/administrative discretion.
3. Any student who receives a denial of their schedule change request may appeal to the principal. Appeals must be submitted no later than three school days after the schedule change request deadline.
4. Changes are not final until approved by a counselor.
5. Students need to attend their scheduled classes until their request is approved and processed.
6. After the first 3 days of the semester, schedule changes will only be considered if there are special circumstances, and the request is initiated by a teacher, counselor, or administrator.

WITHDRAWING FROM A SCHEDULED COURSE

A student who withdraws from a scheduled class between the 6th and 15th day will receive a "W" for the course on their transcript. Students who withdraw the 16th day and beyond of a trimester will receive an "F" grade. See Student Handbook for grading policies. **This also includes before and after school courses.**

LATE ENROLLMENT IN COURSES

Students enrolling in a course prior to the 16th day of class in a trimester will be able to earn full trimester credit. After the 16th day of the trimester, no credit will be awarded, and the student will receive an audit grade for the class. Administrative approval may be granted to award partial credit for special circumstances.

GRADING POLICIES

GRADING SYSTEM

GRADE	A	A-	B+	B	B-	C+	C	C-	D+	D	F
GPA	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.0
%	100-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	69-67	66-60	59-0

As a general guideline, Shelton High School uses the above grading system. Pass/Fail grades may be used for student assistants, credit retrieval, special circumstances, or in compliance with student individual education plans. Grading as pass/fail is only authorized with administrative approval. Please see the Student Handbook for more information on grading procedures and reporting.

GRADE POINT AVERAGE (WAC 392-415-055)

All marks/grades for courses taken shall be included in the calculation of grade point averages. One exception is if a class/course is repeated to improve a mark/grade. In that situation, then only the highest mark/grade earned shall be included in the calculation of grade point averages. Students must notify counselor if using this option. This exception shall not apply to recurring courses.

Recurring courses are those taken by a student to further develop their understanding and skills in the subject (e.g., journalism, advanced art or drama, concert band, etc.), and are taken by the student more than once to satisfy different credit requirements (e.g., advanced drama taken three times to meet an elective requirement, an art requirement, and the occupational education requirement). Recurring courses are not considered repeated courses taken for the purpose of improving a mark/grade.

Credits attempted for repeated course taken to improve a grade/mark may count only once toward the number of credits required for graduation. An exception can be made on the condition that the letter grades earned for all attempts are included in the calculation of the student's grade point average. Districts and schools shall not convert letter grades to non-numerical grades/marks for the purpose of this subsection. Students must submit a written request to their counselor to have a repeated course count only with the higher grade achieved.

CREDIT RETRIEVAL

The first option for retrieving lost credits due to class failures will be to re-enroll the student into the course to repeat the course that the student failed at the first possible opportunity. Opportunities available for students to make up credit for failed courses may include computer-based credit retrieval, summer school, and other options. These options will be in addition to completing courses in the regular school day. Not all classes are available in the summer or during LEAP classes. Please contact the Counseling Center for more information.

HIGH SCHOOL CREDIT FOR MIDDLE SCHOOL COURSES

For the class of 2024 and beyond, before the eleventh grade, a student and the student's parent or guardian must inform their school counselor in writing if they do not want credit for the course or courses taken before attending high school or if they want the course to be transcribed with a nonnumerical grade.

Students who have successfully completed a credit bearing course while attending middle school in another school district must present a transcript from the school district in which the course was taken for the course to be considered for approval by the high school principal.

WORLD LANGUAGE COMPETENCY-BASED CREDITS

In July 2010, the Washington State Board of Education (SBE) endorsed a model policy and procedure for districts to offer competency-based credits for world languages based on a student's demonstrated proficiency. Students interested in gaining high school credit in this way are encouraged to speak with their counselor.

REPORT CARDS/ MID-TERM PROGRESS REPORTS

Trimester report cards are issued three times per year, shortly after the end of each trimester, and are also available in SKYWARD to view and print. Trimester grades are posted to each student's official transcript. Mid-term progress reports (for information only) are issued at the mid-term point of each trimester and will only be available in SKYWARD. These reports are available year-round after posting and can be found in the Portfolio tab. Paper copies of report cards are sent home following each trimester.

PE WAIVERS

PE is a Washington State graduation requirement. Students must earn 1.5 credits within their four years of high school in order to graduate. There is a combination of both academic knowledge and physical performance included in PE classes. Per RCW 28A.230.050, students may apply to waive the physical component of the PE credits based on the following areas: physical disability, employment, or religious belief, or because of participation in directed athletics or military science and tactics or for other good cause. However, the academic knowledge requirement cannot be waived. The academic requirement must be met through alternate course work as described in [SSD Policy/Procedure and Form 2410](#). Contact the counseling center for more information.

GENERAL INFORMATION

SPECIAL SERVICES

Shelton School District offers a continuum of service to meet the needs of our students eligible for special education assistance. We believe in helping all students with disabilities benefit from education through coordinated program efforts. Special education programs focus on developing academic competencies and assisting the student in reaching their full potential. For information regarding special education programs, please contact: Shelton School District Special Education Office at 360-426-2151.

https://www.sheltonschools.org/departments/special_services

NCAA ATHLETIC ELIGIBILITY

Students interested in participating in college athletics after high school need to be aware that additional academic courses are required for eligibility and not all courses are approved for NCAA eligibility. Student athletes must also register with the NCAA Eligibility Center, preferably during the junior year. Because of the complexity of the NCAA Eligibility Center regulations, it is recommended that prospective student-athletes contact a counselor and create a plan that meets the requirements of the NCAA as well as college admissions. Careful planning needs to begin in the early high school years. Visit the NCAA website www.eligibilitycenter.org and see the Athletic Office or the Counseling Center for more information. **Please note that this catalog marks classes approved by the NCAA prior to print.

ADVISORY

All students are assigned to a grade-level advisory class in which they will work with an advisor towards completing Washington State high school graduation requirements. These include the High School & Beyond Plan and graduation pathway and requirements, and SHS building tasks. More information about Advisory is available on the SHS website, the Student Handbook and in the Counseling Center.

HIGH SCHOOL & BEYOND PLAN

The High School and Beyond Plan is a formal process designed to help students think about their future goals and how to accomplish those goals. This includes exploring interests and career options, developing a course plan for high school, and exploring opportunities to develop skills. Students create their High School and Beyond Plans in cooperation with parents/guardians and school staff. Ideally, students start their plans in eighth grade and then continue to revise them throughout high school to accommodate changing interests or goals. The High School & Beyond Plan is a graduation requirement. You can find more information about the High School and Beyond Plan at https://www.sbe.wa.gov/faqs/high_school_beyond.

STATE ASSESSMENTS

At the beginning of each school year, Shelton School District will notify parents and guardians of enrolled students about each student assessment required by the state, the minimum state-level graduation requirements, and any additional school district graduation requirements. The notification will include the following: when each assessment will be administered; which assessments will be required for graduation and what options students have to meet graduation requirements if they do not pass a given assessment; whether the results of the assessment will be used for program placement or grade-level advancement; when the assessment results will be released to parents or guardians and whether there will be an opportunity for parents and teachers to discuss strategic adjustments; and whether the assessment is required by the school district, state, federal government, or more than one of these entities.

COLLEGE ACADEMIC DISTRIBUTION REQUIREMENTS (CADR)

The College Academic Distribution Requirements (CADR) refer to college admissions criteria established by the Washington Student Achievement Council (WSAC). The term differs from high school graduation requirements that are determined by the State Board of Education and local school districts. Courses meeting CADR are determined by the school district and noted on the transcript with the “B” designation. More information about courses and guidelines can be found on the Washington State Achievement Council’s website at <https://wsac.wa.gov/>. **Please check with colleges of interest as requirements vary by school.**

COURSE FEES

Courses may have applicable fees. Financial assistance is available for students who qualify. Contact the Counseling Center for details.

WASHINGTON STATE SEAL OF BILITERACY

The Seal of Biliteracy is an award to recognize graduates who have attained an intermediate proficiency in one and more languages and English. This is recognized with a Washington state Seal of Biliteracy notation on the student’s transcript. [Click here to learn more.](#)

COLLEGE COURSES AVAILABLE FOR HIGH SCHOOL STUDENTS

Shelton High School offers a variety of classes on the high school campus that create opportunities for students to earn BOTH high school and college credit after successful completion. Courses being offered will be determined by student enrollment and staff availability.

RUNNING START

Running Start is a dual credit program that allows eligible juniors and seniors to enroll in college level classes to receive both high school and college credit. In order to qualify for the program, students must have the permission of their guardians and must comply with all college requirements including placement testing and maintenance of acceptable academic standing. Tuition is waived for college courses taken through Running Start. Students pay for books, fees, and transportation. An informational meeting will be held in the early spring. Please plan to attend if you are considering this option as there are many factors to consider. [Click here to go to the SHS Running Start Info Page](#)

ADVANCED PLACEMENT COURSES

This program developed by the College Board enables high school students to study college level material through enrollment in an AP course. Students can demonstrate mastery of the subject by taking an AP exam in May. Based on these AP scores, colleges and universities may then grant credit, placement in a higher-level course, or both. Students can benefit from these courses by learning a subject in greater depth, developing skills critically important to successful study in college.

COLLEGE IN THE HIGH SCHOOL

The College in the High School (CiHS) program is a dual-credit program that allows students to earn both college credit and high school credit concurrently while enrolled in a single class at the high school. It is taught by a high school teacher that meets the college's requirements as an adjunct faculty member. Students that take CiHS courses remain on the SHS campus. There is no fee for CiHS courses.

CAREER AND TECHNICAL EDUCATION (CTE) DUAL CREDIT

Some CTE courses allow students to earn both college credit and high school credit concurrently while enrolled in a single class. CTE Dual Credit programs enable students to remain in high school while beginning a college transcript with CTE courses without paying college tuition.

NEW MARKET SKILLS CENTER

Located in Tumwater, the New Market Skills Center offers specialized technical training to juniors and seniors from several area school districts. Each program is a three-period block in the afternoon. SHS students who enroll in New Market, will take Advisory, 1st, and 2nd periods on our campus and then are released for New Market.

Please see Counseling Center for more information.

CTE COURSE EQUIVALENCY

Course equivalency enables students taking designated Career & Technical Education (CTE) courses to satisfy two required contents toward graduation requirements while earning one credit. For example, taking Biomedical Science earns credit toward the 24 required credits for graduation AND fulfills two graduation requirements (CTE and Science). This allows more room in a student's schedule to take additional elective courses.

COMPARISON OF ACCELERATED COLLEGE CREDIT OPTIONS

	College in the High School (CiHS) NEW 2024-25!	Advanced Placement Courses (AP)	Running Start (RS)
<i>What is it?</i>	Students take CiHS courses at SHS taught at an accelerated pace at a college level by approved SHS teachers who are adjunct faculty with the college and use the college-directed curriculum with oversight from college.	Students take AP courses at SHS that are taught by SHS teachers. AP courses include a variety of subjects, such as history, English, math, and science.	Students can take college courses with other college students at a local community or technical college. Courses are taught by college faculty.
<i>How is college credit earned?</i>	Students earn college and HS credit simultaneously through regular classroom work and assessments.	To earn college credit, students must take an AP exam in the spring for each course and must pass the test with a 3 or better.	To earn college credit, students must pass their college classes.
<i>Where is it located?</i>	SHS	SHS	College campus; some hybrid and online courses are available
<i>Who is eligible to participate?</i>	Grades 9-12	Grades 10-12	Grades 11-12
<i>What is the cost for students?</i>	No cost for students.	There is a fee associated with each AP test. (There may be a fee waiver or discount for eligible students. Check with counselor.)	Tuition is waived; students pay the cost of textbooks, fees, and transportation.
<i>Transferability of credits?</i>	University college credit	Credits awarded vary. See AP Test Score Equivalencies for WA colleges	Community college/technical school credit
<i>Enrollment procedure</i>	Students register for the CiHS courses during regular registration at SHS and one term with the college (teachers will help students do this).	Students register for AP courses at SHS and register for AP exams through College Board. Tests take place at SHS in the spring.	Students register for running start through their SHS counselor and register each term at their school of choice.

POST HIGH SCHOOL PLANNING

Deciding what to do after high school may seem complicated and overwhelming, but it doesn't have to be. The curriculum in Advisory is designed to assist with this decision and the SHS team and resources make for a smoother planning process. More information and resources can be found on the Shelton High School Website under Student Services, through the Counseling Center and Career Center at https://shs.sheltonschools.org/student_services/career_center.

After high school, different paths lead to different types of credentials. You may need one (or several) of these credentials depending on your interests and goals. Make sure you are utilizing your YouScience account to research pathways as it provides the best results and resources.

WORKFORCE

People who go straight to the workforce usually do not have formal credentials beyond a high school diploma. However, some people on this path might complete an apprenticeship or other on-the-job training.

TRADE SCHOOL or CTE (TECHNICAL) COLLEGE

Most technical colleges award a certificate to show completion of a program of study. Some also award associate degrees. Accredited trade schools offer financial aid based on the FAFSA or WASFA.

- Certificate or certification for completion of a program (estimate to complete: one year or less)
- Associate degree (two years)

TRADITIONAL 2 YEAR COLLEGE (COMMUNITY COLLEGE)

Most community colleges award certificates or associate degrees, depending on the program. On average, an associate degree takes two years to complete for students who can attend with a full-time schedule. At some colleges, students can continue for four years to earn a bachelor's degree. In two years, students typically earn an associate degree. Accredited schools offer financial aid based on the FAFSA or WASFA. Community College is a great place to start with a direct transfer agreement to a university after completion of their associate degree.

- Associate degree

TRADITIONAL 4-YEAR COLLEGE

Most four-year colleges award bachelor's degrees. Typically, a bachelor's degree takes four years to complete for students who can go full-time. There are both public and private 4-year colleges. Accredited schools offer financial aid based on the FAFSA or WASFA. Private schools have private funding that allows them to offer higher financial aid awards and scholarships. Out-of-state tuition generally costs on average \$10,000 more than in-state tuition. Historically universities would require the SAT or ACT as part of the admissions process. At this time, most colleges and universities are TEST OPTIONAL, but you should be sure to check the admissions requirement for each school that you are interested in applying to.

- Bachelor's degree

GRADUATE SCHOOL

Many careers require specialized training and education beyond a bachelor's degree. Students attend graduate or graduate professional school to receive this training and earn a graduate or advanced degree. Some advanced degrees include:

- Master's degree
- Business degree
- Medical degree
- Law degree
- Doctorate degree

MILITARY SERVICE

The military can offer a diverse and challenging set of experiences and skill development with travel opportunities and can even help pay for school. Joining the military means committing to serving and protecting the country. Remember that each military branch functions differently so it's important to research each branch to find the right fit.

ASVAB Test: The Armed Services Vocational Aptitude Battery (ASVAB) is a multiple-choice test, administered by the United States Military Entrance Processing Command, used to determine qualification for enlistment in the U.S. Armed Forces.

Military Options:

- US Army
- US Army Reserve
- US Navy
- US Air Force
- US Marine Corps

APPRENTICESHIPS

An apprenticeship combines on-the-job training with related classroom instruction, all under the supervision of a journey-level professional. Apprentices get paid while they learn and develop knowledge, skills, and abilities in a new career field. After completing a registered apprenticeship program, apprentices receive a professional credential that is recognized nationwide.

Who Offers Apprenticeship Programs?

Typically, employers, employer associations, and labor unions sponsor apprenticeship programs. To find a program you are interested in, use the Apprenticeship Registration Tracking System (ARTS). This database lists all registered apprenticeship programs available in Washington, and the requirements for each program. You should contact the program directly to see if they are accepting new apprentices. <https://secure.lni.wa.gov/arts-public/#/>.

GRADUATION REQUIREMENTS AND PATHWAYS

WASHINGTON STATE GRADUATION REQUIREMENTS

To graduate from Shelton High School, students must:

1. Meet high school credit requirements:

CLASSES	REQUIRED CREDITS
ENGLISH	4
MATH	3
SCIENCE	3
SOCIAL STUDIES	3
ARTS	2
HEALTH & FITNESS	2
CTE	1
WORLD LANGUAGE	2
ELECTIVES	4
TOTAL	24

2. Complete a High School and Beyond Plan.

The High School and Beyond Plan is a graduation requirement and a tool that supports students in exploring their interests, planning high school coursework that is aligned to those interests, keeping track of major assessment scores, and logging work, school activities, community service, and other relevant experience. The Plan is designed to be flexible as students' goals and interests change over time, as well as enable students to successfully pursue education or training after they graduate high school. For more information, see <https://roieadywa.org/high-school-and-beyond-plan-101/>.

3. Complete a Graduation Pathway.

In addition to the state tests, the state has created multiple graduation pathways to provide students with options to demonstrate their readiness for the next steps after high school. Students can demonstrate their readiness to enter a post-high school career by completing one of the graduation options listed on the following page. Students will choose and complete the pathway that aligns with their High School and Beyond Plan and post-high school goals. For more information about state testing and graduation requirements, visit <https://ospi.k12.wa.us/student-success/graduation/graduation-pathways>.

PLANNING FOR COLLEGE

Students that plan to attend a 2- or 4-year college directly after high school may have need to fulfill additional academic requirements past the Washington minimum graduation requirements. These additional requirements can vary from school to school. Students are encouraged to consult with their counselor and the College & Career Readiness Center as well as conduct their own individual research into prospective colleges and universities. Please visit <http://www.wsac.wa.gov> for the latest information regarding the Washington State minimum college admissions standards.

Shelton High School Graduation Pathway Opportunities*

House Bill 1599 (2019) expanded the ways in which Washington students can develop their course plans and show their preparation for a meaningful first step after high school. Beginning with the Class of 2020, students must fulfill the pathway requirement to graduate which must align with their High School and Beyond Plan.

Career & Technical Education (CTE) Sequence (One option covers BOTH ELA and math)	Complete 2.0 or more CTE credits in the same CTE program area that includes a dual credit course or leads to an industry recognized credential.	
	Complete a Core Plus program (only New Market Construction)	
ASVAB (One option covers BOTH ELA and math)	Score at least <u>31</u> in the AFQT section of the ASVAB Test	
Math and English language arts (ELA) (Must meet <i>one</i> for ELA <u>and one</u> for math to meet this pathway)	English Language Arts Options	Mathematics Options
	SBA ELA Graduation Cut Score: <u>2548</u> SAT with Essay Score: <u>410</u> ACT with Writing Score: <u>14</u> Dual Credit ELA Course (must have the potential to earn college-level credit 100 or higher) AP Course/Exam: Earning a C+ or higher in one of the following classes: AP English Language and Composition, AP English Literature and Composition, AP Psychology, AP World History, AP United States History, AP United States Government and Politics AND/OR pass the AP Exam with any of the above classes with a score of 3 or higher	SBA Math Graduation Cut Score: <u>2595</u> SAT Score: <u>430</u> ACT Score: <u>16</u> Dual Credit Math Course (must have the potential to earn college-level credit 100 or higher) AP Course/Exam: Earning a C+ or higher in AP Calculus AND/OR or pass the AP Exam with a score of 3 or higher

*Pathway opportunities are detailed in this one-pager: <https://ospi.k12.wa.us/student-success/graduation/graduation-pathways>

REQUIRED NOTIFICATIONS

NOTICE OF NON-DISCRIMINATION

Shelton School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions and complaints of alleged discrimination:

Title IX Coordinator

Tabitha Whiting, Executive Dir. of Human Resources
700 S. First Street; Shelton, WA 98584
360-426-1687
Email: twhiting@sheltonschools.org

Section 504/ADA Coordinator

Ivy Kardes, Director of Special Services
700 S. First Street; Shelton, WA 98584
360-426-2151
Email: ikardes@sheltonschools.org

Civil Rights Compliance Coordinator

Tabitha Whiting, Executive Dir. of Human Resources
700 S. First Street; Shelton, WA 98584
360-426-1687
Email: twhiting@sheltonschools.org

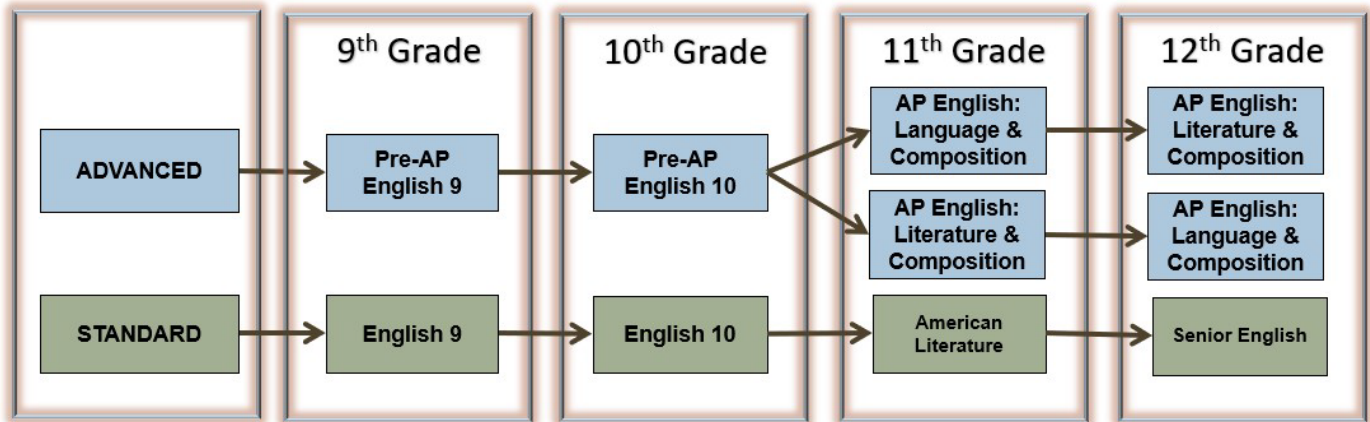
Gender Inclusive School Coordinator

Rich Squire, Safety and Security Manager
700 S. 1st Street; Shelton, WA 98584
360-426-6322
Email: rsquire@sheltonschools.org

You can report discrimination and discriminatory harassment to any school staff member or to the district's Civil Rights Coordinator, listed above. You also have the right to file a complaint (see below). For a copy of your district's nondiscrimination policy and procedure, contact your school or district office or view Policy and Procedure 3210 online at www.sheltonschools.org.

ENGLISH LANGUAGE ARTS COURSES

ENGLISH LANGUAGE ARTS



ENGLISH 9 (ENG101)

Credit: 1.0 English & 0.5 Elective
Length: 3 Trimesters

Qualifier: CADR COURSE, NCAA
Grade Level: 9

This introductory course develops core skills in the areas of reading, writing, and communication. Students will read informational and literary texts, research, write for various purposes, and participate in collaborative discussions. This course prepares students for English 10.

PRE-AP ENGLISH 9 (ENG111)

Credit: 1.0 English & 0.5 Elective
Length: 3 Trimesters

Qualifiers: CADR COURSE, HONORS, NCAA
Grade Level: 9

This course focuses on reading, writing, and language skills that are relevant to students' current work and essential for students' future to future high school and college coursework. Texts take center stage, preparing students for close, critical reading and analytical writing. The course trains readers to observe small details in a text to arrive at a deeper understanding of the whole. It also trains writers to create complex sentences—building this foundational skill enroute to sophisticated, longer-form analyses.

ENGLISH 10 (ENG201)

Credit: 1.0 English & 0.5 Elective
Length: 3 Trimesters

Qualifier: CADR COURSE, NCAA
Grade Level: 10

This course continues developing core skills in the areas of reading, writing, and communication. Coursework includes writing explanatory and argumentative essays, increasing vocabulary and knowledge, utilizing communication skills in collaborative discussions, improving language skills, and strengthening critical thinking needed for research.

PRE-AP ENGLISH 10 (ENG211)

Credit: 1.0 English & 0.5 Elective
Length: 3 Trimesters

Qualifiers: CADR COURSE, HONORS, NCAA
Grade Level: 10

Students apply the practices of close observation, critical analysis, and the appreciation of author's craft to a new array of nonfiction and literary texts. As readers, students become aware of how poets, playwrights, novelists, and writers of nonfiction manipulate language to serve their purposes. As writers, students compose more nuanced analytical essays while never losing sight of craft and cohesion.

AMERICAN LITERATURE (ENG301)

Credit: 1.0 English

Qualifier: CADR COURSE, NCAA

Length: 2 Trimesters

Grade Level: 11

Prerequisite: English 9 and 10 or Pre-AP English 9 and 10

Students will read a range of U.S. literature that explore various themes and challenges in society. To strengthen their critical thinking, reading, writing, and communication skills, students will: read, analyze, and generate arguments; write explanatory and argumentative essays; practice effective speaking, listening, and interpersonal skills by actively participating in discussions; and increase knowledge and vocabulary. Students will read a range of U.S. literature that explore various themes and challenges in society. To strengthen their critical thinking, reading, writing, and communication skills, students will: read, analyze, and generate arguments; write explanatory and argumentative essays; practice effective speaking, listening, and interpersonal skills by actively participating in discussions; and build an increased vocabulary.

SENIOR ENGLISH (ENG401)

Credit: 1.0 English

Qualifier: CADR COURSE, NCAA

Length: 2 Trimesters

Grade Level: 12

Prerequisite: Completion of American Literature, or AP English Language & Composition or AP Literature & Composition

In Senior English, students will focus on college and career readiness through reading analytically and writing in a variety of modes. Students will synthesize their critical thinking, close reading, writing, research, and speaking skills in order to engage in the research process and be responsible consumers of information.

ADVANCED PLACEMENT (AP) ENGLISH LANGUAGE & COMPOSITION (ENG311)

Credit: 1.0 English & 0.5 Elective

Length: 3 Trimesters

Grade Level: 11

Prerequisite: Successful completion of English 9 and English 10 or teacher recommendation.

AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. This course prepares students to take the Advanced Placement exam in Language and Composition; depending on their score, students are eligible for college credit.

BUSINESS COMMUNICATIONS (B BUS7)

Credit: CTE and/or English and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 1 Trimester (.5 Credit)

Grade Level: 10, 11, 12

Co-requisite (10th Grade): English 10 or Pre-AP English 10

Academy: Health Science Academy (HSA)

Pathway: Human Services

Business English covers basic communication skills including punctuation, word usage, and the composition of business letters, reports, and memorandums, as well as professional communication skills. Students will also produce a resume and cover letter. The computer is used daily. This course can be taken as an English elective credit; however, it does not meet NCAA English requirements.

ADVANCED PLACEMENT (AP) ENGLISH LITERATURE & COMPOSITION (ENG411)

Credit: 1.0 English AND 0.5 Elective

Qualifiers: CADR COURSE, ADV PLACEMENT, NCAA

Length: 3 Trimesters

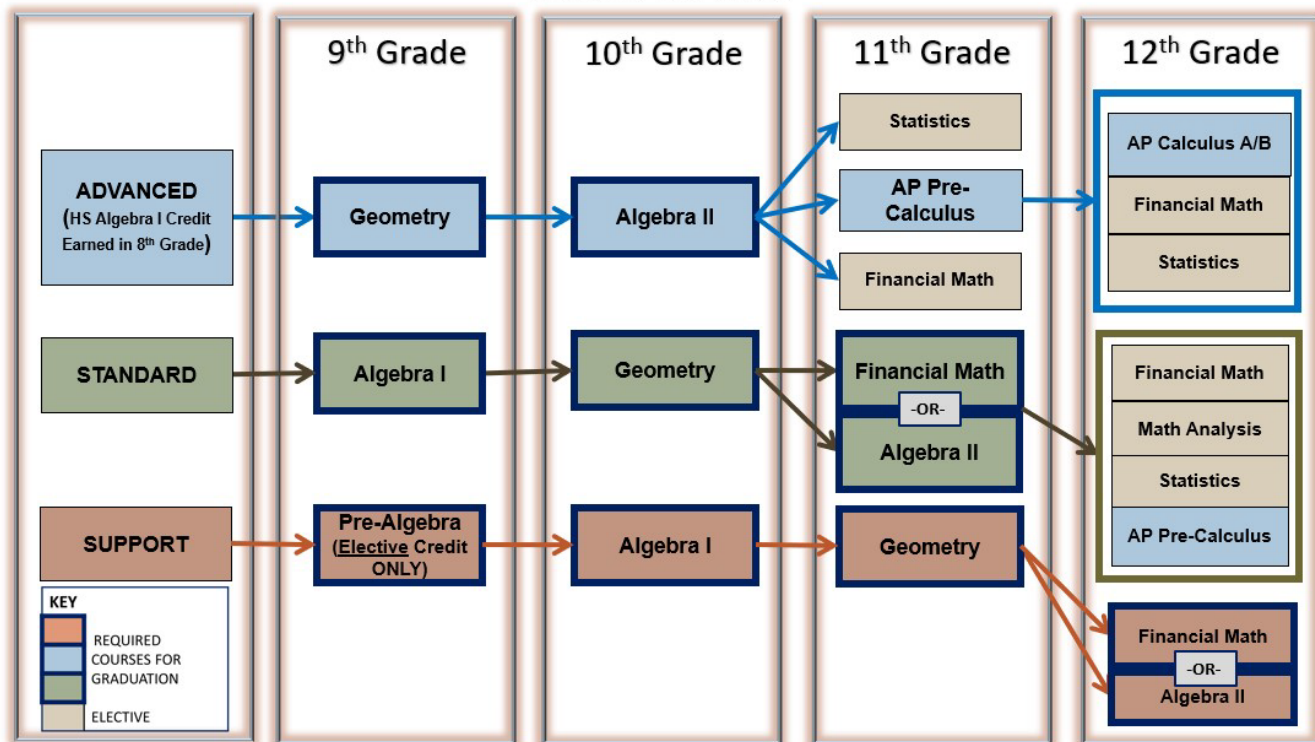
Grade Level: 12

Prerequisite: Successful completion of English 9 and English 10 or teacher recommendation.

AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of fiction, poetry, and drama. This course prepares students to take the Advanced Placement exam in Literature and Composition; depending on their score, students are eligible for college credit.

MATHEMATICS COURSES

MATHEMATICS



PRE-ALGEBRA (MAT095)

Credit: 1.0 Math Elective

Qualifier: None

Length: 2 Trimesters (1.0 Credit)

Grade Level: 9

Pre-Requisite: Placement in this course is based on SBAC Scores, Teacher Recommendation, MAP Scores, and other qualifying factors.

Explore the fundamental principles of mathematics in Pre-Algebra, a foundational course designed to prepare students for advanced mathematical concepts in Algebra I. Students will master essential skills such as arithmetic, fractions, decimals, number sets and basic equations. This course emphasizes critical thinking and problem-solving strategies, fostering a deep understanding of mathematical concepts. By the end of the course, students will have a solid mathematical foundation, empowering them to tackle more complex algebraic concepts of Algebra I with confidence. Students must meet the pre-requisite requirements listed above to register for this course. This course does NOT fulfill graduation requirements for Mathematics. Students must still take 3 credits of math starting with Algebra I.

ALGEBRA I (MAT101)

Credit: 1.0 Algebra Math and 0.5 CTE or Elective

Qualifier: CADR COURSE, NCAA

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-Requisite: Placement Based.

This course provides students with the foundational concepts of Algebra. The focus for this course includes the following topics: expressions, equations, graphs, lines, functions, exponents, radicals, polynomials, and quadratics. Students will also use mathematical modeling and problem solving through hands-on applications, lab activities and real-world problems.

GEOMETRY (MAT201)

Credit: 1.0 Geometry Math and 0.5 CTE or Elective

Qualifier: CADR COURSE, NCAA

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-Requisite: Placement Based upon successful completion of Algebra I and teacher recommendation.

This course introduces students to deductive and inductive proofs, triangle geometry, dissections and areas of geometric shapes, similarity and ratios, circle geometry, volume, coordinates, and vectors. Students will also use mathematical modeling and problem solving through hands-on applications, lab activities to solve real-world geometry problems.

ALGEBRA II (MAT301)

Credit: Algebra II Math or Elective

Length: 2 Trimesters (1.0 Credit)

Qualifier: CADR COURSE, NCAA, 3rd YR Math

Grade Level: 10, 11, 12

Pre-Requisite: Successful completion of Algebra I and Geometry, and teacher recommendation.

This course will continue to build on and develop students understanding of Algebra. The course includes an overview of functions, quadratics, polynomials, radicals, exponential and logarithmic functions, rational functions, and other advanced Algebra concepts. College-bound students should take this course as their 3rd year math requirement.

CiHS MATH152 ADVANCED ALGEBRA II (MAT306)

Credit: Algebra II Math or Elective

Length: 2 Trimesters (1.0 Credit)

Qualifier: CADR COURSE, NCAA, 3rd YR Math, CiHS, COLLEGE CREDIT

Grade Level: 10, 11, 12

Pre-Requisite: Successful completion of Algebra I and Geometry with a grade of B or better, and teacher recommendation.

This course will continue to build on and develop students' understanding of algebraic concepts. The course includes an overview of functions, quadratics, polynomials, radicals, exponential and logarithmic functions, rational functions, and other advanced Algebra concepts. With a focus on abstraction and advanced problem-solving strategies, this course equips students with the tools needed for success in higher-level mathematics and applications in science, engineering, and technology. College-bound students can take this course as their 3rd year math requirement. Students who take this course may have an opportunity to earn college credit through the College in the High School program (CWU MATH 152 Functions and Reasoning).

FINANCIAL MATH (MAT321)

Credit: Math and/or CTE Elective

Length: 2 Trimesters (1.0 Credit)

Qualifier: CADR COURSE, CTE DUAL CREDIT, 3rd YR Math

Grade Level: 11, 12

Pre-Requisite: Successful completion of Algebra I and Geometry and current teacher recommendation.

This course teaches and has students apply algebra concepts to a variety of business, financial, and personal situations. Applications usually include income, insurance, credit, banking, taxation, stocks and bonds, and finance. This course is taught by a CTE certified teacher and can be used as part of a student's CTE graduation pathway.

STATISTICS (MAT421)

Credit: Math or Elective

Length: 2 Trimesters (1.0 Credit)

Qualifier: NCAA, HSBP 3rd YR Math

Grade Level: 11, 12

Pre-Requisite: Placement through current teacher recommendation, Geometry and Algebra II, with a letter grade of C or higher.

This course is for college-bound students and provides appropriate preparation for students who plan a pathway in Health Science Careers or Social Science Careers. Topics will be taught from a "real-world" perspective. The focus is on investigations into statistics.

MATH ANALYSIS (MAT401)

Credit: Math or Elective

Length: 2 Trimesters (1.0 Credit)

Qualifier: CADR COURSE, NCAA, 3rd YR Math

Grade Level: 11, 12

Pre-Requisite: Successful completion of Geometry and Algebra II, and current teacher recommendation.

This course is designed to prepare students for pre-calculus but is also an appropriate option for students seeking a third- or fourth-year math class. It includes a review of algebra skills, analysis of functions, introduction to trigonometry, and an introduction to other pre-calculus concepts.

ADVANCED PLACEMENT (AP) PRE-CALCULUS (MAT311)

Credit: Math or Elective

Qualifier: CADR COURSE, NCAA, 3rd YR Math

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10, 11, 12

Pre-Requisite: Successful completion of Geometry and Algebra II; (if 10th Grade, with grade of B or higher), and current teacher recommendation.

This course is designed for the mathematically talented and motivated student. It includes a study of functions, polynomials, matrices, and trigonometry. Graphing Calculator recommended for those planning to continue to Calculus.

ADVANCED PLACEMENT (AP) CALCULUS AB (MAT411)

Credit: Math or Elective

Qualifier: CADR COURSE, AP, NCAA, 3rd YR Math

Length: 3 Trimesters (1.5 Credit)

Grade Level: 12

Pre-Requisite: Placement through current teacher recommendation. Successful completion of AP Pre-Calculus with letter grade B or Higher. Students who do not meet the prerequisite may take this course with instructor's permission.

This course is devoted to topics in differential and integral calculus. The AP course covers topics including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections among these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

ADVANCED PLACEMENT (AP) CALCULUS BC (MAT414)

Credit: Math or Elective

Qualifier: CADR COURSE, AP, NCAA, 3rd YR Math

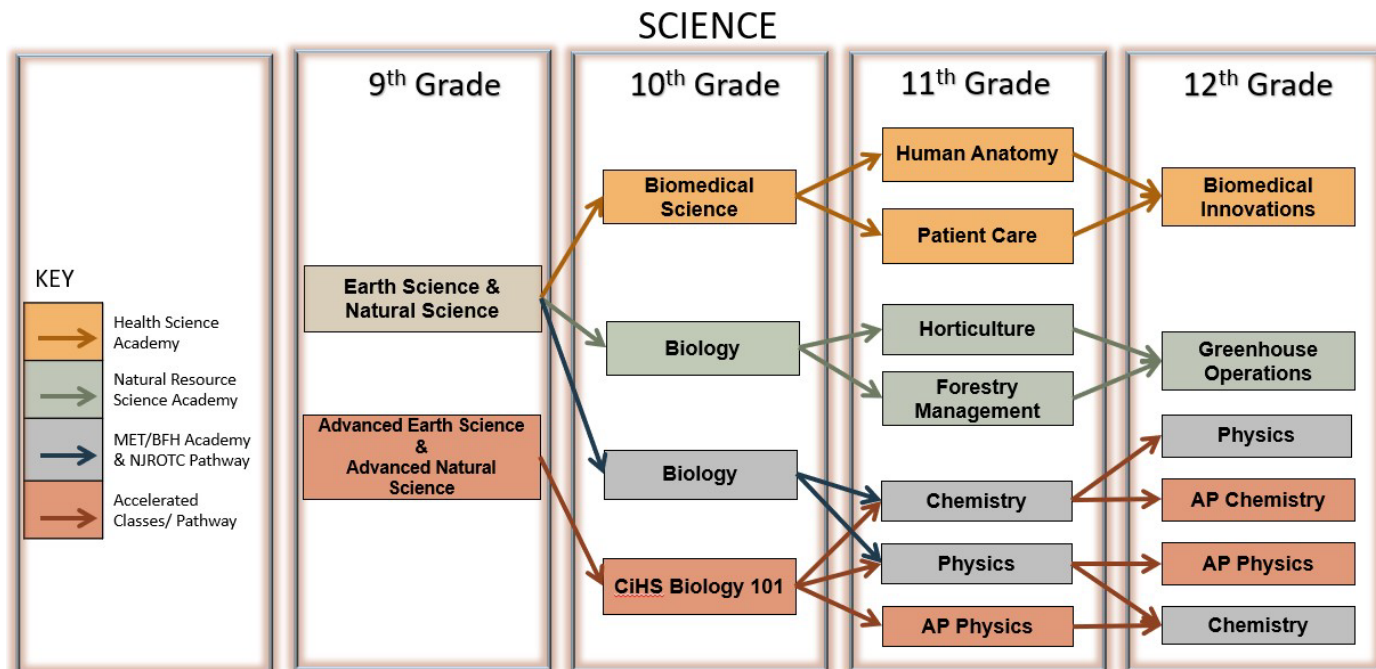
Length: 3 Trimesters (1.5 Credit)

Grade Level: 12

Pre-Requisite: Placement through current teacher recommendation only. Successful completion of AP Calculus AB and a score of a 2 or higher on the AP Calculus AB exam.

AP Calculus BC is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

SCIENCE COURSES



EARTH SCIENCE (SCI102)

Credit: Science and/or Elective

Qualifier: CADR COURSE, LAB SCIENCE, NCAA

Length: 1 Trimester (0.5 Credit)

Grade Level: 9

Co-Requisite: Natural Science

This class will be a survey of astronomy, geology, meteorology, and oceanography with an emphasis on the cycles and systems that affect the Olympic Peninsula and the Pacific Northwest. Students will continue development of laboratory and scientific method skills in various activities and projects on general science concepts.

ADVANCED EARTH SCIENCE (SCI111)

Credit: Science and/or Elective

Qualifier: CADR COURSE, LAB SCIENCE, HONORS, NCAA

Length: 1 Trimester (0.5 Credit)

Grade Level: 9

Co-Requisite: Advanced Natural Science

This is a lab-based science course that will give students a foundation in Earth science concepts as well as applying principles of experimental design in laboratory settings. Advanced Earth Science includes the same major areas of study as Earth Science, but with enrichment and extensions to the curriculum.

NATURAL SCIENCE (SCI101)

Credit: Science and/or CTE and/or Elective

Qualifier: CADR COURSE, LAB SCIENCE, NCAA

Length: 1 Trimester (0.5 Credit)

Grade Level: 9

Co-Requisite: Earth Science

This class is intended for students who want to experience a more hands-on approach to learn about natural resources that we interact with and impact. As a part of the Career and Technical Education program, students will explore career options, leadership skills, employment preparation, as well as academic and life skills training. Emphasis is placed on the cycles and systems that affect the Olympic Peninsula and the Pacific Northwest. Numerous activities and labs will develop problem-solving techniques and inquiry methods. There are numerous mandatory field trips and outside classroom environment activities.

ADVANCED NATURAL SCIENCE (SCI112)

Credit: Science and/or CTE and/or Elective

Qualifier: CADR COURSE, LAB SCIENCE, HONORS, NCAA

Length: 1 Trimester (0.5 Credit)

Grade Level: 9

Co-Requisite: Advanced Earth Science

This is a lab-based science course that will give students a foundation in natural science concepts through a hands-on approach and use of the scientific method and process skills. Students will explore the natural resources that humans commonly interact with – specifically, the systems and cycles that affect the Olympic Peninsula and the Pacific Northwest. This program will include the same major areas of study as Natural Science, but with enrichment and extensions to the curriculum.

BIOLOGY (SCI201)

Credit: Science and/or Elective

Qualifier: CADR COURSE, LAB SCIENCE, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10

Prerequisite: Earth Science & Natural Science

In this course, students will demonstrate knowledge in Biochemistry, Cellular Structure and Function, Energy of Cells, Cell division, Ecology, Genetics, and Evolution. Using numerous lab activities, students will develop the ability to incorporate scientific methods to solve problems.

CiHS BIOLOGY 101 (SCI211)

Credit: Science and/or Elective

Qualifier: CADR COURSE, LAB SCIENCE, NCAA, CiHS, COLLEGE CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10

Prerequisite: Successful completion of Earth Science and Natural Science.

This course provides an introduction to scientific inquiry and basic principles of biology at molecular, cellular, organismal, community, and ecosystem levels as applied to humans, society, and the environment. This is a College in the High School (CiHS) course. This class is taught at an advanced level and students can earn high school and college credit concurrently (CWU Fundamentals of Biology).

HUMAN ANATOMY (SCI325)

Credit: Science and/or CTE and/or Elective

Qualifier: CADR COURSE, LAB SCIENCE, CTE COURSE, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 11, 12

Prerequisite: Successful completion of Biomedical Science or Biology.

Academy: Health Sciences Academy (HSA)

Pathway: HSA Medical Sciences Pathway

This is a college preparatory course teaching the anatomical and physiological aspects of the human body. The course includes comprehensive lectures, extensive lab work and numerous audiovisual aids. Medical terminology will be utilized. Students must be willing to participate in laboratory dissections.

CHEMISTRY (SCI401)

Credit: Science or Elective

Qualifier: CADR COURSE, LAB SCIENCE, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 11, 12

Prerequisite: Successful completion of Geometry with a C or better. **Recommended:** concurrent enrollment in Algebra II or higher-level math.

This course includes the study of matter and the laws that describe its behavior. Atomic structure, chemical-physical properties, balancing equations, and gas laws equations will be taught.

ADVANCED PLACEMENT (AP) CHEMISTRY (SCI411)

Credit: Science or Elective

Qualifier: CADR COURSE, LAB SCIENCE, COLLEGE CREDIT, NCAA

Length: 3 Trimesters (1.5 Credit)

Grade Level: 11, 12

Prerequisite: Successful completion of Chemistry.

Co-requisite: Concurrent enrollment in Algebra II or completion of Algebra II.

AP Chemistry is a college prep class and focuses on the study of matter and the laws that govern its behavior. It includes atomic structure, chemical reactions, gas laws and chemical equilibrium. Problem solving is a large component of the course. This course is intended for students who will be attending a four-year college/university and who are planning to enter science, engineering, or medical fields.

PHYSICS (SCI301)

Credit: Science or Elective

Qualifier: CADR COURSE, LAB SCIENCE, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 11, 12

Prerequisite: Successful completion of Geometry with a C or better.

This course is designed to provide students with an introduction to physics that will meet requirements for admission to many four-year universities. The course covers the study of matter and energy. Topics covered will include motion, Newton's Laws of Motion, energy, momentum, waves and light. This course is recommended for students who need math-based science and will be attending a four-year college or university.

ADVANCED PLACEMENT (AP) PHYSICS (SCI311)

Credit: Science or Elective

Qualifier: CADR COURSE, LAB SCIENCE, NCAA

Length: 3 Trimesters (1.5 Credit)

Grade Level: 11, 12

Prerequisite: Concurrent enrollment in Advanced Algebra II or Algebra II or successful completion of Algebra II with a C or better.

Recommended: Concurrent enrollment in AP Pre-Calculus or AP Calculus.

This course is for college-bound students. It is suggested for math, science, or engineering majors and highly recommended for students planning to enter chemistry, electronics, engineering, architecture, astronomy or any physical science field in college. Curriculum includes the study of forces, motion, statics, energy, light, sound, color, and electricity.

HORTICULTURE (SCI312)

Credit: Science and/or CTE and/or Elective

Length: 2 Trimester (1.0 Credit)

Prerequisite: Natural Science and Biology - CTE

Academy: Natural Resources Science (NRS)

Pathway: NRS Horticulture Pathway

**** This is an Academy Required Course for 11th grade students. 12th grade students may request the course with teacher permission.**

What makes plants grow and produce the food that we need to eat? This horticulture class offers students a basic understanding of scientific processes by working with plants in the classroom, laboratory, and greenhouse. Students will learn about careers in the horticulture industry, gain employability skills and can participate in FFA. Possible college credit available.

Qualifier: CADR, LAB SCIENCE, CTE DUAL CREDIT

Grade Level: 11, 12

FORESTRY MANAGEMENT (SCI314)

Credit: Science and/or CTE and/or Elective

Length: 2 Trimesters (1.0 Credit)

Prerequisite: Natural Science and Biology - CTE or Biology

Academy: Natural Resources Science (NRS)

Pathway: NRS Forestry Pathway

**** This is a required 11th grade course for the Natural Resources Science Academy Forestry Pathway. 12th grade students may request the course. However, 11th grade Forestry Pathway students will be given preference for academy growth.**

Come explore scientific and forestry principles to the management of Washington's forests. Includes instruction in tree and tool identification, timber cruising and valuation, timber stand management and silviculture, diseases, pest and fire ecology, mapping and land measurement, forest practice laws. Students prepare and submit a forest management plan to the landowner. A Supervised Agricultural Experience is incorporated to place students in a position where they learn the practices of entrepreneurship and the fundamentals of research and experimentation in the forestry field. Participants in the SAE will conduct exploratory projects with the purpose of learning about and improving forest practices in their surroundings.

Qualifier: CADR COURSE, LAB SCIENCE, CTE COURSE

Grade Level: 11

GREENHOUSE OPERATIONS (CAPSTONE) (SCI431)

Credit: Science and/or CTE and/or Elective

Length: 3 Trimesters (1.5 Credit)

Prerequisite: Natural Science, Biology and Horticulture

Academy: Natural Resources Science (NRS)

Pathway: NRS Horticulture Pathway

Greenhouse Operations focuses on greenhouses and nursery operations with an emphasis on horticultural goods. You will build a model greenhouse to showcase how and why they work, review the science behind how to grow plants effectively in these environments, and explore how we utilize greenhouses and other sheltered spaces year-round! Students in this class will also work with FFA members to make decisions about the annual FFA Plant Sale including which types of plants to order, how to arrange hanging baskets, and more. As a part of the Career and Technical Education (CTE) program at Shelton High School, a Supervised Agricultural Experience project will also be completed in this course which encourages exploration of leadership skills and science to prepare you for whatever the next stage in your plant science journey might be!

Qualifier: CTE COURSE, PATHWAY

Grade Level: 12

ENVIRONMENTAL SCIENCE (SCI403)

Credit: Science and/or CTE and/or Elective

Length: 2 Trimesters (1.0 Credit) or 1 Trimester (0.5 Credit)

Co-Requisite for 10th Grade: Concurrent enrollment in General Biology or Honors Biology

Prerequisite (Grades 11-12): Completion of General Biology or Honors Biology

Environmental Science focuses on understanding the interactions of the natural world and the demands placed on it by human populations. Environmental Science is a rapidly expanding field with many job openings for those with an interest and training. Come be a part of that solution! Lessons will explore Communities & Populations, Ecology & Toxicology, Air / Water/ Soil Quality and Pollution, Alternate Energy, Current Events and trends in Environmental Law. This class satisfies the 30-hour coursework requirement leading to Wastewater Technician Certification at age 18 and offers possible college credit too! This is a hands-on class with activities and laboratory exploration components.

Qualifier: CADR COURSE, LAB SCIENCE, NCAA, CTE DUAL CREDIT

Grade Level: 10, 11, 12

ADVANCED PLACEMENT (AP) ENVIRONMENTAL SCIENCE (SCI441)

Credit: Science and/or CTE and/or Elective
Length: 3 Trimesters (1.5 Credit)

Qualifier: CADR, LAB SCIENCE, NCAA, CTE DUAL CREDIT, ADV PLACEMENT
Grade Level: 10, 11, 12

Co-Requisite for 10th Grade: Concurrent enrollment in Biology

Prerequisite (Grades 11-12): Completion of Biology or Biomedical Science

AP Environmental Science is a college prep class for advanced science students. Students should be self-motivated and aware of the commitment for this 3-trimester in-depth course. This course focuses on the application of biological, chemical, and physical principles to the study of the physical environment and the solution of environmental problems, including subjects such as abating or controlling environmental pollution and degradation; the interaction between human society and the natural environment; alternative energy, and natural resources management. Includes instruction in biology, chemistry, physics, geosciences, climatology, statistics, and mathematical modeling. Students will have the opportunity to take the AP Environmental Science test.

ZOOLOGY (SCI320)

Credit: Science and/or CTE and/or Elective
Length: 2 Trimesters (1.0 Credit)

Qualifier: CADR COURSE, LAB SCIENCE, CTE COURSE
Grade Level: 11, 12

Pre-requisite: Successful completion of Biology, Honors Biology, or Biomedical Science.

Preferred Elective: Natural Resources Academy (NRS)

Zoology is a course well suited for students interested in veterinary or general medicine, or any Biology/ Natural Resources / Environmental Science career related to animal populations. Students will learn embryology, taxonomy, evolutionary relationships, animal adaptations, animal behavior, ecological topics, and a survey of the 9 phyla of animals to include dissections of various organisms from the animal kingdom. Special emphasis will be given to invasive and endangered species and strategies used to intervene with both.

BIOMEDICAL SCIENCE (SCI221)

Credit: Science or CTE or Elective
Length: 2 Trimesters (1.0 Credit)

Qualifier: CADR COURSE, LAB SCIENCE, CTE COURSE
Grade Level: 10

Academy: Health Sciences Academy (HSA)

Why did the person die? Was it natural causes or disease? Could they have been saved? Come find out the cause of death by examining autopsy reports, investigating medical history, and exploring medical treatments that might have prolonged the person's life. This course is designed for students with a strong interest in health science and careers requiring advanced degrees such as doctor or medical researcher. This is the introductory course of the Project Lead the Way Biomedical Science program. Students will be introduced to human physiology, biology, medicine, and research processes while designing experiments to solve problems in the field of health careers.

PATIENT CARE (SCI323)

Credit: CTE or Elective
Length: 2 Trimesters (1.0 Credit)

Qualifier: CTE COURSE
Grade Level: 11

Academy: Health Sciences Academy (HSA)

Pathway: HSA Patient Care Pathway

Are you interested in health and medical sciences? Do you want to improve the quality of life for the people you work with? If you answered yes, then this could be the class for you! It will cover duties that involve direct patient care. You will learn how to interact with clients/patients, work as a team member regarding patient care, and plan for patient treatment including implementation and monitoring of patient care. Careers includes but are not limited to: physical therapist, chiropractor, nurse, medical assistant, home health aide, dental assistant, and technicians that work with: x-ray, ultrasound, nuclear medicine, MRI, mammogram, and CAT scan.

BIOMEDICAL INNOVATIONS (SCI421)

Credit: Science and/or CTE and/or Elective

Qualifier: CADR COURSE, LAB SCIENCE, CTE COURSE, PATHWAY

Length: 2 Trimesters (1.0 Credit)

Grade Level: 12

Pre-requisite: Successful completion of Biomedical Science and Human Anatomy or Patient Care

Academy: Health Sciences Academy (HSA)

Pathway: HSA Medical Sciences and Patient Care Pathway

**** This is a required 12th grade course for the Health Sciences Academy Medical Sciences Pathway.**

Students will apply their knowledge and skills to answer questions and solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community. Student must have successfully completed the three previous PLTW courses before being accepted into this course.

MEDICAL TERMINOLOGY (SCI405)

Credit: Science and/or CTE and/or Elective

Qualifier: CADR COURSE, LAB SCIENCE, CTE COURSE

Length: 2 Trimesters (1.0 Credit)

Grade Level: 12

Prerequisite: Successful completion of Patient Care or Human Anatomy

Preferred Elective: Health Sciences Academy (HSA)

Are you ready for the next step in a health science career? This is the course to further your professional vocabulary and prepare you for your capstone internship experience. The primary focus of this course is developing both oral and written skills in the language and vocabulary used to communicate within health care professions.

MECHATRONICS I (M EGR4)

Credit: CTE or Science or Elective

Qualifier: LAB SCIENCE, CTE DUAL CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 11, 12

Pre-Requisite: Successful completion of Intro to CAD or Instructor Approval.

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Engineering Pathway

Did you take your toys apart as a child to see how they worked? Do you build your own inventions? Do you like to create things and solve problems? Come to Mechatronics 1 and learn about the mechanical, electrical, and computer skills used in manufacturing applications. Get a chance to try out new technology with hands-on training that will help you earn Industry Recognized Certificates (IRCs) and give you a head start toward landing a job or applying for more training right out of high school.

MECHATRONICS II (M EGR6)

Credit: CTE or Science or Elective

Qualifier: LAB SCIENCE

Length: 2 Trimesters (1.0 Credit)

Grade Level: 11, 12

Pre-Requisite: Successful completion of Mechatronics I or instructor Approval.

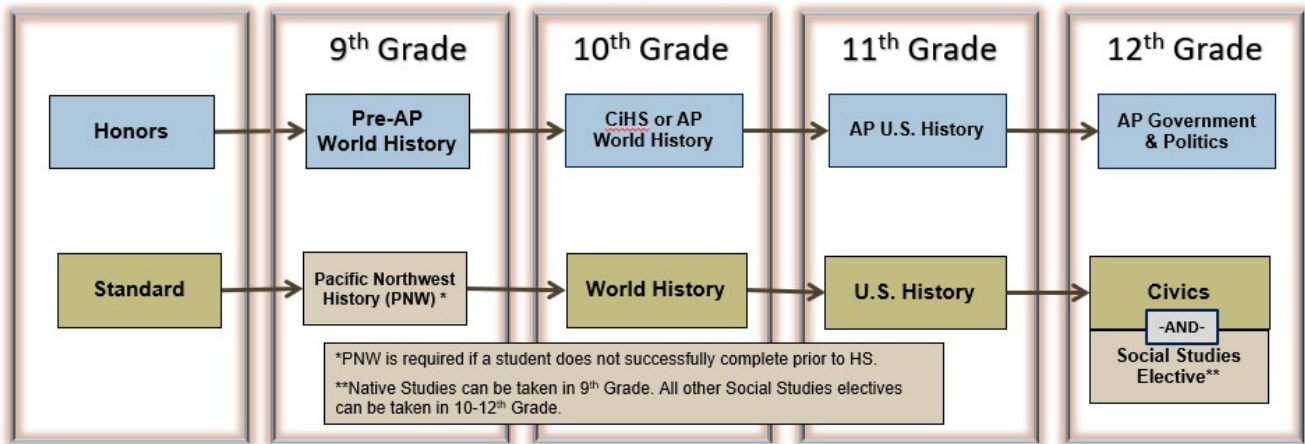
Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Engineering Pathway

As a continuation of Mechatronics 1, Mechatronics 2 provides students the opportunity to become Subject Matter Experts (SMEs) in two or four different areas, and to work in teams to design and create inventions to improve our lives and solve real world problems. Continue to acquire Industry Recognized Certificates (IRCs) and/or college credit as you prepare for a successful future career.

SOCIAL STUDIES COURSES

SOCIAL STUDIES



PRE-AP WORLD HISTORY (SOC111)

Credit: Social Studies or General Elective

Qualifier: CADR COURSE, HONORS, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 9

Co-Requisite: Concurrent enrollment in grade level or higher English course.

This course is designed for 9th grade students that plan on taking advanced placement or College in the High School courses during their 10th-12th grade years. The course will introduce skills, concepts, and assessment methods crucial to preparing students for success in college level and accelerated social studies classes. Focus will center on developing reading, writing, questioning, critical thinking, and document analysis skills. Content will focus on Ancient World History (to 500 BCE).

PACIFIC NORTHWEST HISTORY (SOC101)

Credit: Social Studies or General Elective

Qualifier: CADR COURSE, NCAA

Length: 1 Trimester (0.5 Credit)

Grade Level: 9, 10, 11, 12

This is a make-up course to pass state requirements.

Pacific Northwest History will identify major events, people, places, and issues in the Pacific Northwest and the impact of these on the historical development of Washington State. This course may be offered as a make-up course that provides credit to students that did not previously pass this state requirement prior to high school. Please see information above regarding meeting state requirement for Washington State History.

WORLD STUDIES (SOC201)

Credit: Social Studies or General Elective

Qualifier: CADR COURSE, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10

This is a course combining world geography with students' deeper understanding of social studies concepts on a global scale from the Industrial Revolution to the present, with an emphasis in the twentieth century.

CiHS HIST&128 WORLD CIVILIZATION III (SOC211)

Credit: 1.0 World History Requirement

Qualifier: CADR COURSE, CiHS, NCAA, COLLEGE CREDIT

Length: 1 Trimester block class (1.0 Credit)

Grade Level: 10

Pre-Requisite: Successful completion of English 9 or Pre-AP English 9.

Examines world societies from roughly the 18th century to the present. Emphasizes societal interactions in the global theater, ideological and technological developments, and transitions of various cultures. This is a fast-paced College in the High School (CiHS) course that is taught at a college level. Students earning credit in this class can concurrently earn college credit (SPSC World Civilization II).

UNITED STATES HISTORY (SOC301)

Credit: U.S. History Requirement

Qualifier: CADR COURSE, NCAA

Length: 2 Trimester (1.0 Credit)

Grade Level: 11

U.S. History identifies and analyzes major issues, movements, people, and events in the U.S. from 1870 to the present. An understanding of the politics, economics, geography, and history of this country are emphasized.

ADVANCED PLACEMENT (AP) UNITED STATES HISTORY (SOC311)

Credit: 1.0 World History Requirement AND 0.5 Social

Qualifier: CADR COURSE, ADV PLACEMENT, NCAA, COLLEGE

Studies Elective

CREDIT

Length: 3 Trimester (1.5 Credit)

Grade Level: 11

Co-Requisite: Concurrent Enrollment in grade-level or higher English course.

AP U.S. History covers American history, geography, economics and politics from Pre-Columbian to present. Emphasis is placed on critical thinking skills, essay writing and interpretation of original documents. Class expectations include considerable homework. Students taking this course are encouraged to take the Advanced Placement U.S. History exam in May for college credit.

CIVICS (SOC401)

Credit: CIVICS Requirement

Qualifier: CADR COURSE, NCAA

Length: 1 Trimester (0.5 Credit)

Grade Level: 12

This course will focus on the concepts of federal, state, and local government organization and procedures. Included are rights and responsibilities of citizens and current and electoral issues, including elections, ballot measures, initiatives, and referenda.

ADVANCED PLACEMENT (AP) GOVERNMENT & POLITICS (SOC411)

Credit: .5 Civics Requirement AND .5 Elective AND .5 Social

Qualifier: CADR COURSE, ADV PLACEMENT, NCAA, COLLEGE

Studies Elective

CREDIT

Length: 3 Trimesters (1.5 Credit)

Grade Level: 12

Co-Requisite: Concurrent Enrollment in grade-level or higher English course.

AP U.S. Government and Politics is a course that provides an analytical perspective on government and politics in the United States. Emphasis is placed on critical thinking skills, essay writing and interpretation of original documents. Class expectations include considerable homework and informed participation in discussion. Students taking this course are encouraged to take the Advanced Placement U.S. Government and Politics exam in May for college credit.

WOMEN'S STUDIES (SOC221)

Credit: Social Studies or General Elective

Qualifier: CADR COURSE, NCAA

Length: 1 Trimester (0.5 Credit)

Grade Level: 10, 11, 12

This course examines the contributions of women in American history from 1900 to the present, with a greater focus on current events. Topics include the 20th century feminist movement and examination of ongoing issues relevant to women in American society.

SOCIOLOGY (SOC223)

Credit: Social Studies or General Elective

Qualifier: CADR COURSE, NCAA

Length: 1 Trimester (0.5 Credit)

Grade Level: 10, 11, 12

Sociology is a scientific approach to understanding the patterns, conflicts, and symbols that guide social life. The class explores culture, social inequality, social institutions, social change, and how they each connect to lives of students.

MUSIC HISTORY & APPRECIATION (MUS101)

Credit: Social Studies or General Elective or Fine Arts

Qualifier: CADR COURSE

Length: 1 Trimester (0.5 Credit)

Grade Level: 10, 11, 12

This course provides students an opportunity to study music through the art of listening. Students will learn to discern between genres from early music forms to modern popular styles. This course includes a study of Western music history and music's relationship to the human experience through different historic periods. Included are basic elements and terminology of music, important instrumental and vocal music forms, and the instruments of common musical ensembles. Attending several live music concerts is a requirement of this course.

HISTORY THROUGH FILM (SOC222)

Credit: Social Studies or General Elective

Length: 1 Trimester (0.5 Credit)

Qualifier: CADR COURSE

Grade Level: 10, 11, 12

This course uses films as a method of analyzing major events and processes in both American and world history. Students will also explore the major elements of film including genres, narrative, and cinematography. The course will demand composition work, honing student writing skills as they write reaction and analysis papers to films viewed in class.

NATIVE STUDIES (SOC121)

Credit: Social Studies Elective or Elective

Length: 1 Trimester (0.5 Credit)

Qualifier: CADR COURSE

Grade Level: 9, 10, 11, 12

An in-depth examination of Indigenous American (American Indian) history and culture. All regions of North America will be included. Past and present issues will be addressed.

PSYCHOLOGY I (SOC224)

Credit: Social Studies Elective or Elective

Length: 1 Trimester (0.5 Credit)

Qualifier: CADR COURSE, NCAA

Grade Level: 10, 11, 12

Psychology I is an introduction to the classical theories of psychology and psychological methods. Students will study the structure and function of different areas of the brain, as well as motivation and emotion, classical and operant learning (conditioning), and memory. The class will also have a major emphasis on the development of people from birth to death.

PSYCHOLOGY II (SOC225)

Credit: Social Studies Elective or Elective

Length: 1 Trimester (0.5 Credit)

Qualifier: CADR COURSE, NCAA

Grade Level: 10, 11, 12

Psychology II is designed for students that want to continue with a deeper appreciation of psychology. Students will study sex and gender, sensation and perception, psychological disorders, therapy and treatments, as well as a case study on human development.

ADVANCED PLACEMENT PSYCHOLOGY (SOC331)

Credit: .5 Social Studies Elective AND 1.0 Elective

Length: 3 Trimester (1.5 Credit)

Qualifier: CADR COURSE, AP, NCAA, COLLEGE CREDIT

Grade Level: 10, 11, 12

Co-Requisite: Concurrent Enrollment in grade-level or higher English course.

Now open to sophomores, juniors, and seniors! This course is a college level introduction to psychology in which students will be introduced to the systematic and scientific study of human behavior and mental processes. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. Students will be expected to complete multiple research projects.

BUSINESS LAW (SOC220)

Credit: CTE and/or Social Studies Elective and/or Elective

Length: 1 Trimester (.5 Credit)

Qualifier: CTE COURSE

Grade Level: 10, 11, 12

Co-requisite (10th Grade): English 10 or Pre-AP English 10

This course is an introduction to law that can be applied to both your personal and professional life. Students will study legal ethics, classification of crimes, torts, contracts and learn trial procedures. Students will also go on field trips to the courthouse to observe civil and criminal trials as well as a field trip to the State Patrol Academy to learn about law enforcement.

PERFORMING & VISUAL ARTS COURSES

CONCERT CHOIR (MUS001)

Credit: Fine Arts or Elective

Qualifier: CADR COURSE

Length: 1-3 Trimester (up to 1.5 Credits)

Grade Level: 9, 10, 11, 12

NO SINGING EXPERIENCE REQUIRED! Concert Choir is a non-auditioned, large ensemble open to all 9-12 grade students who want to learn to sing and perform in a variety of vocal styles. Concert Choir performs at most regularly scheduled school choir concerts. There will be required evening performances about once a trimester. This course may be repeated for credit.

HONORS JAZZ CHOIR (ILLUSIONS) (MUS220)

Credit: Fine Arts or Elective

Qualifier: CADR COURSE, HONORS

Length: 2-3 Trimesters (1.0-1.5 Credits)

Grade Level: 9, 10, 11, 12

Pre-Requisite: AUDITION ONLY

Honors Jazz Choir / Illusions is an auditioned, vocal jazz ensemble consisting of singers and an instrumental rhythm section. Ensemble members are required to attend all performances and must display a strong commitment to the ensemble and to participation in the group for two consecutive trimesters. This course may be repeated for credit

HONORS CHOIR (CHAMBER SINGERS) (MUS211)

Credit: Fine Arts or Elective

Qualifier: CADR COURSE, HONORS

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-Requisite: AUDITION ONLY

Chamber Singers is a select, mixed ensemble, focused on advanced chamber and a cappella repertoire from a variety of stylistic periods. It is a rehearsal and performance intense ensemble with extra out-of-class rehearsals and numerous community performances (particularly during early-December). This choir will compete in regional choral contests and may travel in the Spring Semester. Members must display a strong commitment to this ensemble, participating in the choir for the entire school year. This course may be repeated for credit.

(AFTER SCHOOL) THE SHADES (MUS223)

Credit: Fine Arts or Elective

Qualifier: CADR COURSE, ZERO PERIOD

Length: 2 Trimesters (1.0 Credit) 2nd and 3rd Trimester

Grade Level: 9, 10, 11, 12

The Shades is a non-auditioned vocal ensemble that meets after school three times weekly for the entire school year. This is a training choir for tenors and basses which will emphasize proper singing technique, music theory, music history, and ensemble singing. Evening performances are required. This course may be repeated for credit.

CONCERT BAND (MUS121)

Credit: Fine Arts or Elective

Qualifier: CADR COURSE

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-Requisite: Instructor Approval or 2 years formal training or Grade Level proficiency.

This course will focus on individual instrument pedagogy through the practice and performance of traditional concert band repertoire. Students will increase their instrumental technical skills through the instruction of basic scales, music theory, and beginning composition. This class meets daily and performance at many events (both at home and across the state) are required as part of the curriculum. The Concert Band promotes community enrichment at SHS varsity football and basketball games, parades and concert venues throughout the Northwest. Traveling is a requirement of the course. This class has uniform requirements. Some after-school rehearsals and sectionals should be expected. Fundraising opportunities will be provided. This course may be repeated for credit.

(BEFORE SCHOOL) JAZZ BAND (MUS161)

Credit: Fine Arts or Elective

Qualifier: CADR COURSE, ZERO PERIOD

Length: 2 Trimesters (1.0 Credit)

Grade Level: 9, 10, 11, 12

Pre-Requisite: Concurrent enrollment in a SHS performing ensemble, audition, or instructor approval.

This class will supplement musical skills learned in the concert band with the study of various stylistic skills in the performance of traditional and contemporary jazz ensemble music. This class meets before school at 6:30 a.m. Performance at many events (both home and across the state) are required as a part of the curriculum. Traveling is a requirement of the course. This class has uniform requirements. Fundraising opportunities will be provided. This course may be repeated for credit. This course may be offered for a 3rd trimester based on demand.

PERCUSSION (MUS124)

Credit: Fine Arts or Elective

Length: 3 Trimesters (1.5 Credit)

Qualifier: CADR COURSE

Grade Level: 9, 10, 11, 12

Pre-Requisite: Instructor Approval or 2 years formal training or Grade Level proficiency.

This class will supplement musical skills learned in the concert band with the study of various stylistic skills in the performance of traditional and contemporary jazz ensemble music. This class meets before school at 6:30 a.m. Performance at many events (both home and across the state) are required as a part of the curriculum. Traveling is a requirement of the course. This class has uniform requirements. Fundraising opportunities will be provided. This course may be repeated for credit.

WIND ENSEMBLE (MUS130)

Credit: Fine Arts or Elective

Length: 3 Trimesters (1.5 Credit)

Qualifier: CADR COURSE

Grade Level: 9, 10, 11, 12

Pre-Requisite: AUDITION ONLY.

Wind Ensemble challenges students to perform at their highest level of ability. Wind Ensemble students combine with Concert Band students to perform at varsity football and basketball games, as well as community parades. Traveling is a requirement of the course. Some after school rehearsals and sectionals will be expected. This class has uniform requirements. Fundraising opportunities will be provided. This course may be repeated for credit.

GUITAR I (MUS118)

Credit: Fine Arts or Elective

Length: 1 Trimester (0.5 Credit)

Qualifier: CADR COURSE

Grade Level: 9, 10, 11, 12

Guitar I covers the basics of the guitar and an application of essential music fundamentals. Students will learn the basics of playing guitar at a beginning level through studying music notation, chord symbols, and peer modeling. A brief history of the guitar, along with a study of its respective musical styles will also be covered in this course. Students are expected to use their own acoustic guitar for class.

GUITAR II (MUS119)

Credit: Fine Arts or Elective

Length: 1 Trimester (0.5 Credit)

Qualifier: CADR COURSE

Grade Level: 9, 10, 11, 12

Pre-Requisite: Guitar I or Instructor Approval

Guitar II will continue covering the basics of the guitar and an application of essential music fundamentals. Students will learn the basics of playing guitar at an advanced level through studying music notation, chord symbols, and peer modeling. A brief history of the guitar, along with a study of its respective musical styles will also be covered in this course. Students are expected to use their own acoustic guitar for class.

(AFTER SCHOOL) INTRO TO MUSICAL THEATER (MUS111)

Credit: Fine Arts or Elective

Length: 1 Trimester (0.5 Credit)

Qualifier: CADR COURSE, EVENING COURSE

Grade Level: 9, 10, 11, 12

****This class is an afterschool class and will meet twice weekly for long rehearsals.**

Introduction to Musical Theater introduces the students to the dynamic world of musical theatre through song analysis and acting the song, class exercises for the body and the voice, and with an overall emphasis on performance. This class is designed to train students in musical performance through individual and collective class work on songs and scenes, with the final product being the annual NIGHT OF MUSICAL THEATER showcase. This course may be repeated for credit.

MUSIC HISTORY & APPRECIATION (MUS101)

Credit: Social Studies or General Elective or Fine Arts

Length: 1 Trimester (0.5 Credit)

Qualifier: CADR COURSE

Grade Level: 10, 11, 12

Music Appreciation provides students the opportunity to study music through the art of listening. Students will learn to discern between genres from early music forms to modern popular styles. This course includes a study of the basic elements and terminology of music, important instrumental and vocal music forms, and the instruments of common musical ensembles. Students will attend evening concerts a few times per term.

INTRODUCTION TO THEATER (THE101, THE102, THE103)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CADR COURSE, CTE COURSE

Length: 1-3 Trimesters (up to 1.5 Credits)

Grade Level: 9, 10, 11, 12

See the magic! Students will learn about the history and practice of theater, with an emphasis in acting, playwriting, and critiquing performances. Students will also explore career pathways in the Performing Arts & Entertainment, learn a wide range of industry terms & concepts, and earn Industry Recognized Certifications in Professional Soft Skills to add to their resume. This course is offered in (3) parts: student must take at least (2) trimesters of Intro to Theater before they can progress to Advanced Theater.

ADVANCED THEATER (THE201, THE202, THE203)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CADR COURSE, CTE COURSE

Length: 1-3 Trimesters (up to 1.5 Credits)

Grade Level: 10, 11, 12

Pre-Requisite: Introduction to Theater

Create the magic! Students will continue to learn about theater with a greater emphasis in creating, producing, and performing for live audiences and on film, including performing and designing. Students will review and enhance their Industry Recognized Certifications (required annually), and further develop their creative and critical thinking skills through work in the Performing Arts & Entertainment. In addition to their resumes, students will begin to develop artist portfolios to document their creative work and experiences. This course is offered in (3) parts; students must take at least (2) trimesters of Intro to Theater before they can progress to Advanced Theater.

3-D ART (ART100)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CADR COURSE, CTE COURSE

Length: 1 Trimester (0.5 Credit)

Grade Level: 9, 10, 11, 12

The ability to represent our ideas visually is a useful and valuable skill of communication, applicable to many fields and aspects of our lives. This course is designed to introduce students to fundamental art and design skills that will allow them to create works that communicate ideas, effectively express an intended tone and meaning, and apply techniques that can help them do so powerfully. This course introduces three-dimensional art and includes wire sculpture, carving, mold making and other projects. Students will explore a variety of sculpture techniques and mediums while continuing to consider creative expression, form, and the elements and principles of art and design.

ART I (ART101)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CADR COURSE, CTE COURSE

Length: 1 Trimester (0.5 Credit)

Grade Level: 9, 10, 11, 12

What is art? What is good art? What makes art powerful? Meaningful? Effective? The ability to represent our ideas visually is a useful and valuable skill of communication, applicable to many fields and aspects of our lives. This course is designed to introduce students to fundamental art and design skills that will allow them to create works that communicate ideas, effectively express an intended tone and meaning, and apply techniques that can help them do so powerfully. Students will learn basic tools of composition- the Elements & Principles of art and design, and projects and assignments in this class will provide students with practice in applying these tools to create, understand, and present art. This course also introduces managing and marketing artistic skills and products, explores the different career paths in the arts, and considers the versatile applications of visual literacy, an understanding of composition, and artistic skills in many fields.

ART II (ART102)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CADR COURSE, CTE COURSE

Length: 1 Trimester (0.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-requisite: Art I

This course expands upon skills and knowledge gained in Art 1 with further and deeper application of the Elements and Principles of art and design. This course is designed to advance students' knowledge of fundamental art and design skills that allow them to create works that communicate ideas, effectively express intended tone and meaning, and apply techniques that can help them do so powerfully. Students will explore various mediums including charcoal, graphite, acrylic paint, ink and printmaking to develop a body of work and professional portfolio. This course also introduces managing and marketing artistic skills and products, explores the different career paths in the arts, and considers the versatile applications of visual literacy, an understanding of composition, and artistic skills in many fields.

ART III (ART103)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CADR COURSE, CTE COURSE

Length: 1 Trimester (0.5 Credit)

Grade Level: 10, 11, 12

Pre-requisite: Art II

This course expands upon skills and knowledge gained in Art 2 with further and deeper application of the Elements and Principles of art and design. This course is designed to advance students' knowledge of fundamental art and design skills that allow them to create works that communicate ideas, effectively express intended tone and meaning, and apply techniques that can help them do so powerfully. Students will explore various mediums including charcoal, graphite, acrylic paint, ink and printmaking to develop a body of work and professional portfolio. This course also introduces managing and marketing artistic skills and products, explores the different career paths in the arts, and considers the versatile applications of visual literacy, an understanding of composition, and artistic skills in many fields.

CERAMICS I (ART104)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CADR COURSE, CTE COURSE

Length: 1 Trimester (0.5 Credit)

Grade Level: 9, 10, 11, 12

The purpose of this course is to introduce students to the elements and principles of three-dimensional clay design. This will be accomplished by using elements and principles of design. Focusing on form, shape, texture, and space throughout the class. This will be accomplished with the use of hand building clay projects. Techniques that will be used are pinch, low relief, coil, slab construction methods. Students will focus on developing sculptures that can be used in a natural setting, specifically garden sculpture and celebrating nature. Students will use CTSO lessons weekly and will learn to develop a business and market their work.

CERAMICS II (ART105)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CADR COURSE, CTE COURSE

Length: 1 Trimester (0.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-requisite: Ceramics I (Previously called Sculpture I)

The purpose of this course is to introduce students to the elements and principles of three-dimensional clay design. This will be accomplished by using elements and principles of design. Focusing on form, shape, texture, and space throughout the class. This will be accomplished with the use of hand building clay projects. Techniques that will be used are pinch, low relief, coil, slab construction methods. Students will focus on developing sculptures that can be used in a natural setting, specifically garden sculpture and celebrating nature. Students will use CTSO lessons weekly and will learn to develop a business and market their work.

CERAMICS III (ART106)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CADR COURSE, CTE COURSE

Length: 1 Trimester (0.5 Credit)

Grade Level: 10, 11, 12

Pre-requisite: Ceramics II (Previously called Sculpture II)

The purpose of this course is for students to use the elements and principles of three-dimensional clay design. This will be accomplished by using elements and principles of design. Projects will be student driven with the use of hand building and throwing on the wheel clay projects. The class will provide students with fundamental knowledge for creating, understanding, and function of art. Students will focus on developing sculptures that can be used in a natural setting, specifically garden sculpture and celebrating nature. Students will use CTSO lessons weekly and will learn to develop a business and market their work.

METAL ARTS I (ART107)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CADR COURSE, CTE COURSE

Length: 1 Trimester (0.5 Credit)

Grade Level: 9, 10, 11, 12

In this class, we go over the general principles of design as they relate to jewelry and fine metalworking. You'll learn about the golden ratio, positive and negative space, focal points, symmetry and asymmetry, color theory, and balance- visually as well as physically! In addition to understanding these key principles, we will also go into some of the important questions to ask yourself when you design with metals: What is the purpose of design? How does that translate into the practical function of your creation- weight, gauges, materials, durability, ease of use. Students will learn properties of nonferrous metals like copper, brass, and silver and try their hand at making their own pieces. We will cover workshop safety, sawing, filing, sanding, texturing, forging, annealing, soldering, polishing and finishing, using hand and power tools, and formal presentation of products. Part of this course will delve into team-working skills considerations for entrepreneurship and professional craftsmanship, branding and marketing. We will also practice the basics of product photography and photo editing. Whatever your path is, you will learn things in this class that you can put to use in many pursuits and improve your confidence and skill at designing!

METAL ARTS II (ART108)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CADR COURSE, CTE COURSE

Length: 2 Trimester (1.0 Credit)

Grade Level: 9, 10, 11, 12

Pre-requisite: Metal Arts I (Previously called Metal/Jewelry Design)

In this class, we more deeply explore the general principles of design covered in Metal Arts I, and practice fluency in being able to apply them in our own creations, as well as decipher and analyze them in other works. We will work on more advanced projects and techniques, develop a cohesive "brand" and product line, and prepare a professionally presentable portfolio of works that would be used to market and display jewelry and metal art. We will cover workshop safety, sawing, filing, sanding, texturing, forging, annealing, soldering, polishing and finishing, using hand and power tools, and formal presentation of products. And we will delve more deeply into team-working skills, considerations for entrepreneurship and professional craftsmanship, branding and product photography and editing. Whatever your path is, you will learn things in this class that you can put to use in many pursuits and improve your confidence and skill at designing!

DIGITAL PHOTOGRAPHY (TEC201)

Credit: Fine Arts and/or CTE and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 9, 10, 11, 12

This is an introductory course that is designed to teach students how to use industry standard digital editing software, computer hardware, and a digital camera. Instruction will be given in design, composition, on-location and studio photography, as well as career and business elements. College credit may be available.

INTRO TO CAD (COMPUTER AIDED DESIGN) (M EGRO)

Credit: CTE or Visual Arts or Elective

Qualifier: CTE DUAL CREDIT

Length: 1 Trimester (.5 Credit)

Grade Level: 10, 11, 12

Co-Requisite: Construction I, for 10th Grade students choosing Construction Pathway. Welding I, for 10th Grade students choosing Welding Pathway.

Academy: Manufacturing, Engineering, & Technology (MET)

Exploratory/Pathway: MET Construction Pathway and MET Engineering Pathway

Do you like 3D printers and laser engraving? Interested in Mechanical Engineering or Architecture? If the answer is yes, sign up for Intro to CAD. You will make 2D and 3D models using apps like AutoCAD and Sketchup. AutoCAD will help you make precise drawings that can be used for laser engraving. Sketchup will allow you to design buildings like houses, stadiums, and any other structure you can imagine!

ENTERTAINMENT PRODUCTIONS (B ENT8)

Credit: CTE and/or Fine Arts and/or Elective

Length: 2 Trimesters (1.0 Credit)

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Entertainment Production Pathway

This is a student led, project-based class giving students many hours of hands-on experience making media. Students will take on different production roles in projects ranging from songwriting and podcast recording to video editing, 3D graphics and more. Students will use industry standard planning software and techniques to propose, plan, and execute these projects. Students will also learn how to use online publishing tools such as wordpress and bandcamp for marketing their works and building portfolios for future use. Students will be able to earn industry recognized certifications and gain leaderships skills to help prepare them for their next career steps.

Qualifier: CADR COURSE, CTE DUAL CREDIT

Grade Level: 10, 11, 12

PUBLICATIONS (YEARBOOK) (TEC401)

Credit: Fine Arts and/or CTE and/or Elective

Length: 3 Trimesters (1.5 Credit)

Pre-requisite: Previous experience with Multimedia, Video Productions, Photography, or Instructor Approval.

Students in this course will construct the Shelton High School yearbook. Students will be engaged in every step of building next year's book. Students will design the cover, page templates, photograph various school events, and organize the sale and distribution of the yearbook. This class is a full school year commitment.

Qualifier: CTE DUAL CREDIT

Grade Level: 10, 11, 12

BROADCASTING (TEC301)

Credit: Fine Arts and/or CTE and/or Elective

Length: 3 Trimesters (1.5 Credit)

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Entertainment Production Pathway

The Radio/Television Digital Media Program focuses on Video, Audio and Social Media presentation. The goal of the program is to give each student an overall working knowledge of how to tell a story electronically. Creating and developing ideas and materials for broadcast. Problems of timing, pacing, visualization, and expression. The terminology, practices, and aesthetic considerations of visual and sound productions. Principles of producing, staging, shot composition, directing, blocking, graphics, studio techniques, and lighting, for television, and social media.

Qualifier: CTE DUAL CREDIT

Grade Level: 10, 11, 12

(AFTER SCHOOL) STAGECRAFT LABS (B ENT3, B ENT4, B ENT5)

Credit: Fine Arts and/or CTE and/or Elective

Length: 1 Trimester (.5 Credit), may take each trimester

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Entertainment Production Pathway

This class meets after school two days a week (two two-hour classes) and at miscellaneous theatre, music, and community events. This Lab is a "hands on" class. Included in this class are set design, stage lighting, theatrical sound, special effects, set construction, scene painting and much more. Participation at all events held in the SSD Performing Arts Center is a requirement for this class. There are some evening and weekend events. This class may be repeated for credit.

Qualifier: CTE COURSE

Grade Level: 10, 11, 12

WORLD LANGUAGES COURSES

GERMAN I (LAN311)

Credit: World Languages or Elective

Qualifier: CADR COURSE, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 9, 10, 11, 12

Recommended: Grade level or higher reading for student success

Want to be different? Dive into the world of German, which is an international language and important for business in Europe and around the world. In this beginning course students develop the basic communication skills of listening, speaking, reading, and writing. Enjoy learning not only the language but also about cultural traditions and festivities to understand the German-speaking world.

GERMAN II (LAN321)

Credit: World Languages or Elective

Qualifier: CADR COURSE, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10, 11, 12

Pre-Requisite: German I

Students continue to build on the skills from first year by listening, speaking, reading, and writing in German as well as the study of the culture.

GERMAN III (LAN331)

Credit: World Languages or Elective

Qualifier: CADR COURSE, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 11, 12

Pre-Requisite: German II

This advanced course will refine and expand speaking, comprehension, reading and writing skills as well as enriching cultural knowledge.

SPANISH I (LAN411)

Credit: World Languages or Elective

Qualifier: CADR COURSE, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 9, 10, 11, 12

Recommended: Grade level or higher reading for student success

Have you always wanted to learn a new language? Challenge yourself and have fun at the same time by learning Spanish-- the second most spoken language in the United States. In first year Spanish, you'll learn pronunciation, vocabulary, basic grammar and "un poco de" culture.

SPANISH II (LAN421)

Credit: World Languages or Elective

Qualifier: CADR COURSE, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10, 11, 12

Pre-Requisite: Spanish I

Students continue to build on the skills from first year by speaking, reading, and writing. Improve your language skills in second year Spanish where students get to listen, speak, read, and write the new language. The study of culture is continued and there is a somewhat greater emphasis on grammar.

SPANISH III (LAN431)

Credit: World Languages or Elective

Qualifier: CADR COURSE, NCAA

Length: 2 Trimesters (1.0 Credit)

Grade Level: 11, 12

Pre-Requisite: Spanish II

This advanced course will expand your Spanish speaking, reading and writing skills as well as enrich your knowledge of Spanish speaking cultures. The course will teach real life use of Spanish and demand considerable time and work.

LITERATURA DE LATINOAMERICA (LAN470)

Credit: World Languages or Elective

Grade Level: 9, 10, 11, 12

Length: 2 Trimesters (1.0 Credit)

Pre-Requisite: Spanish III with letter grade B or higher, or heritage speaker with equivalent proficiency.

This course is a survey and exploration of literature from Spain and Latin America. The course will be taught largely in Spanish, and all the readings are in Spanish. It will give students who have some knowledge of Spanish culture a chance to expand their reading and writing skills, while at the same time learning about the history and culture of Latin America through its literature. Students will progress in the development of the four language skills, while deepening their insight into Hispanic culture through exposure to works by modern writers of the Spanish-speaking world.

AMERICAN SIGN LANGUAGE I (LAN111)

Credit: CTE and/or World Languages and/or Elective **Qualifier:** NCAA, CTE COURSE

Length: 2 Trimesters (1.0 Credit) **Grade Level:** 9, 10, 11, 12

An introduction to American Sign Language (ASL) develops visual and spatial awareness through the use of ASL vocabulary, grammar usage, expressive and receptive skills. Students will also learn about deaf history and deaf culture. Everyday conversation is the centerpiece of every lesson. Active participation by the student is an essential part of the course. This class will progress to approximately 80% immersed in ASL with no voicing by the end of the term. Students will learn about and develop a connection with the Deaf community. Students will have the opportunity to participate in leadership and club opportunities.

AMERICAN SIGN LANGUAGE II (LAN121)

Credit: CTE and/or World Languages and/or Elective **Qualifier:** NCAA, CTE COURSE

Length: 2 Trimesters (1.0 Credit) **Grade Level:** 10, 11, 12

Pre-Requisite: Successful completion of American Sign Language I or Instructor Approval.

This course is a continuation of ASL I and emphasizes the continuing development and reinforcement of expressive signing skills, receptive signing skills, and knowledge of Deaf culture. Active participation by the student is an essential part of the course. ASL is the exclusive language of the classroom. Students will do ASL presentations in class, academic research, reaction papers, and observe ASL being used outside of the classroom. Students will have the opportunity to participate in leadership and club opportunities.

AMERICAN SIGN LANGUAGE III (LAN131)

Credit: CTE and/or World Languages and/or Elective **Qualifier:** NCAA, CTE COURSE

Length: 2 Trimesters (1.0 Credit) **Grade Level:** 11, 12

Pre-Requisite: Successful completion of American Sign Language II or Instructor Approval.

This course expands ASL vocabulary with more emphasis on receptive and expressive skills, fluency, and practicing Signing in the community. This course includes introduction to the interpreting process, working on sign-to-voice interpreting and exposure to voice-to-sign interpreting. This course also prepares the student to take the practice interpreting tests through RID (Registry of Interpreters with the Deaf) or other language testing options available such as ASLPI or industry related tests.

PHYSICAL EDUCATION COURSES

BEGINNING SWIMMING (PE201)

Credit: Physical Education or Elective

Length: 1 Trimester (.5 Credit) **Grade Level:** 9, 10, 11, 12

This course is for those students who have had little beginning and/or intermediate swimming instruction and need to work on improving and learning swimming skills. Diving skills and physical conditioning will be included in the class.

9TH GRADE INTERMEDIATE SWIMMING (PE204)

Credit: Physical Education or Elective

Length: 3 Trimesters (1.5 Credit) **Grade Level:** 9

Pre-Requisite: Pass Beginning Swimming with a B or higher and strong swimming skills or Instructor approval.

More advanced swimming techniques, moderate to intense swim conditioning, and an introduction to the game of water polo.

INTERMEDIATE/ADVANCED SWIMMING (PE207)

Credit: Physical Education or Elective

Length: 1 Trimester (.5 Credits) **Grade Level:** 10, 11, 12

Pre-Requisite: Strong swimming skills.

This class is for the advanced swimmer. Focus will be on improving swimming techniques and will include daily moderate to intense swim conditioning, with an introduction to the game of water polo. This course may be repeated for credit.

RECREATIONAL SWIMMING (PE210)

Credit: Physical Education or Elective

Length: 1 Trimester (.5 Credit)

Grade Level: 10, 11, 12

This class is more for the recreational swimmer who already has some knowledge of basic swimming strokes but wants some other swimming activities as well.

TEACHING KIDS TO SWIM (PE213)

Credit: Physical Education or Elective

Length: 1 Trimester (.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-Requisite: Intermediate/Advanced Swimming and Instructor Permission.

Students must be reliable and responsible and enjoy working with young children. The first three weeks of class, students will learn how to teach basic swimming skills to elementary students. The remainder of the trimester, students will teach swimming to second and third grade students. High school students successfully completing this course may take the WSI certification test. Instructor permission based upon excellent attendance, acceptable disciplinary record, willingness to be in the water every day. Swimming ability will be reviewed.

PHYSICAL EDUCATION (PE101)

Credit: Physical Education or Elective

Length: 1 Trimester (.5 Credit)

Grade Level: 9, 10, 11, 12

Students in this course will experience a wide range of games and activities to enjoy lifelong fitness and health. Students will also get the opportunity to improve fitness levels with various fitness activities while creating a personal fitness plan!

HEALTH (HMS000)

Credit: CTE and/or Elective

Length: 1 Trimester (.5 Credit)

Qualifier: CTE COURSE

Grade Level: 10, 11, 12

Increase your understanding of physical, social, emotional and the mental aspects that relate to your well-being. Take an active role in developing a healthy lifestyle for yourself. Participate in interactive lessons, class discussions, simulations, and guest speaker presentations to help you answer personal questions about stress management, mental health, relationships, human sexuality, substance abuse, and goal setting. ****Graduation Requirement**

YOGA+ (PE121)

Credit: Physical Education or Elective

Length: 1 Trimester (.5 Credit)

Grade Level: 9, 10, 11, 12

Yoga is the practice of linking breath to movement through a sequence of poses that promote flexibility, core strength, balance, posture, injury prevention, and fitness. It is beneficial to athletes and non-athletes alike. It also promotes mental focus, anxiety management, increased self-esteem, positive body image, and overall well-being. **This class will have a yoga focus with some added fitness activities to enhance the experience.**

WEIGHT TRAINING (PE131)

Credit: Physical Education or Elective

Length: 1 Trimester (.5 Credit)

Grade Level: 9, 10, 11, 12

This class is for any student who is not involved in athletics but still wants to learn how to lift or continue to lift safely. This weight training class reinforces safe lifting techniques and how to design a personal, effective strength program for students from beginning lifters to more advanced lifters. Students will also have access to our outstanding PLT4M training program. By the end of this class, a student should feel comfortable in any weight room or fitness club to pursue their lifetime fitness goals.

ATHLETIC WEIGHT TRAINING (PE141, PE142, PE143)

Credit: Physical Education or Elective

Length: 1-3 Trimesters (.5-1.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-Requisite: Has participated in or plans to participate in a fall sport at Shelton High School.

This sport specific class is targeted at our athletes and will use a combination of weights, plyometrics, speed and agility drills with strength and endurance training to help athletes develop a sound conditioning base to improve their performance on the field, the court, the golf course or the track. This class is for juniors and seniors while freshmen and sophomores will be put in as many sections as possible. Students who participate in multiple sport seasons must decide their primary sport and enroll in the season for that primary sport. Students can repeat for credit for up to 3 trimesters during the year.

(BEFORE SCHOOL) ATHLETIC WEIGHT TRAINING (PE147)

Credit: Physical Education or Elective

Length: 1-3 Trimesters (.5-1.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-Requisite: Has participated in or plans to participate in a fall sport at Shelton High School.

This sport specific class is targeted at our athletes and will use a combination of weights, plyometrics, speed and agility drills with strength and endurance training to help athletes develop a sound conditioning base to improve their performance on the field, the court, the golf course or the track. This class is for juniors and seniors while freshmen and sophomores will be put in as many sections as possible. Students who participate in multiple sport seasons must decide their primary sport and enroll in the season for that primary sport. Students can repeat for credit for up to 3 trimesters during the year. This is class is a zero hour class and students meet before school starts. No transportation is provided to school for this class.

FOOTBALL ATHLETIC WEIGHT TRAINING (PE144)

Credit: Physical Education or Elective

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-Requisite: Has participated in or plans to participate in a fall sport at Shelton High School. Students with constricted schedules may be scheduled less than 3 trimesters.

This sport specific class is targeted at our athletes and will use a combination of weights, plyometrics, speed and agility drills with strength and endurance training to help athletes develop a sound conditioning base to improve their performance on the field, the court, the golf course or the track. This class is a yearlong class for juniors and seniors while freshmen and sophomores will be put in as many sections as possible. Students who participate in multiple sport seasons must decide their primary sport and enroll in the season for that primary sport.

ELECTIVE COURSES

LEADERSHIP (LEAD01)

Credit: Elective

Length: 1-3 Trimesters (0.5-1.5 Credits)

Grade Level: 9, 10, 11, 12

Pre-Requisite: Students must apply and be accepted into this class.

This course is open to students of all grades. However, it is expected that ASB Officers enroll in this course at least one trimester during the year that they are serving their ASB role. Students in this class will gain the knowledge, skills and experience needed to develop their leadership strengths. Throughout this class, students will be expected to apply their leadership lessons to plan, organize, implement, promote and participate in school activities and community service projects. Students will need to be able to work effectively in a group and be able to speak at assemblies and participate in school spirit activities.

LEAP CREDIT RECOVERY (OLEAP1)

Credit: Elective

Length: 1-3 Trimesters (0.5-1.5 Credits)

Grade Level: 11, 12

Pre-Requisite: Students will be placed into this class by counselors only.

This course is designed to provide credit retrieval opportunities to qualifying juniors and seniors. Students must have received an F or NC in a class that is offered as a CR online option and required for graduation. Credits are earned for academic classes that are taken online. Students earn elective credit for the LEAP class by learning about and demonstrating professionalism and positive study skills. This is a counselor only scheduled class and students cannot self-select this course.

CAREER & TECHNICAL EDUCATION COURSES

CTE GENERAL ELECTIVE COURSES

COMPUTER SCIENCE ESSENTIALS (BUS201)

Credit: CTE and/or Elective

Qualifier: CTE COURSE, CTE DUAL CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 9, 10, 11, 12

Computer Science empowers students to become creators, instead of merely consumers of the technology all around them. This course will engage you in compelling, real-world challenges as you work with your classmates to design solutions. Learn computational thinking - not just how to code and become a better thinker and communicator. You will use this in-demand knowledge and skills set in any career path you choose. Content will be major topics, big ideas and computational thinking practices used by computing professionals to solve problems and create value for others.

INTRO TEXTILE MARKETPLACE (FCS103)

Credit: CTE and/or Elective

Qualifier: CTE COURSE

Length: 1 Trimester (0.5 Credit)

Grade Level: 9, 10, 11, 12

Want to create a personalized hoodie? Or design the new decal everyone sticks to their water bottles and cars? How about using a computerized embroidery machine to add logos to hats, jackets, and more? Let your creativity climb to new heights in this hands-on introduction to the textile makerspace. Learn how to operate a heat press, computerized embroidery machine, vinyl plotter, sewing machine and more, to produce personalized apparel through garment decorating. Gain introductory sewing skills, produce vinyl stickers and signs, and learn to draw fashion sketches all while having fun!

ADVANCED TEXTILE MARKETPLACE (FCS104)

Credit: CTE and/or Elective

Qualifier: CTE COURSE

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10, 11, 12

Pre-requisite: Intro to Textile Marketplace

Imagine seeing the crowd at a home game wearing the shirt or hat you created, walking through the parking lot and spotting the window decals you made, or your teacher wearing a shirt you embroidered! Put your creative skills to work producing spirit wear for Shelton High School or Shelton School District, take orders from clients and make personalized items for sports teams, clubs, and community businesses. *Pre-Requisite: Intro Textile Makerspace or Textiles and apparel.*

(AFTER SCHOOL) WORK EXPERIENCE (MANUALLY SCHEDULED)

Credit: CTE and/or Elective

Qualifier: CTE COURSE

Length: 1 Trimester (0.25 and/or 0.5 Credit)

Grade Level: 11, 12

Pre-requisite: Suitable employment, instructor permission, and completion or concurrent enrollment in a CTE Course.

Are you working after school? Would you like to earn elective credit for that job? Students with appropriate employment and that complete all required paperwork could be eligible to earn elective credit for their job. Satisfactory grades must be maintained in classes during participation. Required orientation takes place the first week of each trimester or in a meeting with the coordinator. An evaluation by the coordinator will take place at the job site with your employer. Students must document and provide all hours worked (180 minimum) to receive 0.5 elective credit per trimester. This course may be repeated for additional elective credit. Student's day schedule may include Work Experience with approval.

TECH COMM (BUS101)

Credit: CTE and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 1 Trimester (0.5 Credit)

Grade Level: 9, 10, 11, 12

Tech Comm gives you an introduction to Microsoft in one trimester. Secondary education, most industries, and many occupations include the use of Microsoft Office applications. Students will receive a basic core-level understanding of the 2019 Microsoft Office Suite. The suite includes introductions to Word, Excel and PowerPoint.

BUSINESS COMMUNICATIONS (B BUS7)

Credit: CTE and/or English and/or Elective

Length: 1 Trimester (.5 Credit)

Co-requisite (10th Grade): English 10 or Pre-AP English 10

Academy: Health Science Academy (HSA)

Pathway: Human Services

Business English covers basic communication skills including punctuation, word usage, and the composition of business letters, reports, and memorandums, as well as professional communication skills. Students will also produce a resume and cover letter. The computer is used daily. This course can be taken as an English elective credit; however, it does not meet NCAA English requirements.

Qualifier: CTE DUAL CREDIT

Grade Level: 10, 11, 12

BUSINESS LAW (SOC220)

Credit: CTE and/or Social Studies Elective and/or Elective

Length: 1 Trimester (.5 Credit)

Co-requisite (10th Grade): English 10 or Pre-AP English 10

This course is an introduction to law that can be applied to both your personal and professional life. Students will study legal ethics, classification of crimes, torts, contracts and learn trial procedures. Students will also go on field trips to the courthouse to observe civil and criminal trials and a field trip to the State Patrol Academy to learn about law enforcement.

Qualifier: CTE COURSE

Grade Level: 10, 11, 12

PUBLICATIONS (YEARBOOK) (TEC202)

Credit: CTE and/or Fine Arts and/or Elective

Length: 3 Trimesters (1.5 Credit)

Pre-requisite: Previous experience with Multimedia, Video Productions, Photography, or Instructor Approval.

Students in this course will construct the Shelton High School yearbook. Students will be engaged in every step of building next year's book. Students will design the cover, page templates, photograph various school events, and organize the sale and distribution of the yearbook. This course may be repeated for credit. This class takes place 5th period and is a full school year commitment.

Qualifier: CTE DUAL CREDIT

Grade Level: 10, 11, 12

LIFE AFTER HIGH SCHOOL (FCS301)

Credit: CTE and/or Elective

Length: 1 Trimester (0.5 Credit)

Are you ready to move out on your own? This class will prepare you with the skills you need to be ready for that move. You will learn how to get a job, prepare a budget, buy a car, do your taxes, rent a place to live, and much more! You will also prepare a career portfolio and complete a mock interview that will prepare you for success in the job market. Don't miss out on this informative and fun class!

Qualifier: CTE COURSE

Grade Level: 11, 12

OFFICE MANAGEMENT (BUS001)

Credit: CTE and/or Elective

Length: 1 Trimester (0.5 Credit)

Suggested Pre-requisite: Tech Comm (Previously called Computer Applications)

Students will develop effective skills in a work setting. You will gain skills that employers want you to know before you begin work and gain work experience that can be used on your resume. Class content is focused on business etiquette, customer service, communication and work habits while reinforcing these skills through on-the-job training experiences around campus assisting in office worksites and on projects. Get a jumpstart on your resume by showing employers you have the skills needed to be a valuable employee.

Qualifier: CTE COURSE

Grade Level: 10, 11, 12

MECHATRONICS I (M EGR4)

Credit: CTE or Science or Elective

Length: 2 Trimesters (1.0 Credit)

Pre-Requisite: Successful completion of Intro to CAD or Instructor Approval.

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Engineering Pathway

Did you take your toys apart as a child to see how they worked? Do you build your own inventions? Do you like to create things and solve problems? Come to Mechatronics 1 and learn about the mechanical, electrical, and computer skills used in manufacturing applications. Get a chance to try out new technology with hands-on training that will help you earn Industry Recognized Certificates (IRCs) and give you a head start toward landing a job or applying for more training right out of high school.

Qualifier: CADR COURSE, LAB SCIENCE, CTE DUAL CREDIT

Grade Level: 11, 12

MECHATRONICS II (M EGR6)

Credit: CTE or Science or Elective

Length: 2 Trimesters (1.0 Credit)

Pre-Requisite: Successful completion of Mechatronics I or instructor Approval.

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Engineering Pathway

As a continuation of Mechatronics 1, Mechatronics 2 provides students the opportunity to become Subject Matter Experts (SMEs) in two or four different areas, and to work in teams to design and create inventions to improve our lives and solve real world problems. Continue to acquire Industry Recognized Certificates (IRCs) and/or college credit as you prepare for a successful future career.

Qualifier: CTE COURSE, LAB SCIENCE

Grade Level: 11, 12

WEB PAGE DESIGN (BUS102)

Credit: CTE or Elective

Length: 1 Trimester (0.5 Credit)

Students in web page design will learn the foundations of web site building, advertising, representing a business and the technical elements of design. Students will design and develop multiple sites on topics of their interest.

Credit: CTE or Elective

Grade Level: 9, 10, 11, 12

ADVANCED CAD (COMPUTER AIDED DESIGN) (M EGR8)

Credit: CTE and/or Elective

Length: 2 Trimesters (1.0 Credit)

Pre-Requisite: Pre-Requisite: Successful completion of Intro to CAD

Build mechanical assemblies and create rapid prototypes of your designs with 3D printers and laser engravers. Earn Industry Recognized Credentials that give you some big accomplishments to put on your resume. You can also design products and sell them in the Student Store. Get ready to make some amazing 3D models in Fusion360 and OnShape. Let's go! College credit is available.

Qualifier: CTE DUAL CREDIT

Grade Level: 11, 12

PROJECT MANAGEMENT (B BUS3)

Credit: CTE or Elective

Length: 2 Trimesters (1.0 Credit)

Pre-requisite: Success completion of Multimedia or, Intro to Business AND Intro to Marketing (or equivalent)

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Business and Marketing Pathway and Entertainment Production Pathway

Project Management is a hands-on class that teaches students how to plan, implement and evaluate projects related to school and their community. The course gives students the chance to work with a wide variety of their peers in which they will be working independently, and as a group, to complete original projects. This class will give students an understanding and base knowledge of community outreach, community service, personal leadership skill, and group leadership skills. Project Management students are required maintain positive behavior towards the school and community as well as engage in activities that support the community and school. Students will be held to a strict social media policy with regard to the school and class. This class is graded based on attendance, public speaking, class participation, community service and completion of major projects.

Qualifier: CTE COURSE

Grade Level: 11, 12

FRESHMAN SEMINAR (SEM 01)

Credit: 1.0 Elective and/or CTE and 0.5 Elective for T3

Length: 2 Trimesters (1.0 Credit) or 3 Trimesters (1.5 credits) if recommended

This is a requirement for all freshmen enrolled at SHS.

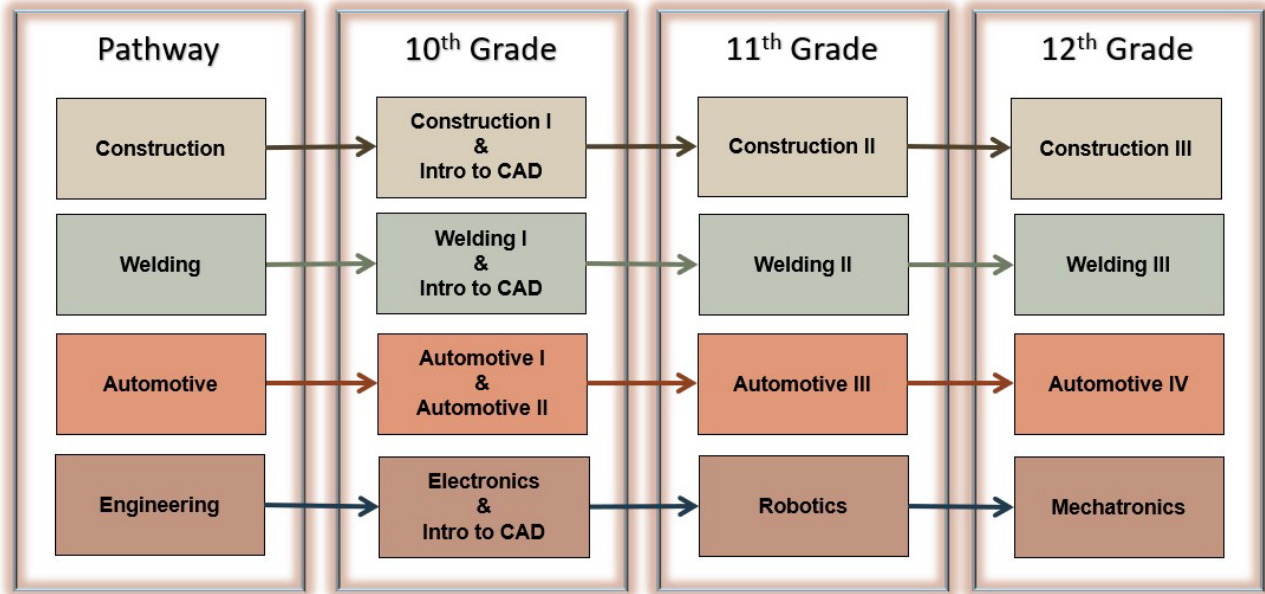
Freshman Seminar is a transition course for ninth graders to prepare them for success in high school, post-secondary education, and careers. It allows students dedicated time to focus on their future, understand what it takes to be successful in high school, and explore potential post-secondary options. Students will spend time building their study, life, and professional skills while also diving deeper into careers connected to their interests and aptitude. Applying all this knowledge, students will have the opportunity to learn hands on about the pathways within Shelton High School's Academies culminating with their own Academy selection. Note: All Freshmen students are required to take Freshman Seminar during the first two trimesters. Students will be placed into the third trimester course by counselors. Trimester 3 is not a CTE credit.

Qualifier: CTE DUAL CREDIT

Grade Level: 9

CTE ACADEMY PATHWAY CLASSES

CTE MECHANICAL, ENGINEERING, & TECHNOLOGY (MET) ACADEMY



INTRO TO CAD (COMPUTER AIDED DESIGN) (M EGR0)

Credit: CTE or Visual Arts or Elective

Qualifier: CTE DUAL CREDIT

Length: 1 Trimester (.5 Credit)

Grade Level: 10, 11, 12

Co-Requisite: Construction I OR Welding I, for 10th Grade students choosing Construction or Welding Pathway, respectively.

Academy: Manufacturing, Engineering, & Technology (MET)

Exploratory/Pathway: MET Construction Pathway and MET Engineering Pathway

Do you like 3D printers and laser engraving? Interested in Mechanical Engineering or Architecture? If the answer is yes, sign up for Intro to CAD. You will make 2D and 3D models using apps like AutoCAD and Sketchup. AutoCAD will help you make precise drawings that can be used for laser engraving. Sketchup will allow you to design buildings like houses, stadiums, and any other structure you can imagine!

CONSTRUCTION I (M CST1)

Credit: CTE or Elective

Qualifier: CTE COURSE

Length: 1 Trimester (.5 Credit)

Grade Level: 10

Co-Requisite: Intro to CAD

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Construction Pathway

Students will learn basic carpentry skills by creating useful, construction-related projects. Units of study include hand and power tool safety and operation and construction mathematics. These modules will be selected from the Core and Level One Curricula and will provide students an opportunity to learn skills that will help them move forward with a pathway into the trades. Students are encouraged to participate in SkillsUSA. This course may be repeated for credit to master skills, with instructor approval.

CONSTRUCTION II (M CST2)

Credit: CTE or Elective

Qualifier: CTE DUAL CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10, 11, 12

Pre-Requisite: Construction I and Intro to CAD

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Construction Pathway

The second in a sequence of courses that prepares individuals to apply technical knowledge and skills started in Construction I to lay-out, shape, assemble, and finish projects. Value is placed on developing craftsmanship, a production sense, and in design principles. This course emphasizes the development of production principles in a manufacturing environment. Students will gain an understanding of basic cabinetry and project development while improving their understanding of the tools used in a shop and in the trade. Students will develop and produce projects that are of their design with the supervision and guidance of the instructor.

CONSTRUCTION III (M CST4)

Credit: CTE or Elective

Qualifier: CTE COURSE, COLLEGE CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10, 11, 12

Pre-requisite: Successful completion of Construction I, Construction II, and Intro to CAD

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Construction Pathway

This course will focus on the foundation of construction trades building on what students have learned in Construction I and II. Students will continue to learn and practice basic safety skills. They will continue to work on improving their understanding and demonstrate basic math skills. They will also be introduced to the different hand tools and be able to recognize and demonstrate each one. They will also be introduced to power tools and be able to recognize and demonstrate each one. Students will work to improve reading and understanding of blueprints as well as complete projects involving framing floor, ceiling, and walls. We will also explore the interior and exterior including doors, windows, drywall and trim work.

WELDING I (M WLD1)

Credit: CTE or Elective

Qualifier: CTE DUAL CREDIT

Length: 1 Trimester (0.5 Credit)

Grade Level: 10

Co-Requisite: Intro to CAD

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Welding Pathway

Students will learn basic welding techniques and welding safety. Focus points will include shielded metal arc welding, gas metal arc welding, dual shield, plasma arc cutting and oxy-acetylene torch cutting. As well as employability skills, equipment and setup, base metal prep, weld quality, and will be introduced to blueprint reading. Students are graded on wearing personal protective equipment, participation and behavior, and classroom assignments. This course may be repeated for credit to master skills, with instructor approval. College credit may be available. Students will learn and practice welding techniques necessary for the metal working industry or hobby applications. Individual and group activities are designed to simulate industrial welding operations. Due to the emphasis on occupations and opportunities in the welding industry, safety and professionalism are top priorities in our well-equipped laboratory. Focus points will include set-up, prep, weld quality and intro to blueprint reading. arc welding, and torch cutting. This course may be repeated for credit to master skills with approval. College credit may be available.

WELDING II (M WLD2)

Credit: CTE or Elective

Qualifier: CTE DUAL CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10, 11, 12

Pre-Requisite: Successful completion of Welding I and Intro to CAD.

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Welding Pathway

In Welding II students will be educated on beginning fabrication of projects, ship-yard work and terminology as it relates to the industry, quality assurance of product, working with railcars and terminology, working in manufacturing, JIT Lean Manufacturing, the 5-S program, all position stick and dual shield, AWS test plate and practice of bending of coupons, and welding testing in the industry. Students are graded on wearing personal protective equipment, participation, tool room, and projects. This course may be repeated for credit to master skills, with instructor approval. College credit may be available. Students will advance their skills and learn fabrication of projects and terminology as it relates to the industry. Quality assurance of product, safety and professionalism are top priorities in our shop. Occupations in manufacturing and testing are emphasized in the practice of JIT Lean, 5-S, position stick and dual shield. AWS test plate and bending are practiced in this course. This course may be repeated for credit to master skills with approval. College credit may be available.

WELDING III (M WLD4)

Credit: CTE or Elective

Qualifier: CTE DUAL CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 11, 12

Pre-Requisite: Successful completion of Welding II.

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Welding Pathway

Students will continue to develop and apply the skills and knowledge learned in Welding I/II. Students will learn advanced welding positions such as overhead SMAW, GMAW, FCAW, GTAW, advanced oxy-fuel cutting techniques, sheet metal fabrication, metallurgy, and shop math, and ability to pass AWS tests to become certified welders. Individual and group projects will be available dependent upon abilities. Students are graded on wearing personal protective equipment, participation and behavior, classroom assignments, and projects. This course may be repeated for credit. Industry certification and college credit may be available.

AUTOMOTIVE SERVICE TECHNOLOGY I (M AUT1)

Credit: CTE or Elective

Qualifier: CTE COURSE

Length: 1 Trimester (0.5 Credit)

Grade Level: 10

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: Automotive Technology Pathway

This course is offered as an exploratory introduction to automotive design, history, engineering, and repair strategies. Automotive I is a prerequisite to Automotive II and is designed to expose students to repair and maintenance of small engines, cars, trucks, and industrial equipment that use gasoline or diesel internal combustion engines. Industrial shop environments and basic hand tools will be introduced. Students will be heavily coursed in safety, learning how to function in an environment that could pose safety concerns. All Automotive I students will be required to pass safety modules. Other components covered during this course include shop safety, tools and their use, safe chemical handling, internal combustion engines, oils and fluids used in vehicle systems, suspension and steering systems, and differential/final drive assemblies. SP2 safety certification available.

AUTOMOTIVE SERVICE TECHNOLOGY II (M AUT2)

Credit: CTE or Elective

Qualifier: CTE DUAL CREDIT

Length: 1 Trimester (0.5 Credit)

Grade Level: 10, 11, 12

Pre-Requisite: Successful completion of Automotive Service Technology I.

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: Automotive Technology Pathway

This course is for students seeking to continue exploring automotive systems. Sp2 certification is required. Students will explore the design and function of manual and automatic transmissions, disc and drum brake systems, electrical systems, fuel and ignition systems, and computer-controlled sensors. Industry Certification available.

AUTOMOTIVE SERVICE TECHNOLOGY III (M AUT3)

Credit: CTE and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 3 Trimesters (1.5 Credit)

Grade Level: 11, 12

Pre-Requisite: Successful completion of Automotive Service Technology I and II, Instructor Permission. Application process.

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: Automotive Technology Pathway

This course is designed for students who are bound for occupation in the industry, or those who will pursue a lifetime passion in repairing and maintaining their own vehicles. SP2 is required. Very minimal time will be spent in classroom lectures- this is a hands-on class that gives students a realistic view of what a shop environment looks and feels like. Teamwork, communication, safety, and practical application of automotive concepts are used to maintain and repair vehicles. Team Leader positions will be available. Homework includes automotive system review material, assigned as online homework. Industry Certification available.

AUTOMOTIVE SERVICE TECHNOLOGY IV (M AUT6)

Credit: CTE and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 3 Trimesters, 2 period block per trimester (3.0 Credits)

Grade Level: 12

Pre-Requisite: Successful completion of Automotive Service Technology I, II, and III or Instructor Permission and Counselor Permission. Application process for commitment and capacity.

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: Automotive Technology Pathway

This course is designed for 12th grade students that are program completers. Students must have previously demonstrated comprehension in Automotive Service Technology I and II and excelled in teamwork and productivity in Automotive Service Technology III. This course requires a high level of commitment- it is a three trimester, year-long course offered in a two-period block. Students must plan to achieve nearly all graduation requirements prior to their senior year to accommodate this block into their schedule. Industry Certification available.

INTRO TO CAD (COMPUTER AIDED DESIGN) (M EGR0)

Credit: CTE and/or Visual Arts and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 1 Trimester (.5 Credit)

Grade Level: 10, 11, 12

Co-Requisite: Construction I, Welding I or Electronics for 10th Grade students choosing Construction, Welding or Engineering Pathway

Academy: Manufacturing, Engineering, & Technology (MET)

Exploratory/Pathway: MET Construction Pathway and MET Engineering Pathway

Do you like 3D printers and laser engraving? Interested in Mechanical Engineering or Architecture? If the answer is yes, sign up for Intro to CAD. You will make 2D and 3D models using apps like AutoCAD and Sketchup. AutoCAD will help you make precise drawings that can be used for laser engraving. Sketchup will allow you to design buildings like houses, stadiums, and any other structure you can imagine!

ELECTRONICS (M EGR1)

Credit: CTE and/or Science and/or Elective

Qualifier: LAB SCIENCE, CTE DUAL CREDIT

Length: 1 Trimester (.5 Credit)

Grade Level: 10, 11, 12

Co-Requisite: Intro to CAD

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Engineering Pathway

Do you want to build an electric motor, an LED flashlight, and other cool projects? Sign up for Intro to Electronics. You will learn basic electrical theory including resistance, voltage, current, and power. You will learn electrical safety, soldering, residential wiring, and some computer programming. This class will set you up with the electrical knowledge you need for your future! College credit may be available.

INDUSTRIAL ROBOTICS (M EGR2)

Credit: CTE or Science or Elective

Qualifier: LAB SCIENCE

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10, 11, 12

Pre-Requisite: Intro to CAD and Electronics

Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Engineering/Mechatronics Pathway

Explore the robotics industry and the world of Mechatronics/Industrial Animation. You will learn electronics and coding by building autonomous vehicles. You will also learn how to build and operate drones and prepare to take the FAA Part 107 test to earn your remote pilot license. Unmanned vehicles and Mechatronics is the wave of your future, get on board. College credit may be available.

MECHATRONICS I (M EGR4)

Credit: CTE or Science or Elective

Qualifier: LAB SCIENCE, CTE DUAL CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 11, 12

Pre-Requisite: Successful completion of Intro to CAD or Instructor Approval.

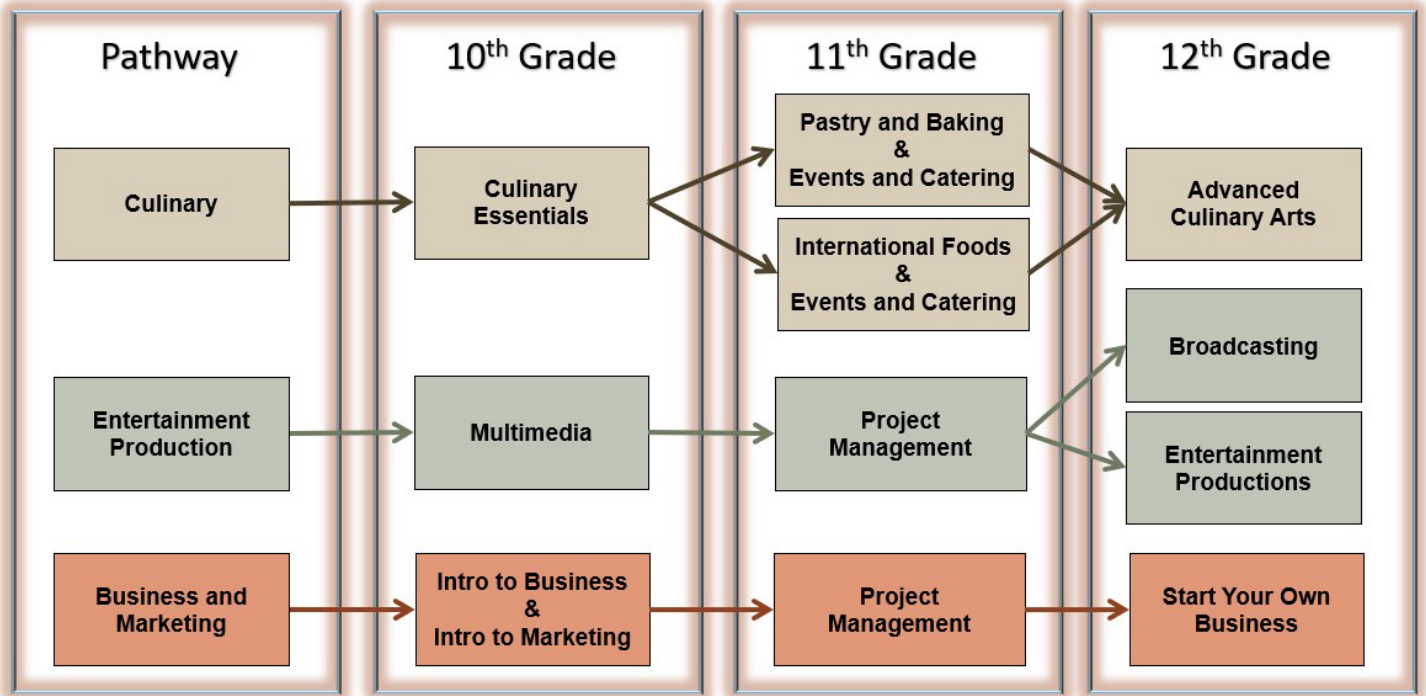
Academy: Manufacturing, Engineering, & Technology (MET)

Pathway: MET Engineering Pathway

Did you take your toys apart as a child to see how they worked? Do you build your own inventions? Do you like to create things and solve problems? Come to Mechatronics 1 and learn about the mechanical, electrical, and computer skills used in manufacturing applications. Get a chance to try out new technology with hands-on training that will help you earn Industry Recognized Certificates (IRCs) and give you a head start toward landing a job or applying for more training right out of high school.



BUSINESS, FINANCE & HOSPITALITY ACADEMY



FOODS & NUTRITION I: CULINARY ESSENTIALS (B CUL1)

Credit: CTE and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10, 11, 12

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Culinary Pathway

Are you hungry? Are you curious about how to fix your favorite dish? Explore the world of food and learn basic cooking skills for home, career, and entertainment. Create mouthwatering desserts, yummy baked goods, hearty soups and pastas and delicious meals. Prepare your food with a flare and make them visually appealing. Sign up now!

FOODS & NUTRITION II- PASTRY & BAKING ARTS (B CUL3)

Credit: CTE and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 1 Trimester (.5 Credit)

Grade Level: 11, 12

Co-requisite: Students in the Culinary Pathway must also take Foods & Nutrition II – Events and Catering

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Culinary Pathway

Gain experience with an introduction to the science of baking and pastries. Learn how to make some of your favorite desserts and baked goods from scratch, this class will help students develop the skills of working in a safe and sanitary manner; teamwork; reading and accurately following a recipe; proper measuring techniques and equipment identification; make-up and baking of yeast breads, quick breads, pies, pastries, tarts, cakes, decorating icings, cookies, custards, frozen desserts, chocolate and sugar techniques and plating.

FOODS & NUTRITION II- EVENTS AND CATERING (B CUL4)

Credit: CTE and/or Elective

Qualifier: CTE COURSE

Length: 1 Trimester (.5 Credit)

Grade Level: 11, 12

Co-requisite: Students in the Culinary Pathway must also take either Foods & Nutrition II – Pastry & Baking, OR Foods & Nutrition II – International Foods.

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Culinary Pathway

Do you have a passion for cooking? This class is an extension of the basic cooking skills learned in Foods & Nutrition 1. Students will receive instruction in the use of knife skills, cooking methods, meats, poultry and seafood, and menu planning. Students will participate in planning, costing, preparation and serving of meals through lab-based learning with an emphasis on the hospitality industry. This class will emphasize quality food preparation, teamwork, developing a critical palate, and researching current culinary trends. Let food be your music and make your meals rock!

FOODS & NUTRITION II- INTERNATIONAL FOODS (B CUL5)

Credit: CTE and/or Elective

Qualifier: CTE DUAL CREDIT, PATHWAY

Length: 1 Trimester (.5 Credit)

Grade Level: 11, 12

Co-requisite: Students in the Culinary Pathway must also take Foods & Nutrition II – Events and Catering

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Culinary Pathway

Explore foods from around the world and their influences through your own lens. Gain an understanding of diet, etiquette, and customs of different cultures as they relate to the history, geography, and climate of a region. Students will plan and prepare menus that focus on the taste, flavors, and styles of diverse cuisines. Lab experiences will provide opportunities to prepare and taste foods from around the world. Advanced cooking techniques are applied and emphasize critical thinking, teamwork, cooperation, and diversity as demonstrated while students evaluate their completed dishes.

FOODS & NUTRITION III: ADVANCED CULINARY ARTS (B CUL6)

Credit: CTE and/or Elective

Qualifier: CTE COURSE

Length: 2 Trimesters (1.0 Credit)

Grade Level: 12

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Culinary Pathway

Get the chance to continue your education in food preparation techniques and procedures through instruction in this third-year culinary offering. The course will cover career opportunities, employability skills, customer service, food costs, and inventory control. Operation and running of the Highclimber Culinary Café, event planning, catering and community outreach will be a part of this project-based learning class. Students will follow the guidelines for food preparation skills as they relate to the standards set by the food service industry. This class is designed for self-motivated, dedicated, independent working culinary students.

MULTIMEDIA (B ENT1)

Credit: CTE and/or Fine Arts and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 10, 11, 12

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Entertainment Production Pathway

Students in MULTIMEDIA will work independently and collaboratively in groups to Create, Present, Respond, and Connect to modern artistic mediums & styles. Students will work with a primary focus on technology, software, industry-based standards, and fundamental techniques used in Visual Art, Video, and Audio. Examples of projects include videography, social media & networking, basic web design, event promotion, sound design and beat making. Students of all Academies & Pathways are encouraged to enroll! Courses in the Performing & Visual Arts introduce students to a wide variety of terms, techniques, and careers tracks in the Commercial Arts & Entertainment Industries. Gain Industry Recognized Certifications (Soft Skills, Software, and CPR/First Aid, for example) and a variety of Transferable Skills (creative & analytical research and writing; video, sound, media & graphic design; public speaking & presentation; workplace readiness & professionalism, and more).

BROADCASTING (TEC301)

Credit: CTE and/or Fine Arts and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 3 Trimesters (1.5 Credit)

Grade Level: 10, 11, 12

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Entertainment Production Pathway

The Radio/Television Digital Media Program focuses on Video, Audio and Social Media presentation. The goal of the program is to give each student an overall working knowledge of how to tell a story electronically. Creating and developing ideas and materials for broadcast. Problems of timing, pacing, visualization, and expression. The terminology, practices, and aesthetic considerations of visual and sound productions. Principles of producing, staging, shot composition, directing, blocking, graphics, studio techniques, and lighting, for television, and social media.

ENTERTAINMENT PRODUCTIONS (B ENT8)

Credit: CTE and/or Fine Arts and/or Elective

Length: 2 Trimesters (1.0 Credit)

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Entertainment Production Pathway

This is a student led, project-based class giving students many hours of hands-on experience making media. Students will take on different production roles in projects ranging from songwriting and podcast recording to video editing, 3D graphics and more. Students will use industry standard planning software and techniques to propose, plan, and execute these projects. Students will also learn how to use online publishing tools such as wordpress and bandcamp for marketing their works and building portfolios for future use. Students will be able to earn industry recognized certifications and gain leadership skills to help prepare them for their next career steps.

Qualifier: CADR COURSE, CTE COURSE

Grade Level: 10, 11, 12

INTRO TO BUSINESS (B BUS1)

Credit: CTE and/or Elective

Length: 1 Trimester (.5 Credit)

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Business Pathway

This course introduces the role of an entrepreneur in today's society, entrepreneurship as a career, and business basics. You will also learn business skills needed to turn ideas into action for your own career success. We also focus on communication and employability skills. Students in Intro to Business & Marketing have the opportunity to join DECA, the leadership component of the class. DECA allows for students to compete, network, travel, develop friendships and leadership skills.

Qualifier: CTE COURSE

Grade Level: 10, 11, 12

INTRO TO MARKETING (B BUS2)

Credit: CTE or Elective

Length: 1 Trimester (.5 Credit)

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Marketing Pathway

Intro to marketing curriculum introduces marketing concepts, economics, the sales process, promotion techniques and financial literacy. Class projects may include product design, advertising campaigns, mock interviews and business or marketing plans. Students are encouraged to be involved in DECA, the leadership component of the class. DECA allows students to compete, network, travel, develop friendships and leadership skills. Five college credits available for students earning a B or better both trimesters. College credit may be available.

Qualifier: CTE DUAL CREDIT

Grade Level: 10, 11, 12

PROJECT MANAGEMENT (B BUS4)

Credit: CTE and/or Elective

Length: 2 Trimesters (1.0 Credit)

Pre-requisite: Success completion of Multimedia or, Intro to Business AND Intro to Marketing (or equivalent)

Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Business and Marketing Pathway and Entertainment Production Pathway

Project Management is a hands-on class that teaches students how to plan, implement and evaluate projects related to school and their community. The course gives students the chance to work with a wide variety of their peers in which they will be working independently, and as a group, to complete original projects. This class will give students an understanding and base knowledge of community outreach, community service, personal leadership skill, and group leadership skills. Project Management students are required maintain positive behavior towards the school and community as well as engage in activities that support the community and school. Students will be held to a strict social media policy with regard to the school and class. This class is graded based on attendance, public speaking, class participation, community service and completion of major projects.

CTE COURSE

Grade Level: 11, 12

STARTING YOUR OWN BUSINESS (B BUS5)

Credit: CTE or Elective

Length: 2 Trimesters (1.0 Credit)

Pre-requisite: Intro to Business AND Intro to Marketing (or equivalent)

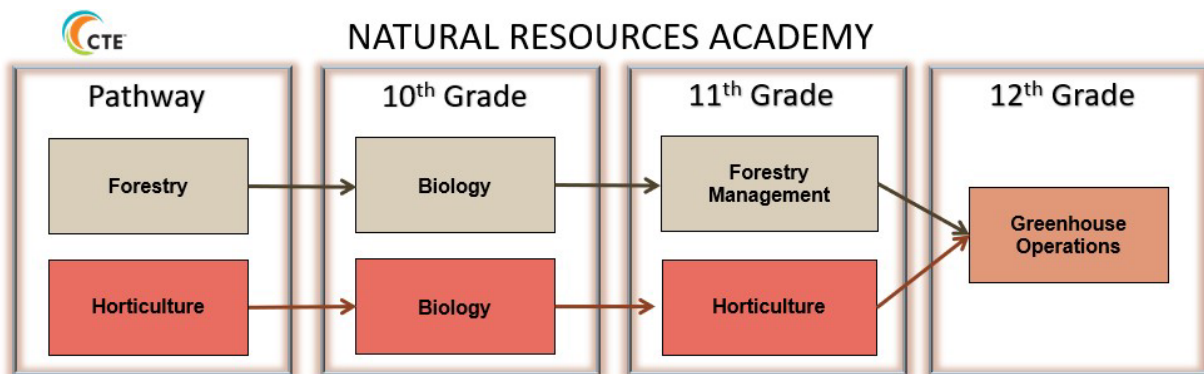
Academy: Business, Finance, & Hospitality (BFH)

Pathway: BFH Business and Marketing Pathway

This course builds the foundation and discusses the strategies that allow businesses to compete in today's interactive marketplace. Students complete this course developing a business plan of their own. Students in Start Your Own Business also have the opportunity to join DECA, the leadership component of the class. DECA allows for students to compete, network, travel, develop friendships and leadership skills.

Qualifier: CTE DUAL CREDIT

Grade Level: 12



FORESTRY MANAGEMENT (SCI314)

Credit: Science and/or CTE and/or Elective

Length: 2 Trimesters (1.0 Credit)

Prerequisite: Natural Science and Biology

Academy: Natural Resources Science (NRS)

Pathway: NRS Forestry Pathway

Qualifier: CADR COURSE, LAB SCIENCE, CTE COURSE, PATHWAY

Grade Level: 11

Come explore scientific and forestry principles to the management of Washington's forests. Includes instruction in tree and tool identification, timber cruising and valuation, timber stand management and silviculture, diseases, pest and fire ecology, mapping and land measurement, forest practice laws. Students prepare and submit a forest management plan to the landowner. A Supervised Agricultural Experience is incorporated to place students in a position where they learn the practices of entrepreneurship and the fundamentals of research and experimentation in the forestry field. Participants in the SAE will conduct exploratory projects with the purpose of learning about and improving forest practices in their surroundings.

HORTICULTURE (SCI312)

Credit: Science and/or CTE and/or Elective

Length: 2 Trimesters (1.0 Credit)

Prerequisite: Natural Science and Biology

Academy: Natural Resources Science (NRS)

Pathway: NRS Horticulture Pathway

Qualifier: CADR, LAB SCIENCE, CTE DUAL CREDIT, PATHWAY

Grade Level: 11, 12

What makes plants grow and produce the food that we need to eat? This horticulture class offers students a basic understanding of scientific processes by working with plants in the classroom, laboratory, and greenhouse. Students will learn about careers in the horticulture industry, gain employability skills and can participate in FFA. Possible college credit available.

GREENHOUSE OPERATIONS (CAPSTONE) (SCI431)

Credit: Science and/or CTE and/or Elective

Length: 3 Trimesters (1.5 Credit)

Prerequisite: Natural Science, Biology and Horticulture

Academy: Natural Resources Science (NRS)

Pathway: NRS Horticulture Pathway

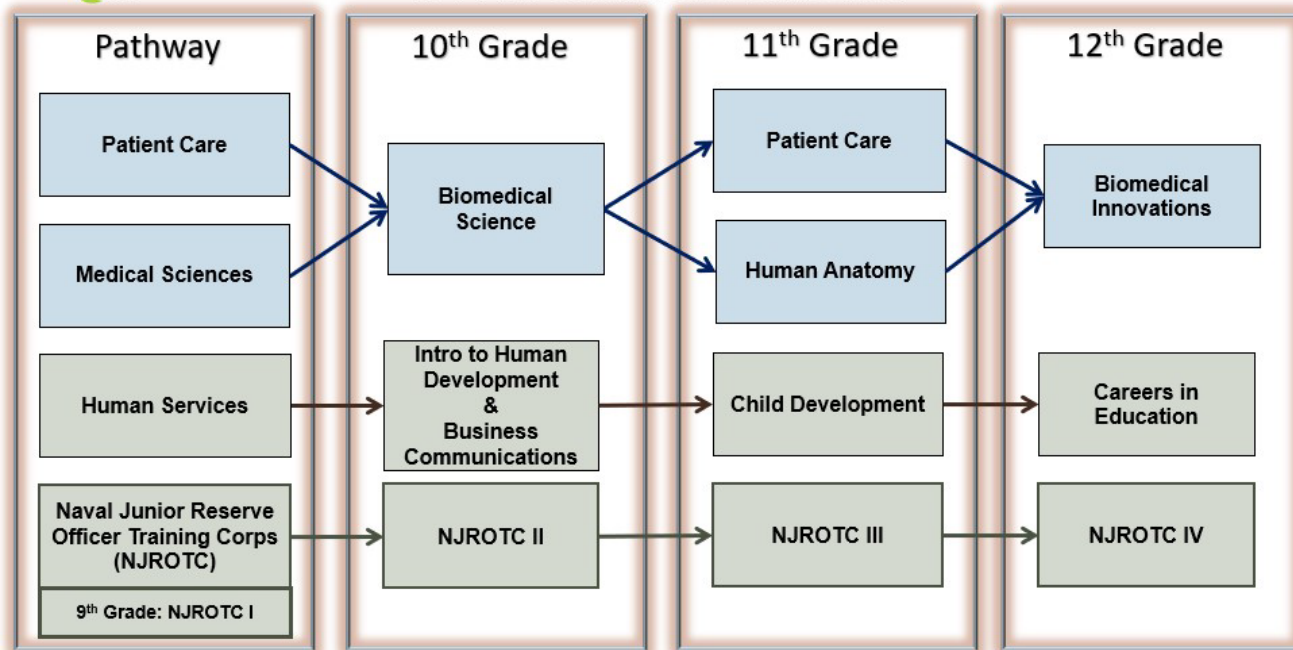
Qualifier: CTE COURSE, LAB SCIENCE

Grade Level: 12

Greenhouse Operations focuses on greenhouses and nursery operations with an emphasis on horticultural goods. You will build a model greenhouse to showcase how and why they work, review the science behind how to grow plants effectively in these environments, and explore how we utilize greenhouses and other sheltered spaces year-round! Students in this class will also work with FFA members to make decisions about the annual FFA Plant Sale including which types of plants to order, how to arrange hanging baskets, and more. As a part of the Career and Technical Education (CTE) program at Shelton High School, a Supervised Agricultural Experience project will also be completed in this course which encourages exploration of leadership skills and science to prepare you for whatever the next stage in your plant science journey might be!



HEALTH SCIENCES ACADEMY



BIOMEDICAL SCIENCE (SCI221)

Credit: Science and/or CTE and/or Elective

Length: 2 Trimesters (1.0 Credit)

Academy: Health Sciences Academy (HSA)

Why did the person die? Was it natural causes or disease? Could they have been saved? Come find out the cause of death by examining autopsy reports, investigating medical history, and exploring medical treatments that might have prolonged the person's life. This course is designed for students with a strong interest in health science and careers requiring advanced degrees such as doctor or medical researcher. This is the introductory course of the Project Lead the Way Biomedical Science program. Students will be introduced to human physiology, biology, medicine, and research processes while designing experiments to solve problems in the field of health careers.

Qualifier: CADR COURSE, LAB SCIENCE, CTE COURSE

Grade Level: 10

PATIENT CARE (SCI323)

Credit: CTE and/or Elective

Length: 2 Trimesters (1.0 Credit)

Academy: Health Sciences Academy (HSA)

Pathway: HSA Patient Care Pathway

Are you interested in health and medical sciences? Do you want to improve the quality of life for the people you work with? If you answered yes, then this could be the class for you! It will cover duties that involve direct patient care. You will learn how to interact with clients/patients, work as a team member regarding patient care, and plan for patient treatment including implementation and monitoring of patient care. Careers includes but are not limited to: physical therapist, chiropractor, nurse, medical assistant, home health aide, dental assistant, and technicians that work with: x-ray, ultrasound, nuclear medicine, MRI, mammogram, and CAT scan.

Qualifier: CTE COURSE, LAB SCIENCE

Grade Level: 11, 12

HUMAN ANATOMY (SCI325)

Credit: Science and/or CTE and/or Elective

Length: 2 Trimesters (1.0 Credit)

Prerequisite: Successful completion of Biomedical Science or Biology

Academy: Health Sciences Academy (HSA)

Pathway: HSA Medical Sciences Pathway

This is a college preparatory course teaching the anatomical and physiological aspects of the human body. The course includes comprehensive lectures, extensive lab work and numerous audiovisual aids. Medical terminology will be utilized. Students must be willing to participate in laboratory dissections.

Qualifier: CADR COURSE, LAB SCIENCE, CTE COURSE. NCAA, PATHWAY

Grade Level: 11, 12

BIOMEDICAL INNOVATIONS (SCI421)

Credit: Science and/or CTE and/or Elective

Qualifier: CADR COURSE, LAB SCIENCE, CTE COURSE, PATHWAY

Length: 2 Trimesters (1.0 Credit)

Grade Level: 12

Pre-requisite: Successful completion of Biomedical Science and Human Anatomy or Patient Care

Academy: Health Sciences Academy (HSA)

Pathway: HSA Medical Sciences and Patient Care Pathway

**** This is a required 12th grade course for the Health Sciences Academy Medical Sciences Pathway.**

Students will apply their knowledge and skills to answer questions and solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community. Student must have successfully completed the three previous PLTW courses before being accepted into this course.

INTRO TO HUMAN DEVELOPMENT (FCS100)

Credit: CTE and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 1 Trimester (0.5 Credit)

Grade Level: 10, 11, 12

Academy: Health Science Academy (HAS)

Pathway: Human Services

This class is designed for anyone pursuing a career in the Human Services Pathway. Students will investigate different careers that involve helping and serving people. We will take a journey through the human life cycle from birth through death in this fascinating class. This is a great opportunity to learn more about yourself and others and to understand more about developmental psychology. First Aid/CPR Certification will be earned in this class.

BUSINESS COMMUNICATIONS (B BUS7)

Credit: CTE and/or English and/or Elective

Qualifier: CTE DUAL CREDIT

Length: 1 Trimester (.5 Credit)

Grade Level: 10, 11, 12

Co-requisite (10th Grade): English 10 or Pre-AP English 10

Academy: Health Science Academy (HSA)

Pathway: Human Services

Business English covers basic communication skills including punctuation, word usage, and the composition of business letters, reports, and memorandums, as well as professional communication skills. Students will also produce a resume and cover letter. The computer is used daily. This course can be taken as an English elective credit; however, it does not meet NCAA English requirements.

CHILD DEVELOPMENT (FCS101)

Credit: CTE and/or Elective

Qualifier: CTE COURSE, CTE DUAL CREDIT

Length: 2 Trimesters (1.0 Credit)

Grade Level: 11, 12

Pre-requisite: Intro to Human Development

Academy: Health Science Academy (HAS)

Pathway: Human Services

Explore how kids develop through many stages from conception through age eight. Possible daycare visits will allow for observation of and interaction with young children. In addition to the opportunity to earn college credit, you will have the opportunity to earn the Washington State Childcare Basic Certification and a food handler's card. These will qualify you to work in any daycare in Washington State! Possibility of an internship in a local childcare during the trimester. Child development is a great class for anyone interested in a career working with children or for those wanting to become a parent someday.

CAREERS IN EDUCATION (FCS201)

Credit: CTE and/or Elective

Length: 1 Trimester Block (1.0 Credit)

Pre- or Co-requisite: Child Development

Academy: Health Science Academy (HAS)

Pathway: Human Services

Qualifier: CTE COURSE, CTE DUAL CREDIT

Grade Level: 11, 12

Have you thought about a career working with children? This course will give you hands-on experience in the field. You will complete an internship in an elementary school, middle school, junior high or high school during this class. Working alongside a teacher will allow you to gain some incredible knowledge about your role as a future professional in any field involving children. You will have the opportunity to earn a Para-educator certificate which can help you get hired in this high demand education career. This course is designed for juniors and seniors. College credit can be earned and you will receive help with the college transition process.

NJROTC NAVAL SCIENCE I – INTRO TO NAVAL SCIENCE (NAV101)

Credit: T1: 0.5 Elective ; T2: 0.5 PE; T3: 0.5 Social Studies Elective

Qualifier: CTE COURSE

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9, 10, 11, 12

This course introduces students to the meaning of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. It promotes physical fitness, a healthy lifestyle, and provides the principles of health, first aid, geography, survival skills, and an overview of Naval ships and aircraft. NJROTC Naval Science I emphasizes citizenship and leadership development, as well as maritime heritage, sea power, and Naval operations and customs. This course includes, but is not limited to, an introduction to the Naval Junior ROTC program, US Navy mission and organization, maritime geography, Naval history, basic seamanship, oceanography, and health education. Cadets will also have opportunities to practice citizenship, leadership, and employability skills via performing/competitive drill teams, color guards, academic teams, air rifle teams, orienteering, cyber patriot (code) team, project planning, and multiple field trips. Cadets may earn Varsity letters on the teams or in community service.

NJROTC NAVAL SCIENCE II (NAV201)

Credit: T1: 0.5 PE; T2: 0.5 Social Studies Elective; T3: 0.5 Science

Qualifier: CTE COURSE

Length: 3 Trimesters (1.5 Credit)

Grade Level: 10, 11, 12

Pre-requisite: Successful completion of Naval Science I

NJROTC Naval Science II, builds upon the content of Naval Science I. These courses include, but are not limited to leadership principles and discipline, citizenship, naval opportunities and career planning, naval ships and weaponry, seamanship, meteorology and weather, and survival training. Students continue to learn teamwork, naval history, and military principles. In addition to the opportunities listed in NS1, cadets are given the opportunities to lead other cadets in a classroom environment and are encouraged to take on project management for 3 major community events.

NJROTC NAVAL SCIENCE III (NAV301)

Credit: T1: 0.5 PE; T2: 0.5 Social Studies Elective; T3: 0.5 Science

Qualifier: CTE COURSE

Length: 3 Trimesters (1.5 Credit)

Grade Level: 11, 12

Pre-requisite: Successful completion of Naval Science II

This course broadens understanding of operative principles of military leadership, the concept and significance of teamwork, and discipline in the accomplishment of an objective. Each lesson is taught with a focus on being employable. Timeliness, respect, and commitment are specific characteristics practiced by wearing the uniform once a week, ongoing instruction in leadership, naval orientation, navigation, composition of the Navy, military and international law, SEA power, Global Awareness: Cultural Studies and nation security. Laboratory sessions in drill, commands and ceremonies are also provided. Classroom training is supplemented with field trips, orientation visits to various military facilities and museums, and a 10-week Basic Financial Management course. Students must be organized, self-directed and responsible.

NJROTC NAVAL SCIENCE IV (NAV401)

Credit: T1: 0.5 Elective; T2: 0.5 PE; T3: 0.5 Social Studies Elective **Qualifier:** CTE COURSE

Length: 3 Trimesters (1.5 Credit)

Grade Level: 12

Pre-requisite: Successful completion of Naval Science III

This course builds on employability skills and provides leadership opportunities by closely examining the roles of leaders and followers as well as identifying characteristics and best practices of each. Provides opportunity to exercise leadership in group dynamics using the uniform to demonstrate capabilities and leadership skills. Continually conduct exercises in career planning and education with experience in producing effective oral and written communications. Will prepare the student to readily accept the responsibility and importance of citizenship as related to the democratic principles upon which our country is founded. Laboratory sessions in drill, commands and ceremonies and classroom training will continue to be supplemented with field trips, guest speakers, orientation visits to various military facilities, and the teams and opportunities listed in NS1 course.

(BEFORE SCHOOL) NJROTC NAVAL DRILL AND CEREMONIES (NAV001)

Credit: T1: 0.5 Fine Arts; T2: 0.5 PE; T3: 0.5 CTE

Qualifier: CTE COURSE, ZERO PERIOD

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9, 10, 11, 12

Co-requisite: Concurrent enrollment in a Naval Science Course

Class work, participation in conference meets, and practical factors are combined for grade. This course is only offered before regular school hours, during zero period. This course may be repeated for credit. Course meets graduation requirement areas for Fine Arts, Personalized Pathway, Physical Education or General Elective credit areas.

STUDENT SERVICES COURSES

ENGLISH LANGUAGE ARTS (STS101)

Credit: English or General Elective

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-requisite: Placement Based

The focus of the course is improving student reading, writing, and grammar skills. Basic, complex, and abstract elements of reading, fluency, vocabulary, passage comprehension, spelling, paragraphs, essays, and organization of the writing process is explored and practiced. This course may be repeated for credit.

INTEGRATED MATH I (STS111)

Credit: Math or General Elective

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-requisite: Placement Based

This course is designed for students who need more intensive math interventions. The focus of this course is working on algebraic sense paired with geometry concepts. Types of math concepts covered are fractions, percentages, evaluating story problems, rates/ratios, linear equations, inequalities, linear systems, quadratic equations, and geometry. This course may be repeated for credit.

TRANSITIONS (STS311)

Credit: General Elective or designated graduation requirement area per graduation plan

Length: 3 Trimesters (1.5 Credit)

Grade Level: 10, 11, 12

Pre-requisite: Placement Based; 10th, 11th and 12th grade only, with IEP team placement.

Students will prepare for post-secondary opportunities including college, vocational training, and employment and actively participate in job readiness activities. They will learn skills for independent living, including personal finance, household management, food preparation and responsible citizenship. Students will develop skills in self-awareness and confidence, socially responsible behavior, interpersonal skills, decision making, and communication. May be repeated for credit.

SOCIAL/EMOTIONAL BEHAVIOR (STS401)

Credit: General Elective or designated graduation requirement area per graduation plan

Length: 3 Trimester (1.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-requisite: Placement Based

This course utilizes social skills training intended to help students develop a better understanding of themselves to improve their abilities in social situations. Students will learn how to manage issues with anxiety, depression, and trauma; how to fit into social situations; how to interpret body language; how to navigate a conversation appropriately; accountability, self-advocacy, stress management, anger management, and social competence. This course may be repeated for credit.

LIFE SKILLS (1=(STS001) 2=(STS002) 3=(STS003) 4=(STS004) 5=(STS005))

Credit: General Elective or designated graduation requirement area per graduation plan

Length: 3 Trimester (1.5 Credit)

Grade Level: 9, 10, 11, 12

Pre-requisite: Placement Based

Students will learn basic math skills related to work requirements and independent living situations. Students will learn how to communicate effectively through reading, writing, and social groups. They will learn skills that will help them solve solutions in different settings of everyday life. Students will learn how to run their own home, as well as pre-employment skills for everyday living. Students will have opportunity applying skills they have learned in the school and larger community.

ENGLISH LANGUAGE SERVICES

ELL NEWCOMER ENGLISH (ELL001)

Credit: General Elective or designated Graduation Requirement Area per graduation plan

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9-12

Pre-requisite: Placement Based

This course focuses on our recent immigrants to the United States who have limited English proficiency and/or no formal education in their native countries. It was created to develop and strengthen student needs. This course educates students in the areas of linguistic proficiency skills, cultural needs, and social adaptations to a new culture.

ELL NEWCOMER EL SUPPORT (ELL004)

Credit: General Elective

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9-12

Pre-requisite: Placement Based

This course is designed for English learner students who have been in the United States for less than one year. This course helps develop proficient English language skills and practice every day and academic speaking, listening, language, and writing skills. Students are introduced to the intricacies of high school education in the US as well as provided with strategies and tools that they can use to help them navigate the educational system. This course also introduces students to cultural aspects related to living in the United States.

ELL NEWCOMER HIGH SCHOOL SKILLS (ELL007)

Credit: General Elective

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9-12

Pre-requisite: Placement Based

This course is designed for students who have recently entered the United States in the past 1-3 years and who need more significant support with English language development and adapting to new culture and education system. The course helps freshman and sophomore newcomers who have gaps in their education get extra support with developing skills that will help them be successful in their content classes. Students will learn basic English skills for communicating with teachers and peers, and to understand the expectations and pathways for success at Shelton High School and in the community.

ELL ENGLISH IN CONTEXT (EIC) – PACIFIC NW HISTORY (ELL010)

Credit: Elective Credit (Students can earn Social Studies elective credit through demonstrating competency at the end of the course.)

Length: 1 Trimesters (0.5 Credit)

Grade Level: 9-12

Pre-requisite: Placement Based

This course is designed for students who are enrolled in the EL program. Students will deepen their understanding of the English language through the context of Pacific Northwest History (PNW). Students will practice their English skills by reading, writing and speaking about PNW. Students in this class will have the ability to show competency in their understanding of PNW and receive credit that can be used towards the PNW graduation requirement.

ELL ENGLISH IN CONTEXT (EIC) - HEALTH (ELL011)

Credit: Elective Credit (Students can earn a health credit through demonstrating competency at the end of the course)

Length: 3 Trimesters (1.5 Credit)

Grade Level: 9-12

Pre-requisite: Placement Based

This course is designed for students who are enrolled in the EL program. Students will deepen their understanding of the English language through the context of our Health curriculum. Students will practice their English skills through reading, writing and speaking about Health. Students in this class will have the ability to show competency in their understanding of the Health curriculum and receive credit that can be used towards the Health graduation requirement.

Change Log:

- Corrected Science Advanced titles
- Corrected Bus Comm cut and paste error.
- Corrected Bus Law cut and paste error.
- Corrected lab science indicators
- Updated CTE Dual Credit based on most current articulation agreements.
- Corrected placement of CAD and Mechatronics II into department sections
- Updated CADR credit indicators

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