

# 2021-2022 COURSE GUIDE

## Vashon Island High School Graduation Requirements

### Class 2022 and beyond

Subject Area	Credits Required
English	4.0
Mathematics	3.0
Social Studies	3.0
Science *	3.0
Career and Technical Education (CTE)**	1.0
Fine or Performing Arts	2.0
Physical Education	1.5
Family Health	0.5
World Language or Personalized Pathway Requirement	2.0
Electives	4.0
<b>TOTAL CREDITS REQUIRED</b>	<b>24.0</b>

\*2.0 credits must be in lab science

\*\*1.0 in addition to the 0.5 CTE Health credit

### Social Studies

VHS requires specific courses in this subject area:

- 0.5 credit Human Geography
- 1.0 credit World History
- 1.0 credit United States History
- 0.5 credit U.S. Government and Politics

The AP courses in Human Geography, US History and U.S. Government may be used in place of the corresponding courses listed above.

The Washington state history requirement is met at McMurray Middle School. Students transferring from other schools should check with counselors about meeting the requirement for Washington state history.

### Additional Requirements

- Meet state testing standards in English Language Arts, Mathematics and Science
- High School and Beyond Plan (completed with counselors)
- Completion of 25 hours of Community Service for a non-profit. See Jenn Coe [jcoe@vashonsd.org](mailto:jcoe@vashonsd.org) with any questions.

### Honors Designation Options

Select courses at VHS offer an 'Honors' Designation. Honors designations mean students are given a different (higher) standard for performance in order to earn the same grade as their peers not attempting an Honors Designation. Students must choose the Honors Designation at the start of their course and may not change their choice later. Students who complete

their course with an Honors Designation will have an 'H' next to their course title on their permanent transcript. Our goal with Honors Designations is to provide more rigorous learning experiences for students as opposed to simply more work. Finally, all students are eligible to choose an Honors Designation, there are no prerequisites required.

## **Preparing for College**

### **College Prep Courses**

Students preparing for four-year college study after high school should plan to take the following:

- Four Years of "core" courses: English, math, social studies and science
- Two or more consecutive years of the same World Language (Spanish, French, etc.)

### **Advanced Placement Courses**

Advanced Placement (AP) allows the student to take advantage of a rigorous, nationally recognized core curriculum, and with a qualifying score on the AP exam, allows for the student the possibility to gain college credit or advanced standing in college.

Students aspiring to highly competitive universities should enroll in as many AP courses that can be scheduled.

Here are our offerings:

- AP Calculus
- AP Chemistry
- AP Environmental Science (Not offered 21-22)
- AP U.S. Government and Politics
- AP Comparative Government
- AP Human Geography
- AP U.S. History
- AP Studio Art
- AP English Literature
- AP Spanish Language & Culture
- AP Statistics



## **Additional Information**

**Course Fees** Many classes require course fees to help offset the cost of supplies. Students are expected to pay these course fees at the start of each semester. Students who need assistance can request a payment plan or students who qualify for "Free and Reduced" lunch may obtain a **reduced fee or fee waiver** for class fees. Students may request the appropriate forms in the office.

**Schedule Changes** Students must register for an entire year of classes; schedule changes will only be made under the following circumstances:

- Balancing class sizes
- Completing schedules with holes in them
- A course was included in a student's schedule, but was made up during the summer
- The student is lacking a prerequisite for a scheduled course
- Academic misplacement
- Courses need to be added which the student previously failed

Students should not drop the second half of a full credit class, unless the teacher determines that they are academically misplaced (a rare and unusual circumstance)

**Schedule changes must be made no later than the first three days of the semester.**

**Any class dropped after the deadline date will be listed on the student's transcript with a failing grade (F)**

### **9th Grade Required Courses:**

1.0 credit of 9th Grade English  
0.5 credit of Human Geography (Social Studies)  
(or 1.0 credit of AP Human Geography)  
1.0 credit of Mathematics  
1.0 credit of Science  
0.5 credit of Health

### **10th Grade Required Courses:**

1.0 credit of 10th Grade English  
1.0 credit of World History  
1.0 credit of Mathematics  
1.0 credit of Science

### **11th Grade Required Courses:**

1.0 credit of 11th Grade English  
1.0 credit of United States History or AP United States History  
1.0 credit of Mathematics  
1.0 credit Science

## **12th Grade Required Courses:**

1.0 credit of 12th Grade English

0.5 credit of U.S. Government (or 1.0 credit of AP U.S. Government)

## **Career and Technical Education Electives**

- The CTE Department’s job is to ensure that graduates are “career ready”. We accomplish this by providing a changing menu of relevant career-based opportunities designed to jumpstart a student’s long term career planning.
- Our courses integrate technical skills with core academic knowledge. Most teachers develop their skill set through training and years of experience in their field. They are adept at helping students apply academic learning to real-world problem solving in the shop, lab or in the day-to-day world.
- CTE students are also taught and assessed on their workplace “soft skills” such as accuracy, listening and following directions, persistence and willingness to take on challenges, flexibility, curiosity, and ability to work with a team or independently.
- After 10th grade, career students who are drawn to a particular career are encouraged to take advantage of advanced skill based classes through Puget Sound Skills Center in Burien or a Running Start Program. See the Career Specialist for details.
- Course offerings change from year to year. By *rotating* rather than *repeating* all CTE offerings, we are able to provide a greater variety of career “tastings” for students and stay relevant with changing technology and norms in the workplace.

## **Career & Technical Education Courses: 2021-2022**

### **BUSINESS PATHWAY**

- Financial Algebra
- Entrepreneurship
- Leadership
- Introduction to Marketing
- Introduction to Computer Science (not offered 21-22)
- AP Computer Programming

### **CAREER PATHWAYS**

- Wearable Metals and Jewelry Design
- Ceramics
- Residential Carpentry
- Woodworking

### **MEDIA & DIGITAL ARTS PATHWAY**

- Publishing: Riptide
- Publishing: Yearbook
- Graphic Art & Design (not offered 21-22)

- Photography
- Video Production

### STEM PATHWAY

- Forensics
- STEM Guitar Building (not offered 21-22)

### AGRICULTURAL PATHWAY

- Environmental Science
- AP Environmental Science (not offered 21-22)
- Marine Science
- Introduction to Veterinary Science

### HEALTH SCIENCES & LIFE SKILLS

- Family Health
- Anatomy and Physiology (Not offered 21-22)
- Independent Living (Study Skills)

## BUSINESS PATHWAY

<b>Course Title</b>	<b>Financial Algebra</b>
<b>Course ID</b>	<b>MA0700, MA0701</b>
<b>Description</b>	Financial Algebra is a course that teaches applied math skills through a practical, financial setting. While learning about relevant topics such as income taxes, insurance, banking, budgeting, investing, homeownership, auto ownership and credit, students are introduced to selected algebra, advanced algebra and math analysis topics. This course is helpful for both personal financial skill development and foundational for business careers.
<b>Duration / Frequency</b>	Full Year
<b>Prerequisites</b>	Algebra; Geometry
<b>Fees</b>	None
<b>Other</b>	Open to grades 11 and 12. Satisfies the state requirement for a third year math credit; a parent waiver is required for this course (indicating why the student is opting out of Advanced Algebra), as college-bound students should take Advanced Algebra. <b>Course earns Math credit and fulfills a CTE requirement.</b>

<b>Course Title</b>	<b>Entrepreneurship</b>
<b>Course ID</b>	<b>CT0400</b>
<b>Description</b>	Entrepreneurship is the art and science of creative risk-taking in business. Designed for students who want to make real change in the world, this

	course provides students with the resources to create a business plan, pitch their ideas to others, manage a small company, and (potentially) earn real money for their efforts. General business theory in Marketing, Economics, Business Law, Finance, Operations, Management, and Strategic Management is combined with fun, real-world scenarios, case studies, games, presentations and field trips to build an ideal small business “incubator” to turn innovative ideas into practical solutions for important social problems.
<b>Duration / Frequency</b>	One semester; Course can be taken a total of two times.
<b>Prerequisites</b>	None; open to all grade levels. Content and pace may be challenging for 9th grade students.
<b>Fees</b>	None
<b>Other</b>	<b>Course earns CTE credit.</b>

<b>Course Title</b>	<b>Leadership</b>
<b>Course ID</b>	<b>CT0330</b>
<b>Description</b>	This course is designed to help students become ethical and independent leaders within the school and larger community. Through a “Project Management” framework, students participate in various aspects of the discipline including visioning, planning, budgeting, time management, contracting, responsible decision making, and human resource management. The class implements leadership projects throughout the year through which students put their academic work in the classroom into actual practice. They will also have the opportunity to partner with community members and organizations, both profit and non-profit, on community outreach projects.
<b>Duration / Frequency</b>	<b>Course earns CTE credit.</b> Semester Long class. May be taken 2 times.
<b>Prerequisites</b>	None. Open to all grade levels.
<b>Fees</b>	None

<b>Course Title</b>	<b>Introduction to Marketing</b>
<b>Course ID</b>	<b>CT0290</b>
<b>Description</b>	The course introduces basic marketing principles such as institutional and consumer markets, target marketing, marketing core functions, supply chain, scent marketing, influencer marketing, and the agency pitch. Real life work scenarios are a regular and fun part of this class. Student teams engage with campus organizations and community businesses to develop marketing plans or campaigns for various events. Field trips showcasing small businesses with successful product marketing will take place. Marketing professionals join the class to share their experiences and inspire students. Team responsibilities include conceptualizing the campaign, developing successful strategies, pitching your ideas, creative implementation and assessment of the results.
<b>Duration /</b>	One semester.

<b>Frequency</b>	Course can not be repeated.
<b>Prerequisites</b>	None; open to all grade levels
<b>Fees</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>Introduction to Computer Science (not offered 21-22)</b>
<b>Course ID</b>	<b>CT0270</b>
<b>Description</b>	Created as a college level intro class for non-programmers, this course will introduce the basic concepts involved in programming. This course is intended to provide all students with basic understanding of the concepts and possibilities in programming...the kind of understanding that is useful to professionals in most careers. Projects include game design and simple drag and drop activities to familiarize concepts. Students will have access to professional programmers to assist with projects.
<b>Duration / Frequency</b>	Semester long class
<b>Prerequisites</b>	ALL students are encouraged to consider this ever growing field of study.
<b>Fees</b>	None

<b>Course Title</b>	<b>AP Computer Programming</b>
<b>Course ID</b>	<b>CT0500, CT0501 (Both sections required)</b>
<b>Description</b>	In this <u>year long class</u> , students learn program design and basic programming in Java. The course is equivalent to a college-level semester introduction to programming and prepares students for the <a href="#">Advanced Placement Exam</a> . Topics covered include primitive types, procedural programming (methods, parameters, return values), basic control structures (if/else, for loop, while loop), array manipulation, file processing and using and defining objects (identifying reusable components, class relationships). Students learn by designing, writing and testing their own software.
<b>Duration / Frequency</b>	Year long class; rotates. Must register for both CT0500 and CT0501.
<b>Prerequisites</b>	Algebra 1 or equivalent; Geometry required
<b>Fees</b>	None
<b>Other</b>	This course qualifies as a third year math credit as well as a CTE requirement.

## CAREER PATHWAYS

<b>Course Title</b>	<b>Wearable Metals &amp; Jewelry Design (Jewelry and Advanced Jewelry)</b>
<b>Course ID</b>	<b>CT0250</b>

<b>Description</b>	<p>Beginning students will be introduced to the use of jeweler’s tools and learn basic techniques for metalsmithing and jewelry making. Foundational knowledge is gained by learning the history and properties of metals, along with design fundamentals. Students will fabricate (build) projects using copper, brass and silver. Skills taught include texturing and shaping metal, soldering and cold-joining techniques, and setting stones. This class functions as a working studio. Students are expected to perform with a committed work ethic in order to complete numerous projects. Students will be assessed on their ability to follow directions and complete planned projects, their Employability Skills and Leadership Skills. Career and training opportunities in this trade are discussed. When a beginning student passes technical and leadership skill assessments, they will be assigned to Advanced status for the next semester by the instructor.</p> <hr/> <p>Advanced jewelry: Using the lost wax casting process, advanced students will produce a limited production run. Students will further their fabrication and soldering skills. The hydraulic press is introduced. They will learn about different faceted stone-setting techniques. Emphasis on design, workmanship, employability skills and leadership. Possible additional projects: hollow-forms, chain making, and design.</p>
<b>Duration / Frequency</b>	One semester. May be taken up to 4 times.
<b>Prerequisites</b>	None
<b>Fees</b>	\$40 flat fee for everyone with pay as you go for use of metals, stones and findings; needs based assistance is available.
<b>Other</b>	<b>This class earns CTE credit or can be used as a Fine Arts credit.</b>

<b>Course Title</b>	<b>Ceramics</b>
<b>Course ID</b>	<b>CT0360</b>
<b>Description</b>	Explore the many facets of clay construction and decoration in creating functional, sculptural and decorative clay objects. Hand-building, wheel-throwing, glazing, and firing techniques will be introduced through open-ended problems that require individual unique solutions. An open mind, a desire to experiment, and a willingness to get involved in the creative process are the only prerequisites for this class
<b>Duration / Frequency</b>	One semester. May be taken up to 4 times. When a beginning student passes technical and leadership skill assessments, they will be assigned to Advanced status for the next semester by the instructor.
<b>Prerequisites</b>	None

<b>Fees</b>	\$45. Needs based assistance is available
<b>Other</b>	<b>This class earns CTE credit or can be used as a Fine Arts credit.</b>

<b>Course Title</b>	<b>Residential Carpentry and Advanced Residential Carpentry</b>
<b>Course ID</b>	<b>CT0265</b>
<b>Description</b>	Residential carpentry students learn to construct wood-frame structures using the industry standard: stick-frame construction. Students will learn to use the tools and techniques of the working carpenter. Safe work practices are taught and assessed. In addition to the craft skills taught, the class also teaches leadership and employability skills. Career and training opportunities in this trade are discussed.
<b>Duration / Frequency</b>	One semester. May be taken up to 6 times. When a beginning student passes technical and leadership skill assessments, they will be assigned to Advanced status for the next semester by the instructor.
<b>Prerequisites</b>	None.
<b>Fees</b>	\$40 flat fee with pay as you go charges for lumber used for personal projects. Needs based assistance is available.
<b>Other</b>	<b>This class earns CTE credit</b>

<b>Course Title</b>	<b>Woodworking and Advanced Woodworking</b>
<b>Course ID</b>	<b>CT0260</b>
<b>Description</b>	Woodworking students learn to plan and build projects using the methods and materials of the craft. Students learn to use the tools and techniques of the shop carpenter. Safe shop practices are taught and assessed. Students typically complete 2-3 projects to take home. Career and training opportunities in this trade are discussed. Repeating students have the opportunity to deepen their woodworking skill set by designing and building projects of their own design.
<b>Duration / Frequency</b>	One semester. May be taken up to 4 times. When a beginning student passes technical and leadership skill assessments, they will be assigned to Advanced status for the next semester by the instructor.
<b>Prerequisites</b>	None
<b>Fees</b>	\$40 flat fee for everyone with pay as you go charges for lumber used for personal projects. Needs based assistance is available.
<b>Other</b>	<b>This class earns CTE credit</b>

## MEDIA & DIGITAL ARTS PATHWAY

<b>Course Title</b>	<b>Publishing: The Riptide</b>
<b>Course ID</b>	<b>CT0350 Semester A CT0351 Semester B</b>
<b>Description</b>	This course includes print and online journalism. Students become reporters, directors, producers, and editors, delivering stories to 'The Riptide.' The entire class masters journalistic principles: reporting, media law/ethics, business, advertising, marketing, and photography. Students will also master skills related to desktop publishing and graphic design. Although the instructor teaches skills and advises, the student editors/producers play a large role in choosing content and leading the editing process. Some out of class time is required for this class.
<b>Duration / Frequency</b>	One semester. Course can be taken a total of 6 times. It is strongly recommended that students enroll in this class both semesters in order to maximize personal growth and success. Editors are <u>required</u> to take the course both semesters.
<b>Prerequisites</b>	None; open to all grade levels
<b>Fees</b>	None
<b>Other</b>	<b>This class earns CTE credit</b>

<b>Course Title</b>	<b>Publishing: Yearbook</b>
<b>Course ID</b>	<b>CT0342 Semester A CT0343 Semester B</b>
<b>Description</b>	This course documents the history of VHS students throughout the school year. Together, our team creates, manages and distributes the Vashon Island High School Yearbook. Students are trained in graphic design, journalistic writing, photography, business, contracting and purchasing, marketing, advertising, media law and professional standards and ethics. Essential elements practiced in this class include organization, management skills and impartiality. Optional local summer trainings may be scheduled to develop working partnerships and yearbook-related skills. Serious students are encouraged to attend a summer journalism camp. During the school year, a number of work sessions will be scheduled outside of the school day. Participation is mandatory for at least two of these sessions.  Section A completes the design and organization for the yearbook. Section B completes final sections, distributes and reviews the book and begins planning for next year.
<b>Duration / Frequency</b>	One semester. May be taken up to 4 times. It is strongly recommended that students enroll in this course both semesters in order to maximize personal growth and opportunity for success. Editors are <u>required</u> to take the course both semesters.
<b>Prerequisites</b>	None; open to all grade levels.
<b>Fees</b>	None
<b>Other</b>	<b>This class earns CTE credit</b>

<b>Course Title</b>	<b>Graphic Arts and Design</b> <b>NOT OFFERED 21-22, rotates with Photography or Video Production.</b>
<b>Course ID</b>	<b>CT0240</b>
<b>Description</b>	The visual creations of design are everywhere part of your daily life. Do you know how design works – through color, texture, shape, line and layout – to influence your actions and decisions? You will develop an awareness of graphic design through hands-on projects using Adobe Photoshop and Illustrator, Maxon’s Cinema 4D, the vinyl cutter, and others. Students can expect to learn the basics of design elements, principles and history, image compositing, page layout, illustration, and 3D modeling.
<b>Duration / Frequency</b>	One semester; rotates. Course may be taken 2 times.
<b>Prerequisites</b>	None; open to all grade levels.
<b>Fees</b>	\$10; need based assistance available.
<b>Other</b>	<b>This class earns CTE credit or can be used as a Fine Arts requirement.</b>

<b>Course Title</b>	<b>Photography</b>
<b>Course ID</b>	<b>CT0315</b>
<b>Description</b>	Visual pictures make up a vast part of our experience. By developing photography skills and photographic literacy, we are better equipped to make sense of pictures of the world around us. Students will learn about image composition, lighting, digital photo manipulation, history and the evolution of photographic technology, while exploring its importance in journalism, advertising, fine art, and commercial applications. A group exhibition will culminate our semester’s work.
<b>Duration / Frequency</b>	One semester; rotates.
<b>Prerequisites</b>	None; open to all grade levels.
<b>Fees</b>	\$10; need based assistance available.
<b>Other</b>	<b>This class earns CTE credit and can be used as a Fine Arts requirement.</b> A personal camera is not required to take this class.

<b>Course Title</b>	<b>Video Production</b>
<b>Course ID</b>	<b>CT0210</b>
<b>Description</b>	Have you always wanted to create your own video, share it with others, or even ? Come and learn about the art and technology of making professional quality videos and visual, cinematic storytelling. In this hands-on class students will work with cameras, lighting, audio, scriptwriting, acting, editing and visual effects. A variety of digital videos will be created, including: short films, music videos, commercials, public service announcements, and documentaries.
<b>Duration / Frequency</b>	One semester; rotates. Course may be taken 2 times.

<b>Prerequisites</b>	None; open to all grade levels.
<b>Fees</b>	None
<b>Other</b>	<b>This class earns CTE credit or can be used as a Fine Arts credit.</b>

## STEM (Science, Technology, Engineering and Mathematics)

<b>Course Title</b>	<b>Forensics</b>
<b>Course ID</b>	<b>SC0737</b>
<b>Description</b>	This is a beginning course in Forensic Science, which is the application of science to criminal and civil laws. Topics include toxicology, serology, trace evidence, fire and explosives, fingerprints and DNA evidence. The class will include labs, projects, and career exploration.
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	Two years lab science including Biology
<b>Fees</b>	None
<b>Other</b>	<b>This course earns science credit and can be used as a CTE requirement.</b>

<b>Course Title</b>	<b>Advanced Placement Environmental Science (APES) NOT OFFERED 21-22. Will be offered again 22-23.</b>
<b>Course ID</b>	<b>SC0570, SC0571</b>
<b>Description</b>	In AP Environmental Science, students will explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. The course will include laboratory investigations and field work. Major topics include ecosystems, biodiversity, populations, earth systems and resources, land and water use, energy resources and consumption, atmospheric pollution, aquatic and terrestrial pollution, and global change.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Successful completion of Biology and Chemistry.
<b>Fees</b>	Students are encouraged to take the AP Exam in May. (Cost for the exam is \$100; fee reduced for eligible students.)
<b>Other</b>	<b>The course earns science credit and can be used as a CTE requirement.</b>

<b>Course Title</b>	<b>Environmental Science</b>
<b>Course ID</b>	<b>SC0700</b>
<b>Description</b>	Major themes of the course include science as a process, the energy conversions that underlie all ecological processes, the earth itself as one interconnected system, the rate and scale of human impact on natural systems, the social and cultural context of environmental problems, and the development of sustainable practices as a requirement for long-term human survival.
<b>Duration / Frequency</b>	Semester class
<b>Prerequisites</b>	Successful completion of Biology
<b>Fees</b>	
<b>Other</b>	<b>The course earns science credit and can be used as a CTE requirement.</b>

<b>Course Title</b>	<b>Marine Science</b>
<b>Course ID</b>	<b>SC0732</b>
<b>Description</b>	Seventy percent of the surface of Planet Earth is covered by the ocean. This course will explain how oceans operate and affect life on land. This course will focus on oceanography: plate tectonics, water chemistry, waves, tides, and currents, chemical and physical features of the oceans that in turn affect the biological features of the oceans. Marine Science is a science elective open to anyone interested in studying the ocean and learning more about the marine environment that surrounds Vashon. Lab exercises and fieldwork will incorporate real scientific research supported by many community partners such as the Vashon Nature Center. Beach Naturalist certificate earned with the successful completion of the course. Potential field trips taken during this semester long class include a tour of NOAA, Minter Creek salmon hatchery, and other locations in the Maury Island Aquatic Reserve. Potential overnight field trip opportunity camping and kayaking during low tide.
<b>Duration and/or Frequency</b>	One Semester
<b>Prerequisites</b>	Biology
<b>Fees</b>	None

<b>Other</b>	<b>The course earns science credit or can be used as a CTE requirement.</b>
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<b>Course Title</b>	<b>Introduction to Veterinary Science</b>
<b>Course ID</b>	<b>SC0715</b>
<b>Description</b>	This class will prepare you to become a productive member of a veterinary team. Students will learn about anatomy and physiology, animal restraint, laboratory sample collection, assisting in surgery and dentistry, prescription preparation, and cat and dog breeds. Students will also learn how to interact professionally with clients and to educate them about key topics in pet care, such as nutrition, vaccinations, and administering medication. Students will learn about career options. Guest speakers and field trips will be incorporated into the course.
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	10th, 11th or 12th grade
<b>Fees</b>	None
<b>Other</b>	Students will be working with live animals. <b>This course earns science elective credit and may be used as a CTE requirement.</b>

<b>Course Title</b>	<b>Guitar Building (not offered 21-22)</b>
<b>Course ID</b>	<b>GE0242</b>
<b>Description</b>	<p>New and improved for 2020-2021, Guitar Building will focus heavily on incorporating technology into the design and construction of electric guitars. Using CAD software, students will each design their own one of a kind, custom guitar, which will be shaped and cut using a CNC router. Students will also learn to use a laser cutter, vinyl cutter, and other high tech equipment to add custom detail to their work.</p> <p>This interdisciplinary course combines elements of woodworking, mathematics, and art into guitar construction, while also investigating the mathematical nature of music. Students will learn to play basic major and minor chords on their guitars and analyze the mathematical nature of their instrument.</p> <p>The course requires a \$150 course fee, which covers the cost of materials for your custom guitar. All students will take home their guitars at the end of the course. No previous musical experience is required.</p>
<b>Duration / Frequency</b>	One Semester; not repeatable
<b>Prerequisites</b>	Available to 10th - 12th graders

<b>Fees</b>	\$150 (includes a custom electric guitar for you to keep)
<b>Other</b>	<b>The course can be used as a CTE requirement.</b>

## HEALTH SCIENCES & LIFE SKILLS

<b>Course Title</b>	<b>Family Health</b>
<b>Course ID</b>	<b>CT0200</b>
<b>Description</b>	This course focuses on identifying, creating and sustaining wellness and healthy behaviors. The goal is for students to understand the ways in which their behaviors impact all areas of their lives, and gain an understanding of the prevention of unhealthy behaviors and choices. Students will learn and demonstrate the skills of goal setting, coping with stress, communicating, and decision-making. Disease prevention, media awareness, and accessing community resources are also discussed. Course topics include: health skills, mental/emotional health, drugs/substance abuse, nutrition, family life, sexual health, CPR and AED instruction.
<b>Duration / Frequency</b>	Semester long class. May not be repeated.
<b>Prerequisites</b>	None
<b>Fees</b>	None
<b>Other</b>	Most students take this class in 9th grade. <b>This is a CTE class that meets the Health graduation requirement.</b>

<b>Course Title</b>	<b>Anatomy and Physiology <span style="color: red;">NOT OFFERED 21-22</span></b>
<b>Course ID</b>	<b>SC0722</b>
<b>Description</b>	A lab-based science elective studying the structure and multi- level functioning of systems in the human body. Pathology and disease prevention are highlighted, while guest speakers discuss career opportunities included and tangent to medical practices. Students will learn about the integumentary, digestive, endocrine, urinary, reproductive systems, skeletal, muscular, cardiovascular, respiratory and nervous systems, and understand how each is integral to maintaining overall human health and wellbeing.
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	Biology; Junior or Senior standing.
<b>Fees</b>	
<b>Other</b>	This is a General Level Science Elective. <b>Laboratory Course. This course earns science credit and can be used as a CTE requirement.</b>

<b>Course Title</b>	<b>Independent Living (Study Skills)</b>
<b>Course ID</b>	<b>CT0205</b>
<b>Description</b>	In this class, students learn to manage resources, including time, schoolwork, and relationships, as well as leadership skills, in order to reach both individual and group goals. Students will learn to develop strategies

	and tools to help them address school, career choices, communication skills, and interpersonal relationships.
<b>Duration and/or Frequency</b>	One semester; Not repeatable for CTE credit
<b>Prerequisites</b>	None
<b>Fees</b>	None

## English Core Requirements

<b>Course Title</b>	<b>9th Grade English</b>
<b>Course ID</b>	<b>EN0100, EN0101</b>
<b>Description</b>	9th Grade English is designed to help students grow as readers and writers, and to help students with the transition to high school. The course is focused on three main components: composition, literature, and language. Building on the knowledge and skills developed during middle school, students will study English as a way to prepare for the Smarter Balanced Test, high school, and life in general.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	None
<b>Fees</b>	None
<b>Other</b>	<b>Honors Designation Available</b>

<b>Course Title</b>	<b>10th Grade English</b>
<b>Course ID</b>	<b>EN0200, EN0201</b>
<b>Description</b>	10th Grade English continues building on the knowledge and skills developed during the ninth grade. While the first semester focuses more on composition, and the second semester has a stronger focus on literature, both semesters continue to use the study of English as a way to prepare for the Smarter Balanced Test, high school, and life in general.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	9th Grade English
<b>Fees</b>	None
<b>Other</b>	<b>Honors Designation Available</b>

<b>Course Title</b>	<b>11th Grade English</b>
<b>Course ID</b>	<b>EN0300, EN0301</b>
<b>Description</b>	Eleventh-Grade English focuses on the literature of the United States and

	helps to prepare students for the SAT. Blending analytical and creative assignments, the class will trace the development of significant moments in our country's cultural evolution as manifested in our fiction, poetry, and drama in order to explore the ways in which literature is both a product of and catalyst for historical events.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	10th Grade English
<b>Fees</b>	None
<b>Other</b>	<b>Honors Designation Available</b>

<b>Course Title</b>	<b>12th Grade English</b>
<b>Course ID</b>	<b>EN0400, EN0401</b>
<b>Description</b>	This course is designed to build reading and writing skills for life beyond high school. The first semester includes a unit on writing college application and scholarship notebook essays, as well as units on interpreting literature and compositional strategies. Students will also study rhetorical strategies and practice public speaking techniques.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	11th Grade English
<b>Fee</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>AP English Literature &amp; Composition</b>
<b>Course ID</b>	<b>EN0500, EN0501</b>
<b>Description</b>	This college-level course is a deep dive into literary interpretation, with a particular focus on close reading and composing analytical essays. Through a blend of analytical and creative assignments the class explores fiction, poetry and drama as preparation for the Advanced Placement English Literature & Composition Test.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	11th Grade English
<b>Fee</b>	Students are encouraged to take the AP exam in May. (Cost for exam is \$100; fees reduced for eligible students.)
<b>Other</b>	

## English Support Class

<b>Course Title</b>	<b>Reading/Literacy Support</b>
<b>Course ID</b>	<b>EN0110</b>
<b>Description</b>	<p>Students will learn reading comprehension skills including: using context clues and word parts, skimming and scanning, developing questions, identifying the main idea, purpose, viewpoint and significant details of informational text, making predictions/inferences and drawing conclusions and paraphrasing and summarizing.</p> <p>Classes will be structured to include both in-class activities and independent reading.</p>
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	Identified by staff
<b>Fees</b>	None
<b>Other</b>	Students will receive an elective credit for this Reading/Literacy Support class, but not a credit toward the state English graduation requirement.

## Fine and Performing Arts Electives

<b>Course Title</b>	<b>Ceramics</b>
<b>Course ID</b>	<b>CT0360</b>
<b>Description</b>	<p>Explore the many facets of clay construction and decoration in creating functional, sculptural and decorative clay objects. Hand-building, wheel-throwing, glazing, and firing techniques will be introduced through open-ended problems that require individual unique solutions.</p> <p>An open mind, a desire to experiment, and a willingness to get involved in the creative process are the only prerequisites for this class</p>
<b>Duration / Frequency</b>	<p>One semester class. May be taken up to 4 times.</p> <p>When a beginning student passes technical and leadership skill assessments, they will be assigned to Advanced status for the next semester by the instructor.</p>
<b>Prerequisites</b>	None

<b>Fees</b>	\$45; needs based assistance is available
<b>Other</b>	<b>This class earns CTE credit or can be used as a Fine Arts credit.</b>

<b>Course Title</b>	<b>Art and Design</b>
<b>Course ID</b>	<b>FA0700</b>
<b>Description</b>	<p>Students explore a variety of media providing a foundation in the elements and principles of art with an emphasis on drawing and painting. This course may also include: printmaking, collage, and mosaic work.</p> <p>The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere. This course is a suggested prerequisite for the AP program.</p>
<b>Duration / Frequency</b>	<p>One semester. Course may be taken more than once with instructor approval.</p> <p>Students re-taking this course can expect to be challenged to additional media, portfolio development and expectations relevant to a serious art student.</p>
<b>Prerequisites</b>	None
<b>Fees</b>	\$40; needs based assistance is available
<b>Other</b>	

<b>Course Title</b>	<b>AP Studio Art</b>
<b>Course ID</b>	<b>FA0710, FA0711</b>
<b>Description</b>	<p>In this advanced course students will work on a 2D, 3D or Drawing Portfolio as defined by the Advanced Placement Studio Art criteria.</p> <p>This is a year long class, students will be provided with a syllabus/sketchbook in the spring prior to enrollment, and will be expected to begin production of artwork during the summer and attend occasional SMART/After School sessions with the instructor.</p>
<b>Duration / Frequency</b>	Year Long, with summer/SMART/after school participation
<b>Prerequisites</b>	Suggested 2 semesters of visual art and teacher recommendation. Enrollment open to 11th and 12th graders.
<b>Fees</b>	<p>Materials Fee \$75.</p> <p>Students are encouraged to take the AP exam in May. (Cost for exam is \$100; fees reduced for eligible students.)</p>
<b>Other</b>	

<b>Course Title</b>	<b>Contemporary Craft</b> <b>NOT OFFERED 21-22</b>
<b>Course ID</b>	<b>FA0712</b>
<b>Description</b>	<p>Students explore a variety of media, with an emphasis on practical function and design.</p> <p>Two-dimensional media may include: drawing; graphite and pen/ink, painting, printmaking, with an emphasis on works for function (greeting cards, calendars, charts, etc.)</p> <p>Three-dimensional media may include: candle making, fabric (hand dyeing, mending, and decorating), mosaic, and working with found objects as well as weaving, lamp-making, screen printing, and embroidery just to name a few.</p> <p>The study of art history, cultures, and contemporary artists will incorporate vocabulary and the elements and principles of design. Emphasis will be placed on creating works that cultivates elegance of design alongside functional purpose.</p>
<b>Duration / Frequency</b>	One semester, Course may be taken more than once with instructor approval.
<b>Prerequisites</b>	none
<b>Fees</b>	Materials fee \$40
<b>Other</b>	

## Performing Arts

<b>Course Title</b>	<b>Theater Arts I</b>
<b>Course ID</b>	<b>FA0720</b>
<b>Description</b>	<p>The class emphasizes acting technique, developed through improvisation, theatre games, and scripted material.</p> <p>The class focuses on nurturing skills of concentration, imagination, movement and voice, character and scene development, and ensemble. Interested students in the class also have an opportunity to gain an introduction to technical theatre. Students are required to perform in an evening showcase near the end of the semester and to attend an after school rehearsal before that showcase.</p> <p>Homework involves memorization, script and character analysis</p>

	assignments, reading at least one full-length play, attending at least one play during the semester, and writing 1 paper of 2-5 pages.
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	None
<b>Fees</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>Advanced Theatre Arts</b>
<b>Course ID</b>	<b>FA0721</b>
<b>Description</b>	<p>Students will rehearse and perform a full-length musical or play. Rehearsal and performance techniques, singing and dancing, characterization and ensemble skills form the core of this class. Students are required to attend after school rehearsals throughout the term from beginning to end. Performances will occur over 3 weekends in May.</p> <p>Homework includes memorization, character and script analysis, rehearsals, and at least 4 hours of production work on publicity, set construction, costumes, lighting, props, painting, etc.</p> <p>There are also openings for several students who wish to work as lighting or sound technicians, directing assistant, or stage manager.</p> <p>After school rehearsals are REQUIRED for all students in the class, so this may not be an appropriate elective choice for students who have regular commitments after school, including jobs, team sports, or other school-related activities. Failure to attend after school rehearsals will adversely impact your grade, and repeatedly missing rehearsals may result in loss of credit for the class.</p> <p>Only your best is good enough.</p>
<b>Duration / Frequency</b>	One semester; course may be repeated for credit
<b>Prerequisites</b>	Theater Arts I and/or instructor permission
<b>Fee</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>Band</b>
<b>Course ID</b>	<b>FA0730, FA0731</b>
<b>Description</b>	<p>Full-year performance-based course reinforces basic band concepts: tone, balance, blend, intonation, phrasing, interpretation, style, and teaches music theory, history, and soloistic playing. Students graded on an individual basis. Home practice required and private lessons encouraged. Students are required to follow the Activities Code.</p>
<b>Duration / Frequency</b>	Year Long

<b>Prerequisites</b>	Previous band experience and/or teacher approval
<b>Fees</b>	None
<b>Other</b>	

## Mathematics Core Offerings

<b>Course Title</b>	<b>Algebra</b>
<b>Course ID</b>	<b>MA0110, MA0111</b>
<b>Description</b>	Algebra is a full-year course required for graduation. Major topics include: number sense, seeing structure in expressions, creating equations, reasoning with equations and inequalities and interpreting functions. The focus includes linear, exponential and quadratic functions with applied problems in all areas.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Pre-Algebra
<b>Fees</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>Geometry</b>
<b>Course ID</b>	<b>MA0200, MA0201</b>
<b>Description</b>	Geometry is a full-year course required for graduation. This course includes the language and logic of geometry, reasoning skills, study of parallel lines, triangles and polygons, and formal proofs, similarity, right triangles, properties of circles and areas and volumes of geometric figures.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Students are required to pass Algebra
<b>Fees</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>Advanced Algebra</b>
<b>Course ID</b>	<b>MA0310, MA0311</b>
<b>Description</b>	This is a full-year course that meets the state 3 <sup>rd</sup> year high school math requirement. It is required for admission to four-year universities. Major topics include: number sense, seeing structure in expressions, creating equations, reasoning with equations and inequalities and interpreting functions. The focus includes polynomial, exponential, logarithmic, rational and trigonometric functions with applied problems in all areas.
<b>Duration / Frequency</b>	Year Long

<b>Prerequisites</b>	Students are required to pass Geometry (Recommended C- or better)
<b>Fees</b>	None
<b>Other</b>	Purchase of a graphing calculator (recommended TI-84+, TI-84+C, TI-84+C Silver Edition, non-CAS) required.

### Mathematics Electives

<b>Course Title</b>	<b>Financial Algebra</b>
<b>Course ID</b>	<b>MA0700, MA0701</b>
<b>Description</b>	Financial Algebra is a course that teaches applied math skills through a practical, financial setting. While learning about relevant topics such as income taxes, insurance, banking, budgeting, investing, homeownership, auto ownership and credit, students are introduced to selected algebra, advanced algebra and math analysis topics. This course is helpful for both personal financial skill development and foundational for business careers.
<b>Duration / Frequency</b>	Full Year
<b>Prerequisites</b>	Algebra; Geometry
<b>Fees</b>	None
<b>Other</b>	Open to grades 11 and 12. Satisfies the state requirement for a third year math credit; a parent waiver is required for this course (indicating why the student is opting out of Advanced Algebra), as college-bound students should take Advanced Algebra. <b>Course earns Math credit and fulfills a CTE requirement.</b>

<b>Course Title</b>	<b>Trigonometry</b>
<b>Course ID</b>	<b>MA0712</b>
<b>Description</b>	This course is necessary for college readiness. The course focuses on topics of trigonometric functions, right triangle relationships, radian measure and the unit circle, graphs of circular functions, trigonometric identities, inverse circular functions and trigonometric equations, applications of trigonometry, complex numbers, polar equations and parametric equations.
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	Advanced Algebra (Recommended C- or better) or instructor permission
<b>Fees</b>	None
<b>Other</b>	A graphing calculator (recommended TI-84+, TI-84+C, TI-84+C Silver Edition, non-CAS) is recommended.

<b>Course Title</b>	<b>Math Analysis</b>
<b>Course ID</b>	<b>MA0715</b>

<b>Description</b>	This course is highly recommended for college readiness. The course focuses on topics of function analysis, non-linear systems, conic sections, discrete mathematics, and sequences; problem solving and modeling; and an introduction to limits. This course is traditionally the second semester of Pre-Calculus.
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	Trigonometry (Recommended C- or better)
<b>Fees</b>	None
<b>Other</b>	A graphing calculator (recommended TI-84+, TI-84+C, TI-84+C Silver Edition, non-CAS) is recommended.

<b>Course Title</b>	<b>AP Statistics</b> <b>NOT OFFERED 21-22</b>
<b>Course ID</b>	MA0520, MA0521
<b>Description</b>	This course is recommended for all students! This is a full year course equivalent to 1st semester college level Statistics course and prepares students for the AP Statistics Exam (Note: Taking the AP test is highly recommended). Topics studied include data collection, survey and experiment techniques, along with data analysis techniques.
<b>Duration / Frequency</b>	Year long
<b>Prerequisites</b>	Students are required to pass Algebra and Geometry.
<b>Fees</b>	Students are encouraged to take the AP Exam in May. (Cost for exam is \$100; fees reduced for eligible students.)
<b>Other</b>	A graphing calculator (recommended TI-84+, TI-84+C, TI-84+C Silver Edition, non-CAS) is recommended.

<b>Course Title</b>	<b>AP Calculus</b>
<b>Course ID</b>	<b>MA0500, MA0501</b>
<b>Description</b>	This course is recommended for students pursuing areas of study in STEM (Science, Technology, Engineering, and Mathematics) fields. This is a full year course equivalent to 1 <sup>st</sup> semester college level Calculus and prepares students for the AP Calculus AB Exam (Note: Taking the AP test is highly recommended). Topics of study include limits, differentiation and its applications and techniques, and integration and its applications and techniques, with problem solving and modeling throughout.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Trigonometry and Math Analysis (Recommended C- or better)
<b>Fees</b>	Students are encouraged to take the AP Exam in May. (Cost for exam is \$100; fees reduced for eligible students.)
<b>Other</b>	A graphing calculator (recommended TI-84+, TI-84+C, TI-84+C Silver Edition, non-CAS) is recommended.

## Physical Education Electives

<b>Course Title</b>	<b>Weight Training &amp; Conditioning</b>
<b>Course ID</b>	<b>PE0731</b>
<b>Description</b>	This course will give students the opportunity to acquire basic knowledge in designing and implementing a weight-training program while taking into account their individual goals and fitness level. This class is open to all students and may be repeated for credit. Credits earned may be applied to the VHS PE graduation requirement.
<b>Duration / Frequency</b>	One semester. When a beginning student passes technical and leadership skill assessments, they will be assigned to Advanced status for the next semester by the instructor. Course can be repeated.
<b>Prerequisites</b>	None
<b>Fees</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>Tournament P. E.</b>
<b>Course ID</b>	<b>PE0700</b>
<b>Description</b>	This course is intended to give the student an opportunity to be involved in a Physical Education class that is competitive in nature. Students will be involved in both individual and team sports through tournament play. The tournaments will be in the following two formats: Round-Robin and Single/Double Elimination. The sports that the students will be involved in may include basketball, volleyball, soccer, pickleball, badminton, and flag-football. This class is open to all students and may be repeated for credit. Credits earned may be applied to the VHS PE graduation requirement.
<b>Duration / Frequency</b>	One semester, class may be repeated for credit.S
<b>Prerequisites</b>	None
<b>Fees</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>Mind &amp; Body Fitness</b>
<b>Course ID</b>	<b>PE0736</b>
<b>Description</b>	This class is designed to promote stress reduction in your mind and body. It will include walking, yoga, tai chi, stretching, breathing techniques, and

	more. The class is open to all students looking to find a way to navigate through the stressful situations of life. This class can be repeated for credit and can be applied to the PE graduation requirement.
<b>Duration / Frequency</b>	One semester, class may be repeated for credit.
<b>Prerequisites</b>	None
<b>Fees</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>Walking (or running) for Fitness</b>
<b>Course ID</b>	<b>PE0735</b>
<b>Description</b>	This course is designed for students looking to improve their individual fitness levels by walking (or running). Students will learn to monitor their heart rate as they increase their fitness levels. This class is open to all students and may be repeated for credit. Credits earned may be applied to the VHS PE graduation requirement.
<b>Duration / Frequency</b>	One semester, class may be repeated for credit.
<b>Prerequisites</b>	None
<b>Fees</b>	None
<b>Other</b>	

## Science Core Offerings

<b>Course Title</b>	<b>Biology</b>
<b>Course ID</b>	<b>SC0200, SC0201</b>
<b>Description</b>	Students will trace the cycling of matter and the flow of energy through the carbon -transforming processes that are central to understanding living systems. They will study these processes in plants and animals at the atomic-molecular, cellular, and macroscopic scale, before zooming out and exploring how humans are transforming environmental systems on a global scale. Students will also study molecular genetics, Mendelian genetics, ecology, and evolution. In the spring, students will complete an environmental survey as part of a community science project in collaboration with the Vashon Nature Center
<b>Duration/ reQUENCY</b>	Year Long
<b>Prerequisites</b>	None

<b>Fees</b>	
<b>Other</b>	<b>Meets Laboratory Course Requirement Honors Designation Available</b>

<b>Course Title</b>	<b>Chemistry</b>
<b>Course ID</b>	<b>SC0300, SC0301</b>
<b>Description</b>	This laboratory class will cover topics focusing on the structure and properties of matter, chemical reactions, and energy. This course will emphasize building scientific skills and practices such as analyzing and interpreting data, planning and carrying out investigations, and applying mathematical reasoning. Tests are cumulative through the course.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Successful completion of Biology and Algebra
<b>Fees</b>	
<b>Other</b>	<b>Meets Laboratory Course Requirement</b>

<b>Course Title</b>	<b>Physics</b>
<b>Course ID</b>	<b>SC0400, SC0401</b>
<b>Description</b>	Topics include: electrostatics, circuits and electricity, magnetism, energy, energy transfer, motion analysis, forces, projectile motion, rotational motion and waves, including light, sound and gravity.
<b>Duration / frequency</b>	Year Long
<b>Prerequisites</b>	Successful completion of Biology and Chemistry
<b>Fees</b>	None
<b>Other</b>	<b>Meets Laboratory Course Requirement</b>

## Science Electives

<b>Course Title</b>	<b>Advanced Placement Chemistry</b>
<b>Course ID</b>	<b>SC0500, SC0501</b>
<b>Description</b>	AP Chemistry is designed to be the equivalent of a college introductory chemistry course. The course moves at a rapid pace and covers the structure and properties of atoms and molecules, intermolecular forces, chemical reactions, kinetics, thermodynamics, equilibrium, acid-base chemistry in addition to other topics typically covered in a first-year college course. Students will be expected to take individual notes, complete daily

	and weekly assignments, keep a laboratory notebook, and work collaboratively with their peers. Students are required to have already successfully completed 1 year of a high school chemistry course. This class requires a summer assignment and significant independent work outside of class.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Successful completion of Chemistry (A- or A) and Instructor Permission Co-enrollment in or previous completion of physics is highly recommended
<b>Fees</b>	Students are encouraged to take the AP exam in May. (Cost for exam is \$100; fee reduced for eligible students.)
<b>Other</b>	<b>Meets Laboratory Course Requirement</b>

<b>Course Title</b>	<b>Advanced Placement Environmental Science (APES) NOT OFFERED 21-22. WILL BE OFFERED AGAIN IN 22/23.</b>
<b>Course ID</b>	<b>SC0570, SC0571</b>
<b>Description</b>	In AP Environmental Science, students will explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. The course will include laboratory investigations and field work. Major topics include ecosystems, biodiversity, populations, earth systems and resources, land and water use, energy resources and consumption, atmospheric pollution, aquatic and terrestrial pollution, and global change.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Successful completion of Biology and Chemistry.
<b>Fees</b>	Students are encouraged to take the AP Exam in May. (Cost for the exam is \$100; fee reduced for eligible students.)
<b>Other</b>	<b>The course earns science credit and can be used as a CTE requirement. Meets Laboratory Course Requirement.</b>

<b>Course Title</b>	<b>Environmental Science</b>
<b>Course ID</b>	<b>SC0700</b>
<b>Description</b>	Major themes of the course include science as a process, the energy conversions that underlie all ecological processes, the earth itself as one interconnected system, the rate and scale of human impact on natural systems, the social and cultural context of environmental problems, and

	the development of sustainable practices as a requirement for long-term human survival.
<b>Duration / Frequency</b>	Semester class
<b>Prerequisites</b>	Successful completion of Biology
<b>Fees</b>	
<b>Other</b>	<b>The course earns science credit and can be used as a CTE requirement. Meets Laboratory Course Requirement</b>

<b>Course Title</b>	<b>Forensics</b>
<b>Course ID</b>	<b>SC0737</b>
<b>Description</b>	This is a beginning course in Forensic Science, which is the application of science to criminal and civil laws. Topics include toxicology, serology, trace evidence, fire and explosives, fingerprints and DNA evidence. The class will include labs, projects, and career exploration.
<b>Duration and/or Frequency</b>	One Semester
<b>Prerequisites</b>	Two years lab science, Biology
<b>Fees</b>	None
<b>Other</b>	<b>The course earns science credit and can be used as a CTE requirement. Meets Laboratory Course Requirement</b>

<b>Course Title</b>	<b>Marine Science</b>
<b>Course ID</b>	<b>SC0732</b>
<b>Description</b>	Seventy percent of the surface of Planet Earth is covered by the ocean. This course will explain how oceans operate and affect life on land. This course will focus on oceanography: plate tectonics, water chemistry, waves, tides, and currents, chemical and physical features of the oceans that in turn affect the biological features of the oceans. Marine Science is a science elective open to anyone interested in studying the ocean and learning more about the marine environment that surrounds Vashon. Lab exercises and fieldwork will incorporate real scientific research supported by many community partners such as the Vashon Nature Center. Beach Naturalist certificate earned with the successful completion of the course. Potential field trips taken during this semester long class include a tour of NOAA, Minter Creek

	salmon hatchery, and other locations in the Maury Island Aquatic Reserve. Potential overnight field trip opportunity camping and kayaking during low tide.
<b>Duration and/or Frequency</b>	One Semester
<b>Prerequisites</b>	Biology
<b>Fees</b>	None
<b>Other</b>	<b>The course earns science credit or can be used as a CTE requirement. Meets Laboratory Course Requirement</b>

<b>Course Title</b>	<b>Introduction to Veterinary Science</b>
<b>Course ID</b>	<b>SC0715</b>
<b>Description</b>	This class will prepare you to become a productive member of a veterinary team. Students will learn about anatomy and physiology, animal restraint, laboratory sample collection, assisting in surgery and dentistry, prescription preparation, and cat and dog breeds. Students will also learn how to interact professionally with clients and to educate them about key topics in pet care, such as nutrition, vaccinations, and administering medication. Students will learn about career options. Guest speakers and field trips will be incorporated into the course.
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	10th, 11th or 12th grade
<b>Fees</b>	None
<b>Other</b>	Students will be working with live animals. <b>This course earns science elective credit and may be used as a CTE requirement. Meets Laboratory Course Requirement</b>

<b>Course Title</b>	<b>Anatomy and Physiology <span style="color: red;">NOT OFFERED IN 21-22</span></b>
<b>Course ID</b>	<b>SC0722</b>
<b>Description</b>	A lab-based science elective studying the structure and multi-level functioning of systems in the human body. Pathology and disease prevention are highlighted, while guest speakers discuss career opportunities included and tangent to medical practices. Students will learn about the integumentary, digestive, endocrine, urinary, reproductive systems, skeletal, muscular, cardiovascular, respiratory and nervous systems, and understand how each is integral to maintaining overall human health and wellbeing.
<b>Duration / Frequency</b>	One semester

<b>Prerequisites</b>	Biology. Open to 11th and 12th graders.
<b>Fees</b>	
<b>Other</b>	This is a General Level Science Elective. <b>Meets Laboratory Course Requirement.</b> <b>This course earns science credit and can be used as a CTE requirement.</b>

## Social Studies Core Offerings

<b>Course Title</b>	<b>Human Geography</b>
<b>Course ID</b>	<b>S00110</b>
<b>Description</b>	Students will be introduced to the systematic study of patterns and processes that have shaped human interaction throughout the world, and the use and alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students will also learn about the methods and tools geographers use in their science and practice.
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	None
<b>Fees</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>World History</b>
<b>Course ID</b>	<b>S00200, S00201</b>
<b>Description</b>	World History is an art-history focused course that emphasizes the use of visual, written, and aural sources to access the "grand story" of history from the Prehistory to 1450. This course prepares students for AP US History or US History in 11th grade through instruction and practice with the analytical modes and argumentation common to historical inquiry. Areas of emphasis, in addition to the arts, will include world religions and philosophies, anthropological studies, and economics. Themes of race, class, and gender will be addressed throughout the course. Students wishing to obtain an honors designation will be required to select the honors option by the second week of class.
<b>Duration / Frequency</b>	Year Long. Offered every year.
<b>Prerequisites</b>	None
<b>Fees</b>	None
<b>Other</b>	<b>Honors Designation Available</b>

<b>Course Title</b>	<b>US History</b>
<b>Course ID</b>	<b>SO0300, SO0301</b>
<b>Description</b>	Open to all 11th graders. Content covers Reconstruction to modern US History. This course is a college prep course and follows the course content devised by the state scope and sequence requirements.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Completion of World History
<b>Fees</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>US Government and Politics</b>
<b>Course ID</b>	<b>SO0400</b>
<b>Description</b>	Course content includes the Constitution, political beliefs and behaviors, political parties, interest groups, mass media, the institutions of national government, public policy, and civil rights and liberties. Skill development focuses on written analysis and interpretation of course content.
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	12th grade standing or instructor approval
<b>Fees</b>	None
<b>Other</b>	

### Social Studies Electives

<b>Course Title</b>	<b>AP Human Geography</b>
<b>Course ID</b>	<b>SO0505, SO0506</b>
<b>Description</b>	This course prepares students for the AP Human Geography Exam in the spring (the AP Test is recommended, but not mandatory). Students will be introduced to the systematic study of patterns and processes that have shaped human understanding, and the use and alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students will also learn about the methods and tools geographers use in their science and practice.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	None
<b>Fees</b>	Students are encouraged to take the AP exam in May. (Cost for the exam is \$100; fee reduced for eligible students.)

<b>Other</b>	
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<b>Course Title</b>	<b>AP US History</b>
<b>Course ID</b>	<b>S00515, S00516</b>
<b>Description</b>	AP US History is open to all 11th graders. The AP US History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in US history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Completion of World History
<b>Fees</b>	Students are encouraged to take the AP exam in May. (Cost for exam is \$100; fee reduced for eligible students.)
<b>Other</b>	All students are encouraged to purchase a test-prep book such as <u>Cracking the AP US History Exam</u> , <u>AMSCO</u> , or <u>AP US History Crash Course</u> by REA.

<b>Course Title</b>	<b>AP US Government and Politics</b>
<b>Course ID</b>	<b>S00500, S0501</b>
<b>Description</b>	Course content includes the Constitution, political beliefs and behaviors, political parties, interest groups, mass media, the institutions of national government, public policy, and civil rights and liberties. Skill development focuses on written analysis and interpretation of course content. Course prepares students for <i>AP US Government Exam</i> in the spring (recommended but not mandatory).
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Successful completion of US History or AP US History
<b>Fees</b>	Students are encouraged to take the AP exam in May. (Cost for exam is \$100; fee reduced for eligible students.)
<b>Other</b>	

<b>Course Title</b>	<b>Introduction to Psychology</b>
<b>Course ID</b>	<b>S00730</b>
<b>Description</b>	Introduction to Psychology is a course that combines study of psychological content such as brain anatomy and the nervous system, consciousness, sleep and dreams, hypnosis, stages of life, psychology of social groups, and psychological disorders with the regular practice of mindfulness and positive psychology exercises. The mindfulness practices are designed to train your mind to have better control of your attention, regulation of emotion, and self-awareness, which will help you at school and in your life as a whole. The positive psychology exercises help counteract our natural negativity bias and frame our lives in empowering ways. Learn something about the human mind, how to live life more fully, and how to better enjoy the people around you!
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	11th or 12th graders.
<b>Fees</b>	None
<b>Other</b>	

<b>Course Title</b>	<b>AP Comparative Government and Politics</b>
<b>Course ID</b>	<b>S00502</b>
<b>Description</b>	This course uses a comparative approach to examine the political structures, policies and challenges among six selected countries: United Kingdom, Mexico, Russia, Iran, China and Nigeria. Students will compare and contrast political institutions and processes across countries. Students will use a variety of academic and current-event sources to examine political institutions, policies and issues in these countries.
<b>Duration / Frequency</b>	One semester – First Semester only. This is an elective course. It is not a replacement for U.S. Government or AP U.S. Government.
<b>Prerequisites</b>	11th or 12th graders; 10th graders accepted if class not filled
<b>Fees</b>	Students are encouraged to take the AP exam in May. (Cost for exam is \$100; fee reduced for eligible students.)
<b>Other</b>	Students are strongly encouraged to attend a series of review sessions to be held before the AP exam.

## World Language Courses

### French

<b>Course Title</b>	<b>French I</b>
<b>Course ID</b>	<b>WL2100, WL2101</b>
<b>Description</b>	French I is a two-semester course focused on developing basic communication skills and cultural awareness through active engagement in listening, speaking, reading and writing activities. Students will be able to ask and answer basic questions on familiar topics, and will generate simple stories and descriptive writing using high-frequency words and phrases as they progress toward the American Council of Teachers of Foreign Languages "Novice Mid" proficiency level. First-year students will also survey francophone cultures on five continents. Class will be conducted primarily in French; active participation is essential.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	None
<b>Fees</b>	
<b>Other</b>	

<b>Course Title</b>	<b>French II</b>
<b>Course ID</b>	<b>WL2200, WL2201</b>
<b>Description</b>	French II is a two-semester course focused on furthering students' communication skills and cultural awareness through ongoing active engagement in listening, speaking, reading and writing activities. Students will be able to ask and answer meaningful questions on a broadening range of familiar topics, and will continue to develop their reading and writing proficiency in French. Students will progress toward the American Council of Teachers of Foreign Languages "Novice High" proficiency level. Second-year students will also study several distinct francophone cultures in greater depth. Class will be conducted primarily in French; active participation is essential.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Recommended 2.5 or higher in French I
<b>Fees</b>	
<b>Other</b>	

<b>Course Title</b>	<b>French III</b>
<b>Course ID</b>	WL2300, WL2301
<b>Description</b>	French III is a two-semester course focused on furthering students' communication skills and cultural awareness through ongoing active

	engagement in listening, speaking, reading and writing activities. Students will be able to ask and answer meaningful questions on a broadening range of topics, and will continue to develop their reading and writing proficiency in French. Students will progress toward the American Council of Teachers of Foreign Languages "Intermediate Low" proficiency level. Third-year students will also study several distinct francophone cultures in greater depth, as well as current events unfolding in French-speaking communities around the world. Class will be conducted primarily in French; active participation is essential.
<b>Duration / Frequency</b>	Full Year
<b>Prerequisites</b>	Recommended 2.5 or higher in French II
<b>Fees</b>	
<b>Other</b>	

## Spanish

<b>Course Title</b>	<b>Spanish I</b>
<b>Course ID</b>	<b>WL1100, WL1101</b>
<b>Description</b>	This two-semester course is designed for the novice speaker to gain fluency through active participation. Students will be able to ask and answer basic questions on familiar topics, and will generate simple stories and descriptive writing using high-frequency words and phrases as they progress toward the American Council of Teachers of Foreign Languages "Novice Mid" proficiency level. Students will be able to produce a modest number of written words and phrases with a high degree of accuracy on familiar topics. Daily participation and engagement are essential. The goal is to advance students toward the "Novice Mid" proficiency level as defined by the American Council of Teachers of Foreign Languages (ACTFL).
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	None
<b>Fees</b>	
<b>Other</b>	

<b>Course Title</b>	<b>Spanish II</b>
<b>Course ID</b>	<b>WL1200, WL1201</b>
<b>Description</b>	Spanish II is an elective course offered to all students interested in developing their written and oral proficiency skills in the target language through active participation. Students will be able to communicate meaningful Spanish phrases and sentences on familiar topics. They will

	take responsible risks to improve their understanding of and gain familiarity with various Spanish-speaking cultures. The goal is to advance students toward the “Novice High” proficiency level as defined by the American Council of Teachers of Foreign Languages (ACTFL).
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Recommended 2.5 or higher in Spanish I
<b>Fees</b>	
<b>Other</b>	

<b>Course Title</b>	<b>Spanish III</b>
<b>Course ID</b>	<b>WL1300,WL1301</b>
<b>Description</b>	This elective is designed for students who want to deepen their practice of Spanish in a “near-immersion” environment. Students will have fun, work, and sometimes struggle to speak, read, and write in the target language. Active participation, making mistakes, and abandoning fear are critical to helping students successfully move toward the ACTFL “Intermediate Low” proficiency level. Current events, poems, short stories, and films will serve as texts.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Recommended 2.5 or higher in Spanish II
<b>Fees</b>	
<b>Other</b>	

<b>Course Title</b>	<b>Spanish IV</b>
<b>Course ID</b>	<b>WL1400,WL1401</b>
<b>Description</b>	Spanish IV students continue to expand their vocabulary and grammar while putting into service previously learned material. This class also explores Latin American Studies through non-fiction readings, literature, film, projects, and occasional guest speakers. Students will gain experience with material used on college placement exams. Active participation, making mistakes, and commitment to an all-Spanish environment are critical to helping students successfully move toward the ACTYear LongFL “Intermediate Mid” proficiency level.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Recommended 2.5 or higher in Spanish III
<b>Fees</b>	
<b>Other</b>	

<b>Course Title</b>	<b>AP Spanish Language and Culture</b>
<b>Course ID</b>	<b>WL1510, WL1511</b>
<b>Description</b>	AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.
<b>Duration / Frequency</b>	Year Long
<b>Prerequisites</b>	Spanish 3 or credit by examination
<b>Fees</b>	Students are encouraged to take the AP exam in May. (Cost for exam is \$100; fee reduced for eligible students.)
<b>Other</b>	

### General Electives

<b>Course Title</b>	<b>Post High School Prep</b>
<b>Course ID</b>	<b>GE0490</b>
<b>Description</b>	This class is offered as an elective credit (1st semester only) specifically for seniors to explore post high school options and/or starting the process of college admissions. The foundations of this course will focus on understanding the college admissions process, completing college applications, and writing the personal essay. Students will also organize and produce many of the artifacts needed to complete the Senior Scholarship Notebook. A portion of the class will be devoted to the FAFSA, understanding student loan options, organizing a first year college budget, and obtaining CPR/First Aid Certification.
<b>Duration and/or Frequency</b>	One semester Course may be taken 1 time.
<b>Prerequisites</b>	Must be a Senior
<b>Fees</b>	None

<b>Course Title</b>	<b>Guitar Building</b> <span style="color: red;"><b>NOT OFFERED 21-22</b></span>
<b>Course ID</b>	<b>GE0242</b>
<b>Description</b>	New and improved for 2020-2021, Guitar Building will focus heavily on incorporating technology into the design and construction of electric guitars. Using CAD software, students will each design their own one of a kind, custom guitar, which will be shaped and cut using a CNC router. Students

	<p>will also learn to use a laser cutter, vinyl cutter, and other high tech equipment to add custom detail to their work.</p> <p>This interdisciplinary course combines elements of woodworking, mathematics, and art into guitar construction, while also investigating the mathematical nature of music. Students will learn to play basic major and minor chords on their guitars and analyze the mathematical nature of their instrument.</p> <p>The course requires a \$150 course fee, which covers the cost of materials for your custom guitar. All students will take home their guitars at the end of the course. No previous musical experience is required.</p>
<b>Duration / Frequency</b>	One Semester; not repeatable
<b>Prerequisites</b>	Available to 10th - 12th graders
<b>Fees</b>	\$150 (includes a custom electric guitar for you to keep)
<b>Other</b>	<b>The course can be used as a CTE requirement.</b>

<b>Course Title</b>	<b>Library, Office, or Teaching Assistant</b>
<b>Course ID</b>	<b>TA0230 (Library), TA0220 (Office), TA0240 (Teaching Assistant)</b>
<b>Description</b>	<p>Students are placed with office staff, librarian, or with individual teachers, and report each day during a designated period.</p> <p>Interested students may apply through the counseling office.</p> <p>Ongoing observation and attendance included in evaluation process</p>
<b>Duration / Frequency</b>	One Semester
<b>Prerequisites</b>	Prerequisites: Librarian/Teacher permission; grades 10-12.
<b>Fees</b>	None
<b>Other</b>	This course is Pass/Fail only. P/F courses disqualify students from Valedictorian/Salutatorian recognition and other possible graduation academic awards.

## Learning Support Electives

### Focused Support

<b>Course Title</b>	<b>Reading/Literacy Support</b>
<b>Course ID</b>	<b>EN0110</b>
<b>Description</b>	Students will learn reading comprehension skills including: using context clues and word parts, skimming and scanning, developing questions,

	identifying the main idea, purpose, viewpoint and significant details of informational text, making predictions/inferences and drawing conclusions and paraphrasing and summarizing. Classes will be structured to include both in-class activities and independent reading.
<b>Duration / Frequency</b>	One semester
<b>Prerequisites</b>	Identified by staff
<b>Fees</b>	None
<b>Other</b>	Students will receive an elective credit for this Reading/Literacy Support class, but not a credit toward the state English graduation requirement.

### IEP Support Classes

<b>Course Title</b>	<b>LRC Math, LRC English and Learning Labs</b>
<b>Course ID</b>	<b>LL0100...</b>
<b>Description</b>	The LRC classroom provides students with replacement instruction in core academic areas. Learning Labs are support courses where students receive Specially Designed Instruction appropriate to their IEP. Each student with an IEP will have a schedule reflecting their program of study outlined in their IEP.
<b>Duration / Frequency</b>	Year Long (LRC) and Semester (Learning Labs)
<b>Prerequisites</b>	Students must qualify for special education services
<b>Fees</b>	None
<b>Other</b>	

### Non-Traditional Situations

**INDEPENDENT STUDY** This student designed option is rarely granted and used by VHS students. Students desiring independent study must submit an Independent Study form to their counselor for approval by the principal prior to the semester in which they want credit. All credits earned are Pass/Fail.

**TRANSFER COURSES** Transfer credits may be used for courses not available at VHS and aligned to a student's High School and Beyond Plan. Transfer credits are earned through accredited institutions who post the earned grade on their own transcript.

Credit for transfer courses may be granted within a two credit limit, provided the following requirements are met per WAC 180-50-310: See your school counselor for approved course providers.

**\*NOTE: Students may earn a total of 2 credits via Independent Study and/or transfer courses combined.**

## **RUNNING START**

Students with 11th or 12th grade standing who have completed required 9th and 10th grade coursework are eligible to consider Running Start. Eligibility is also contingent upon placement testing. Students enrolled in this program take classes at area community and technical colleges. Interested students should attend the information night in **February of their 10th or 11th grade year for specific requirements.**

Students must be ready to take college level courses in a college environment.

Students will not be eligible for Valedictorian or Salutatorian honors at graduation if they participate in Running Start.

To maintain appropriate progress toward graduation, Running Start students must successfully complete a minimum of **12 college credit hours per quarter.**

**Five (5) college credits equal one (1) high school credit.**

Based on past student success, we recommend students **pass both the math and English** sections of the Running Start placement test before enrolling in the program.

**NOTE:** Commuter students interested in Running Start should talk to their neighborhood highschool. For more information on the Running Start program, visit the websites of area community colleges (Seattle Central CC, South Seattle College, Tacoma CC, Olympic CC).

## **STUDENTLINK / FAMILYLINK**

StudentLink is an alternative program for students interested in an individualized learning experience. StudentLink enrollment is by application only and the admission process includes an interview with StudentLink.

FamilyLink is a parent partner program that supports the educational goals of homeschool students in grades K-12.

Students earn a FamilyLink and/or StudentLink diploma and can participate in VHS graduation activities.

For more information about Alternative Learning call the program director at 206-463-8687.

## **PATHWAYS**

Pathways is a program to earn Pass/Fail credits for students interested in an alternative option to complete their high school diploma.

Interested students should connect with their school counselor to receive more information about Pathways.

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