FRIDAY HARBOR HIGH SCHOOL

COURSE DESCRIPTION GUIDE

2017-2018

Friday Harbor High School
45 Blair Ave.
Friday Harbor, WA 98250
P: 360.378.5215 **F:** 360.378.2647
www.sjisd.wednet.edu

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ADMINISTRATIVE & SUPPORT TEAM

Fred Woods, *Principal of Middle & High School*

Rod Turnbull, *Assistant Principal, Athletic Director*

Gordy Waite, *Guidance Counselor*

Jannet Ortiz, *Office Manager, Registrar*

Tammy Andersen, *Receptionist, Attendance Secretary*

Janet Scheffer, *Career, College, & Counseling Assistant*

LETTER FROM THE PRINCIPAL

Dear Parents, Guardians, and Students,

We are very pleased to introduce our Course Description Guide for 2017-2018. The faculty and staff have worked hard to create a program and a set of offerings that are varied, yet rigorous academically. We believe that parents should be involved in every aspect of their child's high school education, right up to the day of graduation. Course selection is a collaborative process. High school parents need to be involved with students as they plan their high school educational program and prepare for life beyond high school.

Choices and selections made now create opportunities for the future. We strongly encourage all students to continue their education beyond high school. Technical schools and two-year programs are filled with older high school graduates who are returning for the education they neglected to plan for in high school. In this day and age, a high school diploma will not be enough to meet a student's goals, dreams, and aspirations. Students must see high school as the bridge to further educational opportunities, a necessity in today's increasingly technological society. We've tried to place in this booklet what is needed to plan course selections for 2017-18 and 2018-2019 school years, as well as what is needed to prepare for this "new future."

As you will note in its entirety, The Culminating Portfolio Process is a part of our curriculum and a requirement for graduation. The components of the Portfolio Process are embedded within 9th grade English, junior year Community Projects class, and Senior Analytical Writing or AP English and are required for all students. This is an exciting time for all of us at Friday Harbor High School as we continue to ask students to present the impact choices had on the development of their future goals.

We sincerely hope that this handbook meets your needs and answers your questions. If you have any concerns or need to discuss the specifics of any courses listed, please do not hesitate to contact Gordy Waite or myself.

Warm regards,

Fred Woods, Principal
Friday Harbor High School

Gordy Waite, Counselor
Friday Harbor High School

GRADUATION REQUIREMENTS – Class of 2018-2021

SUBJECT	CLASS OF 2018 Credits Required	CLASS OF 2019, 2020, 2021 Credits Required
English[1]	4.0	4.0
Math (Algebra I, Geometry, Algebra II) Must take Algebra II, Pre-Calculus or sign waiver	3.0	3.0
Science (Chemistry/Physics and Biology required for class of 2019 and above)	2.0	3.0
Social Studies[2]	3.0	3.0
Advisory[3]	2.0	Included with Electives
Visual and Performing Arts 1 credit can be waived based on 5th year plan (for 2019 and above)	1.0	2.0
Technology and Life Skills[4]	1.0	1.0
Fitness and Health[5]	2.0	2.0
Additional Science or Technology/Life Skills	1.0	N/A
Foreign Language or 2 credits based on 5th year plan	N/A	2.0
Electives	5.5	4.5
TOTAL CREDITS*	**24.5 Credits Minimum**	**24.5 Credits Minimum**

1 English 9 and Senior Analytical Writing **or** AP English are required and contain components for the Culminating Portfolio Process

2 World History, US History, American Government are required Social Studies classes. WA State History Requirement must be met.

3 Running Start and transfer students may substitute an elective credit for Advisory credit as appropriate.

4 Includes required Community Project Class in Grade 11.

5 0.5 Credit of Fitness and Health strongly recommended during 9th or 10th grade. "Sports Option" can be used for 1.0 credit (See PE. Section Sports Option for details.)

* Total credits required for each grade level is the minimum credits required for graduation. The minimum elective credits for each class must be taken. It is expected that students take additional electives to round out career or cultural interests to meet additional post-secondary college entrance requirements.

MATH WAIVER FORM

Request for 3rd credit of High School Level Mathematics other than Algebra 2 (Advanced Algebra)

In accordance with WAC 180-51-067, a student may elect to pursue a third credit of high school level mathematics, other than Algebra 2 (Advanced Algebra) if all of the following requirements are met:

a) The student's elective choice is based on a career oriented program of study identified in the student's high school and beyond plan that is currently being pursued by the student;

b) The student's parent/guardian agree that the third credit of mathematics elected is a more appropriate course selection than Algebra 2 because it will better serve the student's education and career goals;

c) A meeting is held with the student, parent/guardian, and high school representative for the purpose of discussing the student's high school and beyond plan and advising the student of the requirements for credit bearing two- and four-year college level mathematics courses;

d) The school has the parent/guardian sign a form acknowledging that the meeting has occurred, the information as required was discussed, and the parent/guardian agree that the third credit of mathematics elected is a more appropriate course selection given the student's education and career goals.

Request for Third Credit of High School Level Mathematics

To be completed by student and parent/guardian

_____

Student Name Date

_____

Parent/guardian Date

Third credit of High School Level Mathematics course other than Algebra 2 is:

_____

Action

To be completed by principal/designee

□ Request for Third Credit of High School Level Mathematics approved.

□ Request for Third Credit of High School Level Mathematics not approved.

Principal (or Designee) Signature: _____

CULMINATING PORTFOLIO PROCESS

The purpose of the Culminating Portfolio Process is for all students to demonstrate their skills and readiness for the next step after graduation, their 5th year and beyond. Students also demonstrate their ability to apply what they have learned throughout their school career. This is a final process that confirms mastery of time management, communication, problem solving, and personal planning skills. The Culminating Project concludes with a celebration, the "Senior Exhibition," that showcases the students' discoveries and accomplishments in a presentation to a panel of community members and an Advisory class. The components of this project are based on the following learning objectives:

1. Read with comprehension, write effectively, and communicate successfully in a variety of ways and settings and with a variety of audiences;
2. Know and apply the core concepts and principles of mathematics; social, physical, and life sciences; civics and history, including different cultures and participation in representative government; geography; arts; and health and fitness;
3. Think analytically, logically, and creatively, and to integrate technology literacy and fluency as well as different experiences and knowledge to form reasoned judgments and solve problems; and
4. Understand the importance of work and finance and how performance, effort, and decisions directly affect future career and educational opportunities.

The Culminating Portfolio Process consists of five components:

1. Successful completion of graduation credits
2. Enrollment in the Community Project Experience class during junior year, which will include a 20-hour investment in a Community Experience of "choice", an initial career research paper, and developing of a 5th year plan.
3. A collection of work samples, academic reflections, and college/career goals for 5th year planning over the four-year high school experience.
4. Successful completion of the Analytical Writing Class or AP English
5. Culminate with a Senior Exhibition given to a panel of community members and an Advisory.

To ensure that high school graduates have all the skills and knowledge defined in the learning objectives, most districts have added performance assessments to their graduation requirements. The assessments require students to demonstrate the ability to apply what they have learned and show that they are prepared for work and or further education. In the fall, 9th grade students will be assigned to an advisor who will help them understand the relationship between the learning goals and the Culminating Portfolio Process and all of its requirements. The Culminating Portfolio Process is an opportunity for every student to demonstrate that they are able to think analytically, logically and creatively, and are able to integrate experiences and knowledge to form reasoned judgments and solve problems upon graduation.

ADVANCED PLACEMENT (AP) OFFERINGS

Classes are rotated and are offered based on enrollment requests and staff availability.

AP COURSE	2017-2018	2018 – 2019	2019-2020	2020-2021
AP Language/Composition		x		x
AP Literature/Composition	x		x	
AP Calculus(AB)	x	x	x	x
AP Calculus(BC)	x	x	x	x
AP Environmental Science		x		x
AP Biology	x		x	
AP Physics B	x		x	
AP Chemistry		x		x
AP U.S. History	x	x	x	x
AP Government	x	x	x	x
AP World History	x	x	x	x
AP Studio Art	x	x	x	x

Students taking this AP courses must take the Advanced Placement test. Students taking an Advance Placement course will continue to do class work after the AP test date and take a FHHS AP course final examination. Students desiring to take an AP course must schedule an interview with the instructor prior to registration for the course. To register for an AP course, the teacher, student and parent must sign an "AP Course Approval Form" which the student can get form from the teacher or at the office. Student and parent signatures mean that the student and parent understand the requirements of the course.

CLASSES WITH FEES

CLASS	FEE	PER	FEE DUE
Appreciating Literature	Additional paperback book $20-25 - **may** be requested	Semester	30 days from start of semester
Sr. Analytical Writing	Additional paperback book $20-25 - **may** be requested	Semester	30 days from start of semester
Intro to Physics I and Intro to Chemistry I	$11 fee **may** be assessed for cost of consumable materials	Semester	30 days from start of semester
*AP Language & Composition	Book - $100-125 Additional Paperbacks $20-30 Exam Fee – $95.00	Year	Beginning of 1st semester
*AP Calculus	Book - $100-125 Exam Fee $95.00	Year	Beginning of 1st semester
*AP Chemistry	Book - $100-125 Exam Fee $95.00	Year	Beginning of 1st semester
*AP Environmental Science	Book - $100-125 Exam Fee $95.00	Year	Beginning of 1st semester
*AP World History	Book - $100-125 Exam Fee $95.00	Year	Beginning of 1st semester
*AP US History	Book - $100-125 Exam Fee $95.00	Year	Beginning of 1st semester
*AP Government	Book - $100-125 Exam Fee $95.00	Year	Beginning of 1st semester
AP Studio Art	$35 – Art Supply Fee $95 AP Exam	Each Semester Year	30 days from start of semester
All Art Classes	$35 - Art Supply Fee	Per class	30 days from start of semester
All Cooking Classes	$35 – Food Supplies	Per class	30 days from start of semester
Advanced Band	$20 Uniform Fee $20 Percussion Fee* if in Jazz Band also, only 1 percussion fee	Per class	30 days from start of semester
Jazz Band & Zero Hour Band	$5 Uniform Fee $20 Percussion Fee $16 Book Fee	Per class	30 days from start of semester
STEM Courses Digital Production Lab Engineering Digital Photography 1 & 2 Robotics Aquaculture 101	$20 fee required for cost of consumable materials	Per class	Beginning of semester

*Students are encouraged to purchase used textbooks if possible.

ENGLISH

ENGLISH 9

Grade: 9 Credit: 1.0

ENG 298 (Semester 1)
ENG 299 (Semester 2)
*Required yearlong class for freshmen.

This is a required yearlong class for all freshmen. We will begin fall semester reviewing the qualities which make for good literature. Short stories, plays and novels will be read, discussed and used as the springboards for writing analytical essays. The multi-paragraph format writing will be emphasized and practiced. Some personal writing will also be required. In May all students will be required to complete a career I-Search paper and Power Point presentation in partial fulfillment of the Culminating Portfolio process. Students will be required to read additional books outside of class.

LANGUAGE ARTS LAB

Grade: 9, 10, 11, 12 Credit: 0.5

ENG 967 (Semester 1)
ENG 968 (Semester 2)
*Students must be eligible for special education services to take this class.

Language Arts Laboratory courses provide instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

ENGLISH LANGUAGE LEARNERS

Grade: 9, 10, 11, 12 Credit: 0.5

*Placement test required to enter class.

The primary goal of this class is to develop English language proficiency. The class assists students in communicating effectively in English, in all four language domains, reading, writing, speaking and listening, in order to maximize learning in academic content as well as to use English appropriately in all settings. Components of the class include academic vocabulary development, direct instruction in reading with a focus on comprehension and fluency, journaling, English grammar and writing projects. Curriculum is driven by the Washington English Language Proficiency Standards.

Students are required to take a placement test to enter this class. Once in the class they are required to take the WELPA (Washington English Language Proficiency Assessment) annually until they exit the program. The WELPA is given annually as mandated by the state and provides exiting criteria.

ENGLISH FUTURES

Grade: 9, 10, 11, 12 Credit: 0.5

ENG 306 (Semester 1)
ENG 308 (semester 2)
*Students must be eligible for special education services to take this class.

This course is designed to assist students in reaching their reading goals. Each student has an Individual Education Plan. The reading material will assist students with improving comprehension, understanding the main idea, vocabulary, spelling and grammar.

APPRECIATING LITERATURE I

Grade: 10, 11, 12 Credit: 0.5

ENG 601
*FEE: Student may be requested to purchase one new paperback book $20-25
*Strongly recommended to be taken in sophomore year.

This course is about appreciating and understanding many different types of literature and writing, while identifying different author styles and purposes. Themes concern identity, leadership, growth and personal values. The multi-paragraph format writing will be practiced as well. Students will be required to read additional books outside of class.

AEROSPACE LIT & DESIGN

Grade: 10, 11, 12 Credit: 0.5

ENG 400

Aerospace Lit and Design explores science fiction, NASA and aerospace industry design proposals and the field of team dynamics to predict the ways humans will settle outer space. In this class, students become part of a fictional aerospace corporation that designs the operations, infrastructure, human factors, automations and business ventures that go into colonizing space and other planets. The final product for this class is a professional grade design proposal (a Statement of Work) that we submit to various NASA-sponsored national and international contests. Along the way we read, watch and critique classic and emerging science fiction masterpieces, practice research skills, predict technological advancements, practice design briefs, and learn the fundamentals of concise, clear technical writing. A select group of class members may be asked to form an Aerospace Design Team that travels to NASA to compete in the International Space Settlement Design competition or to present their designs at aerospace industry symposiums.

CONTEMPORARY LIT & FILM

Grade: 10, 11, 12 Credit: 0.5

ENG 155

This course will focus on 10-12 great short stories and how they were successfully adapted to film. Students will examine literature as film and film as literature. The stories and films will cover a wide range of genre and style. Titles may include such short stories as *The Body* by Stephen King adapted to **Stand by Me** and *The Sentinel* by Arthur C. Clarke as **2001 Space Odyssey**. Students will be asked to "adapt" a scene from a favorite story or novel as a screen play and write an original script for a short film.

CONTEMPORARY TEEN LIT

Grade: 10, 11, 12 Credit: 0.5

ENG 165

This is an independent reading workshop class where students will read a variety of contemporary teen literature works, of their choosing, and learn the art of writing book reviews and giving book talks. Students will have the option to explore titles of the same genre, works from specific authors or a variety of title, genres and authors. They will be asked to choose and study a favorite author and write an author-study paper to share with the other classmates. Students will learn of various book awards, both national awards and those specific to Washington State.

INSPIRED BY NATURE

Grade: 10, 11, 12 Credit: 0.5

ENG 401

Life's not always a walk in the woods, but wouldn't it be nice if class were? Is nature a pretty place to go relax from our hectic urban lives or a wild place we need to experience our most free and human selves? What would an America look like without any wild places? What's different about wilderness and neighborhood parks?

This class will read poetry, short stories, essays, and novels that explore the human relationship with nature. We will explore America's changing relationship with nature, specifically here in the Northwest: wilderness, hardships to conquer, resources to extract, beautiful places to preserve, habitat to conserve. We will have the opportunity to write blogs, essays, tweets, and journal entries. We will create Instagram "photo essays", and meditation blogs. Let's breath in the salty air, taste the oily tang of ferry exhaust, brush our own deep winter desiccated skin, hear the whoosh of eagle wings and owl swoops mix with launching airplanes, discern verdant vermillion, moss, mint, fern, and neon green. Take it all in and write.

SPEECH COMMUNICATIONS 1

Grade: 10, 11, 12 Credit: 0.5

ENG 651

At some point in your life, you'll be asked to speak in front of other people. This course will make sure you'll be ready to knock their socks off! From campfire storytelling, to wedding toasts to demonstration speeches to formal debates, if it's a form of public speaking we'll practice it. Students will develop their own personal speaking style, work on crafty persuasion tactics and learn techniques to overcome stage fright. We will also practice improvisation and study famous speeches from history to Hollywood. Be prepared! Be believed! Take speech.

SENIOR ANALYTICAL WRITING

Grade: 12 Credit: 1.0

ENG 800 (Semester 1)
ENG 808 (Semester 2)
*Required yearlong class for seniors

Students will explore the human experience through different selections of world literature and writing. This course examines important questions such as how literature is relevant to other studies, personal growth, and world problems. Emphasis is placed on critical reading, writing and communication. Students are encouraged to explain and discuss, to listen and respond appropriately. Students will be required to read additional books outside of class.

AP LITERATURE & COMPOSITION

Grade: 11, 12 Credit: 1.0

ENG 550 (Semester 1)
ENG 551 (Semester 2)
*FEE: AP costs are between $50-$100 for the books and approximately $95 for the AP examination fee. AP Course Approval Form required

Students will read and comprehend some of the finest poetry, novels, short stories, and essays written at various times in various cultures, with an emphasis on literature originally written in English. This course prepares students to take the AP English Literature exam in May 2018. Writing assignments focus on critically analyzing literature and include expository, analytical, and argumentative essays. This class is suitable for confident readers and competent writers who are ready for the challenge of college level reading. Students will also be required to prepare and present their portfolios for their final Senior Exhibition required for graduation during this class.

MATHEMATICS

Math Course Sequences:

Algebra I → Geometry → Algebra II → Pre-Calculus → AP Calculus AB or BC
Algebra I → Geometry → Algebra II → Other Math courses as appropriate

Students are required to successfully complete a minimum of six semesters of math (3 credits) in grades 9-12. Any of the courses offered by the Math Department can be used to satisfy this minimum requirement. In addition, a student must demonstrate mathematical competency in order to graduate. Competency will be demonstrated by performance on statewide assessment tests or other avenues outlined by the state.

Math is a participatory activity and students electing math courses should plan on 30-45 minutes of class/homework assignment daily. All math courses at Friday Harbor High School incorporate the Common Core State Standards. In all areas of study, importance is placed on sense-making, persevering, reasoning, modeling, precision, reflection, and structure.

Students are strongly encouraged to maintain and improve their math skills by taking math courses beyond the minimum graduation requirements, in preparation for jobs, college, or future training. The University of Washington, Washington State University, Western Washington University, as well as technical schools are currently recommending math classes through "Pre-Calculus." However, Algebra, Geometry, and Algebra II constitute the minimum entrance requirement for most schools. Students expecting to major in a math-related field should finish calculus if possible.

NOTE:

- Calculators: A TI-84 PLUS Silver graphing calculator is highly recommended for all math students.
- Before registering in a math course, check with your current math teacher regarding your options.

ALGEBRA I

Grade: 9, 10 Credit: 1.0

MAT 301 (Semester 1)
MAT 302 (Semester 2)
*Year-long class. Teacher Signature required on Course Enrollment Form

Students in Algebra I will solve problems that can be represented by linear functions, equations and inequalities, and can be graphed on a coordinate plane. They will recognize the multiple uses of variables. This requires the ability to use basic computational skills to reason abstractly and quantitatively. A graphing calculator is required (TI-84 PLUS Silver is recommended).

GEOMETRY

Grade: 9, 10, 11 Credit: 1.0

MAT 621 (Semester 1)
MAT 622 (Semester 2)
*Year-long class. Teacher signature required on Course Enrollment Form.

Geometry focuses on congruence criteria and use of triangle congruence as a foundation for the development of formal proof; the understanding of similarity and application to understand right triangle trigonometry with attention to special right triangles and the Pythagorean Theorem. A graphing calculator is required (TI-84 PLUS Silver is recommended).

ALGEBRA II

Grade: 9, 10, 11, 12 Credit: 1.0

MAT 322 (Semester 1)
MAT 323 (Semester 2)
*Year-long class. Teacher signature required on Course Enrollment Form.

Algebra II includes an in-depth study in algebraic and graphical representations of linear and absolute value equations and inequalities, quadratic equations, radical equations, polynomial functions and rational functions. Students connect these problems to a variety of "real world" application problems. Usage of the TI-84 PLUS graphing calculator will be an integral part of the program. A graphing calculator is required (TI-84 PLUS Silver is recommended).

APPLIED MATH WITH PERSONAL FINANCE

Grade: 11, 12 Credit: 0.5

MAT 700 (Semester 1)
*PREREQUISITES: Algebra I, Geometry, and Algebra II
*Teacher signature required on Course Enrollment Form.

This course is designed to connect algebra to what's going on in your life. It's time to understand finance in mathematical terms and gain confidence in your ability to manage money. It will review and strengthen your algebra mechanics and problem solving skills. The course will focus on Financial Literary competence.

PERSONAL FINANCE

Grade: 11, 12 Credit: 0.5

MAT 702 (Semester 2)
*PREREQUISITES: Algebra I, Geometry, and Algebra II
*Teacher signature required on Course Enrollment Form.

This is a reality-based class with the goal of creating financially responsible high school students. This semester-long class will cover four distinct categories in personal finance:

- Saving and Investing
- Credit and Debt
- Financial Responsibility and Money Management
- Insurance/Risk Management and Income/Careers

GENERAL MATH RR

Grade: 9, 10, 11, 12 Credit: 0.5

MAT 949 (Semester 1)
MAT 950 (Semester 2)
*Students must be eligible for special education services to take this class.

This course is designed to reinforce General Applied Math and Pre-Algebra courses to reinforce general math skills, extending these skills to include some pre-algebra and algebra topics. Students will use these skills in a variety of practical consumer, business and occupational applications.

MATH FUTURES

Grade: 9, 10, 11, 12 Credit: 0.5

MAT 306 (Semester 1)
MAT 307 (Semester 2)
*Students must be eligible for special education services to take this class.

This course is designed to assist students in mastering basic math concepts that are part of their individualized goals. This class will help students who need a basic understanding of math concepts that are necessary for success in everyday situations at school, work and home.

GENERAL APPLIED MATH

Grade: 9, 10, 11, 12 Credit: 0.5

MAT 235 (Semester 1)
MAT 236 (Semester 2)
*Students must be eligible for special education services to take this class.

General Applied Math courses reinforce general math skills, extend these skills to include some pre-algebra and algebra topics, and use these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations.

STUDENT STORE

Grade: 9, 10, 11, 12 Credit: 0.5

MAT 403 (Semester 1)
MAT 404 (Semester 2)
*Students must be eligible for special education services to take this class.

The student store will provide a learning opportunity to engage students in obtaining the fundamentals of operating a profitable business. Students will learn business, entrepreneurial and leadership skills as part of this course. The class will consist of both coursework and hands-on experience operating the student store. This class may be taken as a semester or a yearlong class. Math Credit or Technology and Life Skills will be given for this course.

PRE-CALCULUS

Grade: 11, 12 Credit: 1.0

MAT 629 (Semester 1)
MAT 630 (Semester 2)
*Year-long class. Teacher signature required on Course Enrollment Form.

A yearlong course covering advanced study of polynomial functions, finite sequences, exponential functions, trigonometry, conic sections, data analysis, vectors, limits, probability and statistics. Students develop a working knowledge of this basic set of functions as preparation for the descriptive and analytical techniques in calculus. A graphing calculator is required (TI-84 PLUS Silver is recommended).

AP CALCULUS AB

Grade: 11, 12 Credit: 1.0

MAT 600 (Semester 1)
MAT 601 (Semester 2)
*Year-long class. AP Course Approval Form required.
*FEE: AP costs range from $100 - $150 for the books and approximately $95 for the AP exam fee. A graphing calculator is required (TI-84 PLUS Silver is recommended)

Calculus AB is a college level mathematics course preparing students to take the Advanced Placement exam in the Spring. Both tests and homework assignments reflect the ability of students to handle rigorous assignments at the college level. Basic course concepts include functions, graphs, limits, and asymptotic and unbounded behavior, continuity as a property of functions, derivatives and integrals. A graphing calculator is required for this course. Students who receive a 3, 4, or 5 on the AP test may petition the college they attend for college credit for the course.

AP CALCULUS BC

Grade: 11, 12 Credit: 1.0

MAT 650 (Semester 1)
MAT 651 (Semester 2)
*Year-long class. AP Course Approval Form required.
*FEE: AP costs range from $100 - $150 for the books and approximately $95 for the AP exam fee. A graphing calculator is required (TI-84 PLUS Silver is recommended)

Calculus (BC) is a college level mathematics course preparing students to take the Advanced Placement exam in the spring. This course overlaps and continues beyond the AB course. Both tests and homework assignments reflect the ability of students to handle rigorous assignments at the college level. Basic course concepts include functions, graphs, limits, and asymptotic and unbounded behavior, continuity as a property of functions, derivatives and integrals. A graphing calculator is required for this course. Students who receive a 3, 4, or 5 on the AP test may petition the college they attend for college credit for the course.

SCIENCE

Science promotes curiosity and a sense of wonder, encourages life-long exploration, and provides a foundation for understanding the natural world. Science courses promote hands-on learning in an environment that fosters inquiry. Through scientific investigation, students expand their knowledge to better understand and explain the phenomena they observe in the world around them.

Learning in science depends on actively doing science. Active engagement in hands-on science learning enables students to create a personal sense from the physical world.

For students in the class of 2018: Two years of science courses (4 semesters) is the minimum requirement for graduation; however, most colleges still require three years of science. By selecting additional science courses students will be well prepared to further their education in college as well as provide a foundation for lifelong learning in the workplace. Students who plan to attend a four-year college should take three to four years of science courses.

Class of 2019 and beyond: Three years of science courses (6 semesters) is the minimum graduation requirement for all students in grades 9-12. All students should enroll in additional science courses to maximize learning possibilities and create post-high school options.

Lab Sciences: Washington State defines a lab science as: . . . opportunities for students to interact directly with the material world, or with data drawn from the material world, using the tools, data collection techniques, models and theories of science... This means that students must be present for labs in order to receive credit for a laboratory science regardless of excused or unexcused absences. Due to the nature of consumables and materials it is not always possible to make up missed labs.

PHYSICS I

Grade: 9, 10, 11, 12 Credit: 0.5

SCI 545 (Semester 1)
*Lab Science
*Highly recommended to take Physics I and Chemistry I in the same year.
*FEE: Each student may be assessed $11 to cover partial cost of consumable materials for this class.

This course covers the introductory principles of physics such as forces, motion, energy, sound and light. This content is vital for success on the new Next Generation Science Standards exam. Lecture, lab work projects, group collaboration and independent study are all integral parts of this course.

CHEMISTRY I

Grade: 9, 10, 11, 12 Credit: 0.5

SCI 664 (Semester 2)
*Lab Science
*Highly recommended to take Physics I and Chemistry I in the same year.
*FEE: Each student may be assessed $11 to cover partial cost of consumable materials for this class.

This course follows Physics I and includes the study of chemical symbols and formulas, atomic structure, the chemical bond, kinetic molecular theory, the gas laws, acids, bases and salts, oxidation - reduction and organic chemistry. This is a hands-on learning course that fosters inquiry and scientific investigation. This content is vital for success on the new Next Generation Science Standards exam. Lecture, lab work projects, group collaboration and independent study are all integral parts of this course.

BIOLOGY I

Grade: 9, 10, 11, 12 Credit: 0.5

SCI 701 (Semester 1)
*Lab Science
*Students taking Biology I must take Biology II.

The first semester of Biology deals with Cellular and Molecular Biology. We examine the chemistry of life, the cellular basis of life, DNA and Genetics. Success in Biology prepares students to be able to pass the state mandated End-of-Course exam in Biology required for graduation. Key biological concepts are further reinforced and elaborated upon through lab experiences This content is vital for success on the new Next Generation Science Standards exam.

BIOLOGY II

Grade: 9, 10, 11, 12 Credit: 0.5

SCI 702 (Semester 2)
*Lab Science

The second semester of Biology deals with Ecology. We examine the cellular basis of energy, how energy moves through ecosystems, how the environment works in small scale and across the entire planet, how animals exist and change throughout time in their environment and what types of environments are present on planet Earth. Students will finish preparation for the End-of-Course exams. Key biological concepts are further reinforced and elaborated upon through lab experiences. Success in Biology prepares students to be able to pass the state mandated End-of-Course exam in Biology required for graduation. This content is vital for success on the new Next Generation Science Standards exam.

ASTRONOMY

Grade: 9, 10, 11, 12 Credit: 0.5

SCI 270

This specialized class will address the areas of our near planet solar system and beyond. Stargazing and other opportunities will round out our classroom experience. This content is recommended for success on the earth science section of the new Next Generation Science Standards exam.

OCEANOGRAPHY

Grade: 10, 11, 12 Credit: 0.5

SCI 523
*PREREQUISITES: Physics I & Chemistry I, Biology I & II or Instructor Permission
*Lab Science

This in-depth course will introduce you to the fundamental principles of oceanography with special emphasis on the waters that surround us – the Washington coast and the Salish Sea. Course content includes the geologic history of the planet, the physics and chemistry of coastal waters, marine food webs and ecology, and relevant environmental concerns. Key concepts are further reinforced and elaborated upon through lab experiences.

GEOLOGY

Grade: 10, 11, 12 Credit: 0.5

SCI 522

This course will help to develop students' understanding of the material, structure and dynamics of Earth and its processes. It will also focus on the geological history of Earth. This content is recommended for success on the earth science section of the new Next Generation Science Standards exam.

ANATOMY AND PHYSIOLOGY

Grade: 10, 11, 12 Credit: 0.5

SCI 508

*Prerequisite: Physics I, Chemistry I, Biology I & II or Instructor Permission

This course is a challenging and intensive investigation of human body systems that includes the molecular, cellular and tissue level of the organ systems. Students will engage in discussion, activities and laboratories, and write research papers to gain a better understanding of the structure and physiologic processes of the healthy body. Current trends and treatments in medicine as well as medical ethics are explored. Guest speakers are invited to make presentations. Class will consider career opportunities within the medical field.

PHYSICS II

Grade: 10, 11, 12 Credit: 1.0

SCI 501 (Semester 1)
SCI 502 (Semester 2)
*PREREQUISITES: Algebra I and Geometry, Physics I and Chemistry I
*Yearlong Course
*Lab Science

This full year of Physics is an extension of Physics I taken previously. Students will attain a depth of understanding of fundamentals and a reasonable competence in dealing with physical problems. The theoretical aspects of physics are covered in more depth, including mechanical physics, forces, energy, circular motion, waves, sound and light, electricity and magnetism.

AP PHYSICS

Grade: 10, 11, 12 Credit: 1.0

SCI 655 (Semester 1)
SCI 656 (Semester 2)
*PREREQUISITES: Algebra I, Geometry, Physics I, and Chemistry I
*Lab Science – Yearlong Course
*FEE: AP costs range from $100 - $150 for the books and approximately $95 for the AP exam fee.
* AP Course Approval Form required.

AP Physics is designed to be the equivalent of a college general algebra-based physics course. Students will attain a depth of understanding of fundamentals and a reasonable competence in dealing with physical problems. The theoretical aspects of physics are covered in more depth, including mechanical physics, forces, energy, circular motion, waves, sound and light, electricity and magnetism. The quantitative differences from Physics I include the number of topics treated, the time spent on the course, and the nature and variety of experiments done in the laboratory.

AP BIOLOGY

Grade: 10, 11, 12 Credit: 1.0

SCI 821 (Semester 1)
SCI 822 (Semester 2)
*PREREQUISITES: C or above in Biology, Physics I, and Chemistry I
*Lab Science – Yearlong Course
*FEE: AP costs range from $100 - $150 for the books and approximately $95 for the AP exam fee.
* AP Course Approval Form required.

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

STARK INDUSTRIES ROBOTICS WORKSHOP

Grade: 9, 10, 11, 12 Credit: 0.5

STM 670
*NOTE: This course may be used to meet a science (non-lab) **or** technology credit.
*FEE: Each student will be assessed $20 to cover partial cost of consumable materials for this class.

ROVs, drones, and robots…oh my! This introductory course will expose students to a wide range of robotics applications including aerial drones, tethered and autonomous underwater vehicles, and the Internet of Things (think: online thermostats and toasters). Students will have the opportunity to design and build novel projects as well as modify existing commercially available products for course-specific applications. Students in this course will be encouraged to work with STM 510 students to design and manufacture original parts for their projects.

UNDER THE SEA: MARINE BIOLOGY

Grade: 10, 11, 12 Credit: 0.5

STM 700 (Semester 1)
*NOTE: This course may be used to meet a science (non-lab) **or** technology credit.

We live in a small island community surrounded by the ocean, yet few people know what lies beneath the surface of the water. This course will focus on the scientific study of the ecology and behavior of microbes, plants, and animals inhabiting our local and worldwide oceans, coastal waters, and saltwater wetlands including their interactions with the physical environment. We will cover marine botany, marine invertebrates, ichthyology, marine mammals, marine population dynamics, and the latest trends in biodiversity.

SOCIAL STUDIES

The Social Studies department is committed to developing reflective and enlightened democratic citizens who effectively participate in local, state, national and international affairs. This global approach helps students to develop an appreciation and understanding of their own cultural heritage, including diversity and its role in contemporary society. Students will study the motives, actions, and consequences of human beings as individuals, as groups and as societies in a variety of places and times. In studying this wide array of information, students will not only learn about human history in general, but also about themselves.

Throughout the social studies curriculum each student develops thinking, writing, speaking, listening, and reading skills, and learns how to articulate, modify, and defend positions by learning to analyze a defined body of content. Additionally, the student learns about the physical world in geographical contexts.

Clearly, students need to acquire a basis of knowledge before they can communicate ideas effectively or think critically. However, the knowledge explosion and the increasingly sophisticated means whereby students can readily access information suggest that student must be equipped with thinking skills and thinking attitudes to evaluate a bewildering array of choices. In social studies classes, students are presented with a varied set of learning activities to develop these thinking skills, as well as reading, writing and speaking skills. All students are encouraged to listen to a news broadcast daily and read newspapers and journals available in the home, the school and San Juan libraries.

Minimum Required for Graduation:
6 Semesters of Social Studies – 3.0 Credits
- 2 semesters of World History
- 2 Semesters of U.S. History
- 2 semesters of American Government

*Washington State History must be met prior to graduation

*NOTE: It is suggested that students interested in taking AP classes take them in the following order:
- 10th Grade: AP World History
- 11th Grade: AP US History
- 12th Grade: AP US Government

WASHINGTON HISTORY

Grade: 9,10, 11, 12 Credit: 0.5

SSC 508
*Required to graduate.

This course will examine the history of Washington from its geological formation to the present. Emphasis will be given to Native American cultures and the development of the state and its role in American history. Current political, social and economic issues and events will also be covered.

CURRENT EVENTS

Grade: 9,10, 11, 12 Credit: 0.5

SSC 538

This course focuses on an in-depth look at some of the biggest political, economic and social problems in the U.S. and the world today. Students will read current newsmagazines and newspapers to familiarize themselves with major events. The class will rely heavily on discussions and debates. Internet research skills are important.

AFRICAN STUDIES

Grade: 9,10, 11, 12 Credit: 0.5

SSC 472

This course focuses on an in-depth look at African civilizations up to the scramble for Africa and the impact that it had on the growth and development of the continent, politically, economically and socially. The legacy of colonialism leads into today with inequality, resource/political mismanagement, civil strife, war and genocide, but also the rise of democracy as well as immigration into and out of the continent. Also, the class will focus on the impact that the War on Terror has had in Africa, as well as other world events that impact the continent and the world.

COUNTERCULTURES AND MINORITIES IN WORLD HISTORY

Grade: 9,10, 11, 12 Credit: 0.5

SSC 483

This course looks at world history from a different angle. History has often been written by the dominant culture. This course aims to take a more bottom up view; how various sub-cultures, and minorities have helped shape the country they live in and the world we live in. It will also focus on the challenges, failures and triumphs faced by various groups, such as the Yazidis in the Middle East, Women in Middle East and elsewhere, Native Americans in North and South America, as well as the myriad of minorities in Europe. Also, how immigration has shaped our world, such as in America, Africa and Europe. Finally, the course will look at various countercultures and how these small movements can bring about change such as the Swing Dancers in Nazi Germany, as well as the counterculture movement in America and elsewhere.

WORLD WAR II & WORLD HISTORY

Grade: 9,10, 11, 12 Credit: 0.5

SSC 547

World War II was one of the most important events in the 20th century. This course will examine the history of the 20th century through the lens of World War II. The causes for the start of WWII, including WWI, and the impact of the war, including the Cold War. The class will study the political, social, economic, and technological aspects of World War II using various methods to do research and develop projects.

ECONOMICS & SOCIAL MEDIA MARKETING

Grade: 10, 11, 12 Credit: 0.5

SSC 535

*NOTE: This course may be used to meet a social studies **or** technology credit.

This course is designed to give students an introduction to how economic decisions made every day by both consumers and the government affect our lives. Concepts such as supply and demand, prices, wages, availability of natural resources, outsourcing and globalization will be addressed. In addition, students will be introduced to the stock market, investments, credit vs. debit cards, various loans and personal finance. The government's role in setting and then regulating economic policy will be covered also.

Understanding economics is one step; effective marketing in the technological world we live in is the next. Even in the rapidly changing social media environment, it is possible to design effective strategies and create dynamic content to reach target audiences. This course is also designed to introduce students to professional strategies for personal and organizational branding and marketing across current and future social media platforms. Students will be asked to design effective marketing campaigns that effectively deliver messages to a wide audience.

AP WORLD HISTORY

Grade: 9, 10, 11, 12 Credit: 1.0

SSC 581 (Semester 1)
SSC 582 (Semester 2)
*Yearlong course.
*FEE: AP costs range from $100 - $150 for the books and approximately $95 for the AP exam fee.
*AP Course Form required.

This course examines the history of human experience from a global perspective. The development of human societies from gathering-hunting groups and early agricultural societies into major civilizations and other complex societies will be traced. Special attention will be given to those transformations which have produced new modes of organizing human life. Religious, economic and political dimensions will be discussed. The primary focus will be on the period from the rise of ancient civilizations through the time of large-scale empires to the early modern era of worldwide trade and gunpowder empires. Routine homework assignments include reading assignments 4-5 times a week; 2-3 quizzes or short essays a week, debates, and short research papers.

U.S. HISTORY I

Grade: 10, 11, 12 Credit: 0.5

SSC 811 (Semester 1)
*Required Class
*Recommended for 10th and 11th grade
*Students taking U.S. History must also sign up for U.S. History 2 in the same school year.

Students will review the revolutionary and constitutional period of the 18th century followed by a review of the Civil War. Industrialization will be the focus of the class. Study of the rise of industrialization and its effects up to the Great Depression of the 1930s will also be covered.

U.S. HISTORY II

Grade: 10, 11, 12 Credit: 0.5

SSC 812 (Semester 2)
*Required Class
*Recommended for 10th and 11th grade

The students will cover World War II and come to understand how the United States emerged as a world power in the 20th century. The focus after that will concern the economic, social and political developments of the last sixty-five years.

AP U.S. HISTORY

Grade: 10, 11, 12 Credit: 1.0

SSC 518 (Semester 1)
SSC 519 (Semester 2)
*FEE: AP costs range from $100 - $150 for the books and approximately $95 for the AP exam fee.
*Recommended for 11th grade students
*AP Course Approval Form required.

This course is a college level "survey" of American History. Content covers America from its beginning as a series of European colonies to the present with attention given to the Native American people. Students will be expected to read from a variety of resources, specialized histories, original writings and speeches, summaries of court cases, as well as traditional textbooks. Students will also be expected to write regularly in a variety of formats and for a variety of purposes. The focus of the course is to prepare students to take the Advanced Placement U.S. History exam in May. Students who receive a 3, 4, or 5 on the AP exam may petition the college they attend for college credit for the course.

AMERICAN POLITICAL SYSTEMS

Grade: 11, 12 Credit: 0.5

SSC 590 (Semester 1)
*Required Class

This course presents an overview of how the United States political system works. Students learn about political parties and their beliefs, the election process, how Congress operates and the job of the President. Emphasis is placed on controversial issues facing the country. Students will participate in a major debate project.

THE CONSTITUTION & JUDICIAL SYSTEM

Grade: 11, 12 Credit: 0.5

SSC 591 (Semester 2)
*Required Class

This course focuses on the underlying foundations of the United States democratic system. Students will study the form and function of both democracies and dictatorships. A careful study of the U.S. Constitution and Bill of Rights will emphasize the rights and responsibilities of citizenship in America. Students will receive first-hand experience in how the legal system works by participating in a mock trial.

AP U.S. GOVERNMENT

Grade: 11, 12 Credit: 1.0

SSC 850 (Semester 1)
SSC 852 (Semester 2)
*FEE: AP costs range from $100 - $150 for the books and approximately $95 for the AP exam fee.
*Recommended for 12th grade students
*AP Course Approval Form required.

This is a college level course that focuses on both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. Units of study include: The Constitution as the foundation of U.S. government, political beliefs and behaviors, political parties, interest groups and the media, the executive, legislative, and judicial branches, public policy, civil rights and civil liberties.

WORLD LANGUAGE

In this age of increasing international relations and an economy intertwined on a global scale, a knowledge of foreign languages is as central to a high school education as is a knowledge of mathematics or English. It opens up new horizons and expands one's knowledge and understanding of other people—their cultures and aspirations.

Just as important is the fact that almost all colleges and universities, regardless of other admission requirements, required foreign language study in high school. Most of them require two to three years which will prepare students to take the University of Washington's proficiency test, required for graduation from the UW.

SPANISH I

Grade: 9, 10, 11, 12 Credit: 1.0

SPA 111 (Semester 1)
SPA 113 (Semester 2)

This is a yearlong class in which students will develop skills for everyday communication in Spanish. Emphasis is on verbal, real-life communication, listening comprehension, writing and reading skills, through a variety of activities, projects and presentations. Students will also learn about customs and peoples in Spanish-speaking countries.

SPANISH II

Grade: 10, 11, 12 Credit: 1.0

SPA 202 (Semester 1)
SPA 203 (Semester 2)
*PREREQUISITE: Spanish I

This class is an enhancement of skills learned in Spanish I. Students will further develop skills as outlined in Spanish I, while learning more about the cultures of Spanish-speaking countries. Spanish II includes a variety of activities, projects and presentations to further communication, listening comprehension, writing and reading skills in Spanish.

SPANISH III

Grade: 11, 12 Credit: 1.0

SPA 333 (Semester 1)
SPA 334 (Semester 2)
*PREREQUISITE: Spanish II

This course is an in-depth study of the Spanish language and culture. Concepts and grammar from Spanish I and II will be used to further increase language skills in Spanish III. This course will offer students a varied curriculum which incorporates individual and group presentations, readings and discussions in Spanish, hands-on cooking and art projects, along with the opportunities for field trips and community involvement.

FITNESS & HEALTH

The goal of the Physical Education/Health program is to provide opportunities for students to acquire the knowledge and skills necessary to become a physically fit well-educated person. The program strives to give students an understanding of the concepts and skills necessary for safe and healthy living. The program will provide the knowledge, skills and interests necessary to pursue lifetime sports and activities. Students will also develop a personal fitness and wellness program. In addition, students will develop self-esteem, motor skills and coordination by successfully participating in a variety of cooperative and individual activities. Students will also develop techniques for coping with stress and for avoiding drug use and abuse. They will develop an understanding of how the human body functions related to diseases, nutritional needs and appropriate hygiene.

The Exercise and Health Science class is strongly recommended to be taken in 9th or 10th grade. Health and physical education classes are academic as well as participation classes. Students are graded on participation, portfolio work and improved fitness. Attendance is very important to success in class. The student can only be excused from participation with a parent or doctor's note. Parents should contact the teacher if they have any questions regarding their child's participation in a physical education class.

EXERCISE & HEALTH SCIENCE

Grade: 9, 10 Credit: 0.5

PHE 420

This course is designed to provide students with the knowledge and ability to attain and maintain an active, healthy lifestyle. There is a strong emphasis on individual fitness including exercise physiology, biomechanics, motor learning, and anatomy/ physiology. All students will participate in physical fitness testing as required by Washington State. Integrated Health Science topics will include: lifetime wellness; emotional health and stress; nutrition; relationships; addiction; problem solving and coping strategies; communication and refusal skills; communicable and non-communicable diseases; human sexuality; CPR and first aid; environmental health risks; and consumer awareness related to health and wellness programs and products. This course has been aligned to the Washington State Framework for Health Science and Physical Education.

STRENGTH & CONDITIONING I & II

Grade: 9, 10, 11, 12 Credit: 0.5

PHE 600 (Semester 1)
PHE 601 (Semester 2)
*PREREQUISITE: Exercise & Health Science

Students will have the opportunity to participate in a comprehensive weight-training program to enhance their physique, strength, speed, quickness, flexibility, balance, agility, coordination, and endurance. A baseline will be determined and each student's progress will be monitored. Plyometric and speed drills will be used to affect the student's physical prowess and athletic ability. This is an opportunity to develop the knowledge and skills necessary for a lifetime habit of physical fitness. Various types of conditioning programs will be explored. Nutrition, diet, and substance abuse will be explored as to their effect on conditioning, weight control, and growth. Strength Conditioning II is a continuation of the Strength and Conditioning I program. Students will have the opportunity to formulate a plan for individualize conditioning within the framework of the class.

COMPETITIVE SPORTS

Grade: 9, 10, 11, 12 Credit: 0.5

PHE 350

*PREREQUISITE: Exercise & Health Science

This is an advanced physical education class for students interested in participating in traditional activities at a competitive level. Class activity emphasizes fitness through participation as well as higher level of skills and strategy. Experiences in indoor and outdoor team and individual sports, including: softball, touch football, racquet sports, bowling, volleyball, basketball and team handball. Emphasis is on increasing proficiency, developing advanced skills and teamwork/sportsmanship in an actively competitive setting.

SPORTS OPTION

Grade: 9, 10, 11, 12 Credit: 1.0

*You don't sign up for this class; just make a notation on the Course Enrollment Form. Get form from Advisor during Student Conference, complete in Student Conference and leave with Advisor.

Students who participate in sports may receive one credit for Physical Education under the following conditions:

- Actual participation in four seasons of sports (playing on the team) and finish each season of sport as "members of the team in good standing."
- Receive a "pass" for one credit of P.E. / Health after applying for sports option credit and upon approval.

NOTE: A Sports Option Credit form must be completed and turned in to the Athletic Director upon completion of all sports in order to receive final approval and credit on your transcript.

VISUAL & PERFORMING ARTS

While a variety of courses are offered, students are encouraged to maintain their involvement in the visual or performing arts area of their choice. Most of the course offerings in the visual and performing arts areas require maturity and commitment. For the most part, the kinds of problems students tackle in the arts are abstract. Solving them builds capabilities that directly transfer to other core subjects and life.

Through the study and the practice of the arts, students employ sound, image, action, and movement to solve problems, make decisions, think creatively, and use imagination. The process not only leads to a deeper understanding of one's own work and that of others in the arts, but also helps develop skills which are highly sought in the world of work.

*An art fee of $35 for each art class taken is required. Students will not be denied participation in a class because of financial inability to pay a fee. Please apply for a scholarship, as needed.

VISUAL ARTS

ART 1

Grade: 9, 10, 11, 12 Credit: 1.0

ART 121 (Semester 1)
ART 221 (Semester 2)
*Yearlong course

Art 1 is a yearlong course. This course is designed to give students an introduction to the elements of art and the principles of design. Emphasis will be placed on experimenting with a wide variety of media and techniques, such as drawing, painting, sculpture, print making, and ceramics.

ART 2

Grade: 9, 10, 11, 12 Credit: 0.5

ART 122 (Semester 1)
ART 222 (Semester 2)
*PREQUISITE: Art 1

Art 2 is a semester long course. It focuses on successfully employing the principles of design using a variety of mediums. This course focuses on learning how to render objects realistically. Assignments include architecture, still life, portraiture, and landscape. The course explores the proper use of mediums while reinforcing the theory of design.

ART 3

Grade: 9, 10, 11, 12 Credit: 0.5

ART 123 (Semester 1)
ART 223 (Semester 2)
*PREQUISITES: Art 1 & 2 – this course is considered an advanced course.

Art 3 can be taken consecutively as a yearlong course or separately as a semester course. These courses are primarily structured to assist students in creating a portfolio. Students are given the artistic freedom to explore areas of interest. Students are encouraged to explore a wide range of mediums and subject matter.
The majority of time students are working on a series of pieces that are visually and thematically related. Art III is considered an advanced course. Students should have a strong art foundation and be able to render images from direct observation.

DIGITAL PHOTOGRAPHY 1

Grade: 10, 11, 12 Credit: 0.5

STM 432
*PREQUISITE: 1 year of Art
*NOTE: If you have completed your Art credits, the credits from this course can be applied to Tech credits.

Digital Photography is a semester course that focuses on understanding the basic operations and functions of a digital single lens reflex camera and the manipulation of its settings to achieve a specific result. Students will learn about photographic elements of art and principles of design, composition, and lighting. Students will utilize Adobe Photoshop to edit and enhance their images. Aesthetic, technical, and expressive qualities will be openly discussed during class critiques.

DIGITAL PHOTOGRAPHY 2

Grade: 10, 11, 12 Credit: 0.5*

STM 433 (Semester 1)
STM 434 (Semester 2)
*PREQUISITE: 1 year of Art and Digital Photography 1
*NOTES: Sign up for both semesters to receive 1.0 credits. If you have completed your Art credit, the credits from this course can be applied to Tech credits.

This course can be taken consecutively as a yearlong course or separately as a semester course. The class is a continuation and deeper exploration of Digital Photography. Students will learn how to manage and creatively alter digital images as well as critically analyze the use of visual media as a means of communication in our society today. They will be provided a greater level of autonomy, expected to pursue their own interests and develop an individual voice. Students will explore the significance of photography with in the larger context of the art word, and learn about the critical and varied application it has to the modern working world. Students will have the opportunity to explore animation and film making within this class.

STUDIO ART

Grade: 10, 11, 12 Credit: 0.5

ART 430 (Semester 1)
ART 431 (Semester 2)
*Approval from instructor required.
*This course can be taken repeatedly for credit.

Studio Art is an advanced study undertaken within the student's area of interest and concentration. The student is required to create a portfolio that will make up the principal portion of the course grade. The grading standard for this class reflects the higher quality of work expected at this level. Students at this level should be able to work independently, creatively solve difficult visual problems, and articulate using appropriate visual terminology. Students are expected to complete at least one project every two weeks. Project grades are determined using several methods of assessment including, but not limited to, group, peer, and self-critiques, project assessment forms, and student teacher conferences. Productivity is considered strongly when calculating grades.

AP STUDIO ART

Grade: 11, 12 Credit: 1.0

ART 751 (Semester 1)
ART 752 (Semester 2)
* Approval from instructor required.
* AP Course Approval from required.

Advanced Placement Studio Art is an advanced studio oriented art course with emphasis on both the college bound and career oriented students. It is designed for the talented art student who wishes to pursue college level studies while attending secondary school, and for the student who is seriously interested in the practical experience of art. Students who plan to attend universities or art schools that require general art courses at the freshman level might select this course. The course guidelines are based on the National AP portfolio requirements. Twenty-four pieces of art work will be submitted to the College Board of Testing Center for College Advanced Placement Credit. The deadlines are set by the College Board. Portfolios are evaluated and scored by college and secondary school teachers. In July, following grading, the portfolios and scores are returned to the students.

*Seniors taking this course must submit a Portfolio to the Advanced Placement program.

Course fees apply to all band classes: Each student will be required to pay $20/year uniform fee and a $20/year percussion/amp usage for this band. Students enrolled in both band classes only pay the percussion/amp fee once. Those that use a school instrument will have a rental fee of $10 per month or $100 for the school year. We would hope that all students would have their own instrument, but money or lack of instrument will not exclude anyone from participating. See Mr. Nelsen for questions or concerns.

CONCERT BAND

Grade: 9, 10, 11, 12 Credit: 1.0

MUS 520 (Semester 1)
MUS 521 (Semester 2)
*Yearlong course.

This Concert Band class is for students who have at least two to three years of experience (or by Mr. Nelsen's approval). This class is for those who want to perform music at the secondary level. Students explore music theory, Major and minor scales, etudes, rhythms, musical notation and play through a variety music literature. Grade is earned by attendance, having materials, classroom effort, behavior, playing tests, written tests and attending performances.

Expectation and experiences to include: pep band to support school sports, band festival(s), workshops, local performances, two evening concerts and a possible overnight trip. Students are expected to attend all specified performances and wear appropriate concert attire including black dress shoes.

JAZZ/ ADVANCED BAND

Grade: 9, 10, 11, 12 Credit: 1.0

MUS 497 (Semester 1)
MUS 498 (Semester 2)
* Yearlong course.
*Past Friday Harbor HS experience, auditions and/or signature by Mr. Nelsen to sign up for this class.
*Jazz band students are encouraged to enroll in Concert Band.
*Boys will be issued a tux and girls can use a school dress or a black dress with sleeves, below the knees and is appropriate for a formal performance or festival.

Entrance to Jazz/Advance Band is by audition and/or teacher recommendation. Students who audition successfully commit to participation for the entire school year. This group performs a wide variety of music such as blues, funk, Latin, shuffle, swing and even rock. This is a select class and students will be expected to learn more Major and minor scales than Concert Band. Improvisation is a big part of jazz and students will be expected to solo in class. Highlights include many performances, workshops, participation in a jazz festival and trip. Members are expected to attend all specified performances including pep band and concert band festivals with Concert Band. Jazz Band meets Monday-Friday before school in zero hour (7:15 to 8:10 AM). Jazz band music will be played Mondays, Wednesdays, and Fridays and Pep/Concert Music will be played Tuesdays and Thursdays. Two weeks before the festival it will be every day of jazz or concert music depending on which festival. There will be some flexibility and I will do my best to personal notify, post outside of band room or post on Skyward any changes in the rehearsal schedule.

ZERO HOUR BAND

Grade: 10, 11, 12 Credit: 0.5

MUS 522 (Semester 1)
MUS 523 (Semester 2)
* Yearlong course.
*Boys will be issued a tux and girls can use a school dress or a black dress with sleeves, below the knees and is appropriate for a formal performance or festival.

This band class is for students who have at least one year of high school band and for those who don't play a jazz band instrument, can't fit band into their schedule or want to commit to Jazz/Advanced Band's higher expectations. This class is for students who want to keep performing music at the secondary level. Students will already have explored music theory, know Major and minor scales, played etudes, know rhythms and musical notation. We will still play a variety of music literature. Grade is earned by attendance. Zero Hour Band will be every Tuesday and Thursday. Two weeks before festival it will be every day. There will be some flexibility around concerts and pep band performances. Changes to rehearsal schedule will be posted outside the classroom.

Expectation and experiences will be the same as any other band student which include pep band to support school sports, band festival(s), workshops, local performances, two evening concerts and a possible overnight trip. The only difference from other bands is that I will expect a practice sheet of 30 minutes per week. This will count 10% on the student's grade. Students are expected to attend ALL specified performances and wear appropriate concert attire like all the other high school band students.

DRAMA

PLAY PRODUCTION/ACTING

Grade: 9, 10, 11, 12 Credit: 0.5

*This class takes place during 8th period (after school)
* Students may not sign up for this class in advance. Enrollment is offered after auditions.

Open to all students cast as actors or actresses in the annual High School Co-Curricular Play or San Juan Community play produced at the SJ Community Theatre.

This popular "8th" period "class" is offered to all students who participate in the annual High School Play or the San Juan Community play usually performed in mid-winter and the spring. If you are chosen as an actor/actress cast member, you can earn 0.5 credit for this valuable experience. It is expected that you will participate in a minimum of 75-90 hours of practical "instruction" through rehearsals, during which you will work on character development, script analysis, movement problems, etc. A grade will be issued at the end of the Spring semester upon successful completion of production in early February or May. This class is a great opportunity to earn valuable arts credits while learning within a focused hands-on culminating project. Not every student cast in the HS play or San Juan Community Theatre play needs to enroll for credit. If you choose not to enroll for credit, you will receive a school co-curricular letter.

TECHNOLOGY & LIFE SKILLS

STEM is an acronym for Science, Technology, Engineering and Math education. We focus on these areas together not only because the skills and knowledge in each discipline are essential for student success, but also because these fields are deeply intertwined in the real world. It is our mission to continually develop and maintain the FHHS STEM program as a world-class model for other educational institutions across Washington State and the nation.

STEM skills are increasingly necessary to engage in a knowledge-based economy. A STEM-literate student is not only an innovator and critical thinker, but is able to make meaningful and relevant connections between school, community, work, and global issues.

Currently, there are more job openings in STEM fields than qualified STEM job seekers and the gap is widening every year. There is solid evidence to suggest that the fastest-growing and highest-wage jobs in future years will be in STEM fields and all employees will need to utilize STEM skills for problem solving in a wide range of industries.

3D GAME DESIGN

Grade: 9,10, 11, 12 Credit: 0.5

STM 221

This course will act as an introduction to 3D game development, covering everything needed to take a game from concept to complete. It assumes no prior knowledge of programming or C# language, and with a wide range of topics, the course will provide opportunities for students to discover passions towards technology in ways that resonate with their interests. Additionally, this course is the prerequisite for Advanced 3D Game Design. Students will have the option to continue on to 2nd semester STM 222.

ADVANCED 3D GAME DESIGN

Grade: 9,10, 11, 12 Credit: 0.5

STM 222

*PREREQUISITE: 3D GAME DESIGN

This second semester class is designed for those who are interested in programming challenges beyond those introduced in 3D Game Design. This extension of the course will expand upon the content of the semester course and develop your skills as a programmer. The course will end with a capstone project to showcase your new abilities.

MOBILE APP DESIGN

Grade: 9,10, 11, 12 Credit: 0.5

STM 231

In this course we will create mobile apps for both Apple and Android devices. Through the class you will learn to use Xcode, Swift 2, and Java to make 18 different apps such as Uber, Instagram, and Flappy Bird. You will also work on creating your own apps and learn the process of uploading them to the app store for worldwide appeal.

DIGITAL PHOTOGRAPHY 1

Grade: 10, 11, 12 Credit: 0.5

STM 432
*PREQUISITE: 1 year of Art
*NOTE: If you have completed your Art credits, the credits from this course can be applied to Tech credits.

Digital Photography is a semester course that focuses on understanding the basic operations and functions of a digital single lens reflex camera and the manipulation of its settings to achieve a specific result. Students will learn about photographic elements of art and principles of design, composition, and lighting. Students will utilize Adobe Photoshop to edit and enhance their images. Aesthetic, technical, and expressive qualities will be openly discussed during class critiques.

DIGITAL PHOTOGRAPHY 2

Grade: 10, 11, 12 Credit: 0.5*

STM 433 (Semester 1)
STM 434 (Semester 2)
*PREQUISITE: 1 year of Art and Digital Photography 1
*NOTES: Sign up for both semesters to receive 1.0 credits. If you have completed your Art credit, the credits from this course can be applied to Tech credits.

This course can be taken consecutively as a yearlong course or separately as a semester course. The class is a continuation and deeper exploration of Digital Photography. Students will learn how to manage and creatively alter digital images as well as critically analyze the use of visual media as a means of communication in our society today. They will be provided a greater level of autonomy, expected to pursue their own interests and develop an individual voice. Students will explore the significance of photography with in the larger context of the art word, and learn about the critical and varied application it has to the modern working world. Students will have the opportunity to explore animation and film making within this class.

DIGITAL PRODUCTION LAB

Grade: 9,10, 11, 12 Credit: 0.5

STM 510 (Semester 1)
*NOTE: It is strongly recommended that students sign-up for both semester 1and semester 2 (STM 511)

If you can imagine it, you can create it! In this introductory materials engineering course, students will work with 2D and 3D imaging applications and software to model objects, work with image files, and print with a variety of 3D printers, computer-controlled routers, and plasma cutters. While the course will focus largely on polymer (plastic) printing, students will also have the opportunity to work with wood, ceramics, metal, and glass to create complex combinations of objects limited only by their creativity. This course is the prerequisite for the STM 511which is offered in semester 2.

ENGINEERING FROM CONCEPT TO CREATION

Grade: 9,10, 11, 12 Credit: 0.5

STM 511 (Semester 2)
*PREQUISITE: STM 510
*FEE: $20 to cover partial cost of consumable materials for this class.

Imagine an energy-independent San Juan Island. Solar-lighted bike paths paired with existing roads to ease interactions between riders and vehicles. A jacket made of a photovoltaic textile that charges your phone while it's in your pocket. With the knowledge and hands-on experience gained from the STM 510 course, student teams will propose engineering solutions to pressing school district and community issues and then take those ideas from concept to creation and beyond.

AUTOMOTIVE FOUNDATIONS AND SOLUTIONS

Grade: 9,10, 11, 12 Credit: 0.5

STM 340 (Semester 1)
STM 341 (Semester 2)

From combustion engines, to hybrids, to all-electric vehicles, students in the STM 340 course will learn about the evolution of personal transportation over the past century and peer into the future of propulsion, fuel alternatives, and self-driving automobiles. Students will learn the basics of maintenance and care applicable for all automobiles as well as explore common themes in chassis and engine design, electrical systems, and parts manufacturing. Care and use of general and special-service tools will be an integral part of the course as students gain hands-on experience with vehicles currently on the road. Students should be self-motivated and focused to be successful in this course. Attendance and participation are also important for success. This course may be taken more than once but students must be prepared to do advanced work.

WOOD SHOP

Grade: 9,10, 11, 12 Credit: 0.5

STM 350
*FEE: $20 to cover partial costs for this class.

In this class students will learn the safe operation of many hand and power wood working tools. Students will be introduced to the basics of wood as a material and methods of construction. The class will require students to pass safety tests, design items, prepare detailed construction drawings, and then construct the items. Field trips to local woodworking companies will be included, if time permits. Students must be self-motivated and focused in order to be successful in this class. This class may be taken more than once but students must be prepared to do advanced work.

ECONOMICS & SOCIAL MEDIA MARKETING

Grade: 10, 11, 12 Credit: 0.5

SSC 535

*NOTE: This course may be used to meet a Technology or Social Studies credit.

This course is designed to give students an introduction to how economic decisions made every day by both consumers and the government affect our lives. Concepts such as supply and demand, prices, wages, availability of natural resources, outsourcing and globalization will be addressed. In addition, students will be introduced to the stock market, investments, credit vs. debit cards, various loans and personal finance. The government's role in setting and then regulating economic policy will be covered also.

Understanding economics is one step; effective marketing in the technological world we live in is the next. Even in the rapidly changing social media environment, it is possible to design effective strategies and create dynamic content to reach target audiences. This course is also designed to introduce students to professional strategies for personal and organizational branding and marketing across current and future social media platforms. Students will be asked to design effective marketing campaigns that effectively deliver messages to a wide audience.

STARK INDUSTRIES ROBOTICS WORKSHOP

Grade: 9, 10, 11, 12 Credit: 0.5

STM 670

*NOTE: This course may be used to meet a science (non-lab) **or** technology credit.

*FEE: Each student will be assessed $20 to cover partial cost of consumable materials for this class.

ROVs, drones, and robots…oh my! This introductory course will expose students to a wide range of robotics applications including aerial drones, tethered and autonomous underwater vehicles, and the Internet of Things (think: online thermostats and toasters). Students will have the opportunity to design and build novel projects as well as modify existing commercially available products for course-specific applications. Students in this course will be encouraged to work with STM 510 students to design and manufacture original parts for their projects.

UNDER THE SEA: MARINE BIOLOGY

Grade: 10, 11, 12 Credit: 0.5

STM 700 (Semester 1)
*NOTE: This course may be used to meet a science (non-lab) **or** technology credit.

We live in a small island community surrounded by the ocean, yet few people know what lies beneath the surface of the water. This course will focus on the scientific study of the ecology and behavior of microbes, plants, and animals inhabiting our local and worldwide oceans, coastal waters, and saltwater wetlands including their interactions with the physical environment. We will cover marine botany, marine invertebrates, ichthyology, marine mammals, marine population dynamics, and the latest trends in biodiversity.

SUSTAINABLE FUTURES: RENEWABLE SAN JUAN ISLAND

Grade: 9,10, 11, 12 Credit: 0.5

STM 241 (Semester 2)

Imagine an energy-independent San Juan Island. Solar-lighted bike paths paired with existing roads to ease interactions between riders and vehicles. A jacket made of a photovoltaic textile that charges your phone while it's in your pocket. Did you know the STEM center has solar panels on its roof contributing to the power needs of the building? This course will introduce students to the basic principles of sustainable green practices, power generation technologies, and renewable resources within our own community and the region.

THE CULTURE CLUB: AQUACULTURE 101

Grade: 9,10, 11, 12 Credit: 0.5

STM 245
*FEE: Each student will be assessed $20 to cover partial cost of consumable materials for this class.

The ocean called and we're running out of seafood. . . and more and more communities are turning to aquaculture to provide sustainable food sources for the future. This course will partner up with the Westcott Bay Shellfish Company to prepare students to select, culture, propagate, and harvest cold and warm water oysters for food and pearl production. It will include instruction on the basic principles of aquatic and marine biology, the health and nutrition of aquatic and marine life, and the design and operation of oyster cultures.

LIFE SKILLS

Life Skills classes can be the most important classes you take. Experiences from these classes can help you acquire skills for the workplace, for your leisure time, and for your human relationships. The learning in these classes is about you. You will complete these classes with a better understanding of your interests, aptitudes, ambitions, strengths, and weaknesses. Whether you are headed for work, a certificate training program, a two-year college program, a four-year college program, or the military you will benefit from the knowledge gained in these classes.

STUDY SKILLS

Grade: 9,10, 11, 12 Credit: 0.5

LIF 112 (Semester 1)
LIF 113 (Semester 2)
*Students must be eligible for special education services in order to take this class.

The goal of the course is to help students develop strategies for students to learn study habits that can help them become confident in their performance in and out of school. Skills to be learned include taking good notes, creating an effective study plan, utilizing time efficiently and work on getting assignments done independently. Study skills can assist with active listening, stress management, time management, test taking and memorization. In addition to improving these skills, this class will assist students with their core classes. Based in the level and needs of a student, assignments can be modified to help them understand the core concepts.

COMMUNITY PROJECT EXPERIENCE

Grade: 11, 12 Credit: 0.5

LIF 150
*Graduation requirement.

What ignites your passion? What are your strengths? What does it mean to be a citizen? How do we define community? This course allows students to answer these essential questions by designing a project with a community partner that can explore their passion through direct, indirect or advocacy service. By designing a meaningful project, the student can impart a change that leaves a lasting legacy for the school, community and themselves.

In addition, students will explore their fifth year plan including career and college choices. A scholarship search, personal essay, resume building, and decision making will be a part of the course.

CULINARY ARTS I & II

Grade: 9, 10, 11, 12 Credit: 0.5

LIF 225 (Semester 1)
LIF 227 (Semester 2)
*FEE: Each student will be assessed $35 to cover partial cost of consumable materials for this class.

Tired of fast food and frozen entrees? This is a hands-on culinary course for students who want to learn basic culinary skills that work in the home kitchen while exploring the possibility of a career in food service. The essentials of the course include food and kitchen safety, nutrition, fundamental food preparation and cooking and baking terminology and techniques. Units of study vary from cookies to bread, breakfast to dinner and dessert. Students prepare food from scratch two to three days a week. All students are required to work one week in FHHS's commercial kitchen under the direct supervision of the chef and kitchen manager.

Culinary Arts II is a continuation of Culinary Arts I. After review of basic skills, students will continue learning food preparation techniques. Students will prepare bagels, pocket bread, simple and more advanced meals while studying how to extend their food dollar. In addition, students will spend a one-week rotation in a fast-paced kitchen environment working with a trained chef.

BAKING I

Grade: 9, 10, 11, 12 Credit: 0.5

LIF 281 (Semester 1)
LIF 282 (Semester 2)
*PREREQUISITE: Culinary Arts I
*FEE: Each student will be assessed $35 to cover partial cost of consumable materials for this class.

A class offered specially for the student who likes to bake. Students will learn basic culinary skills plus learn how to make baked goods that will be offered for sale in our Student Store. Breads, cookies, pies, and cakes are a few of the items students will learn how to make. Emphasis will be on quality of product, consistency of production coupled with a professional appearance and the fun of creating delicious food. We are seeking students who can follow instructions and are detail oriented and who want to learn the art of good baking.

CHEF 1.0

Grade: 9, 10, 11, 12 Credit: 0.5

LIF 235 (Semester 1)
LIF 236 (Semester 2)
*Pre-apprenticeship Program. Limited enrollment.
*PREREQUISITE: Culinary Arts I, II or International Cooking.
*Interview with Chef & High School Teacher Required.

This is an opportunity for aspiring chefs to work in a high volume fast paced kitchen environment with a trained chef. This is a real-time applied skill based experience that teaches kitchen protocols and other culinary skills that prepare students on a path to a career in culinary arts. Consistent attendance, strong work ethic and maturity are mandatory for participation.

CHEF 2.0

Grade: 10, 11, 12 Credit: 0.5

LIF 237 (Semester 1)
LIF 238 (Semester 2)
*Pre-apprenticeship Program. Teacher approval required. Limited Enrollment.
*PREREQUISITE: Chef 1.0

Chef 2.0 is the second tier of the Chef.0 Internship Program a pre-apprenticeship program that gives students valuable work experience in a high-volume, fast-paced kitchen. Students will learn further culinary skills, establish strengthen work ethic and explore the field of culinary arts. Consistent attendance, strong work ethic and maturity are mandatory for participation.

CHEF 3.0

Grade: 10, 11, 12 Credit: 0.5 – 1.0
(Based on # of hours. 180 hours =0.5)

LIF 237 (Semester 1)
LIF 238 (Semester 2)
*Teacher assigns students to this course. See teacher to enroll.
*PREREQUISITE: Chef 1.0 & 2.0

This is an opportunity for students whose career path is directed toward enrollment in Culinary School after graduation. Students will learn culinary skills and work ethic by working side by side with some of the best chefs on San Juan Island. The students can choose from bakeries and a variety of restaurants for a 2-month rotation in each.

THEATER TECH – TECH CREW

Grade: 9, 10, 11, 12 Credit: 0.5

*8th period class (after school)
*Enrollment for this class is offered **after** auditions and not in advance.

Open to all students involved with the Tech. Crew of the annual High School Co-Curricular Play produced at the SJ Community Theatre. This popular 8th period class is offered to all students who participate in a technical capacity with the annual High School Play, usually performed in mid-winter. It is expected that you will participate in a minimum of 180 hours of practical "instruction" through rehearsals, stage management, set design and construction, publicity, costuming and the tech "running crew" during the final performances. A grade will be issued at the end of the Spring semester upon the successful completion of the play production process in early February or late May. This class is a great opportunity to earn valuable arts credits while learning within a focused hands-on learning environment project. Not every student involved technically with the HS or San Juan Community Theatre play needs to enroll for credit. If you choose not to enroll for credit, you will receive a school co-curricular letter.

IEP WORK EXPERIENCE

Grade: 9, 10, 11, 12 Credit: 0.5

LIF 800 (Semester 1)
LIF 801 (Semester 2)
*Students must have an IEP to take this class.

Students will have an opportunity to look at vocational opportunities and learn work related job skills, explore career choices through research and on-the-job training and job shadowing.

WORK EXPERIENCE

Grade: 10, 11, 12 Credit: 0.5

LIF 309 (Semester 1)
LIF 310 (Semester 2)
*Application & interview required.

This program is appropriate for students who want credit for their part-time employment. It is the student's responsibility to find and secure employment, although the vocational instructor can assist with the employment search, resume, and the interview. In addition, the instructor may have ideas and suggestions for employment that build on the student's career goals. The instructor will meet with the student and the student's work supervisor to set goals. In addition, the student must meet twice a week with the instructor. Students must show progress toward completion (meeting with the instructor, submitting timesheets and working toward goals); inadequate progress will result in the student being dropped from the class at the 6 week grading period. The grade earned depends on the completion of goals, reports from the supervisor, submission of timesheets, and work skills demonstrated in the workplace. Working 180 hours can earn 0.5 credit. Application form and interview required with instructor.

INTERNSHIP

Grade: 9, 10, 11, 12 Credit: 0.5

LIF 311 (Semester 1)
LIF 312 (Semester 2)
*Application required.

This program is designed for students who want to acquire knowledge or skills related to a career. The activity, which CANNOT be for pay, should permit the student to explore a career interest. The instructor can help create and design the internship. The instructor will meet with the student and the intern's supervisor to set goals and expectations. In addition, the student must meet twice a week with the instructor. Students must show progress toward completion (submitting timesheets and working toward goals); inadequate progress may result in the student being dropped from the class. The grade earned depends on the completion of goals, reports from the supervisor, submission of timesheets, and work skills demonstrated in the workplace. Working 180 hours can earn 0.5 credit which is equal to working two and one-half hours per day. Students may apply by submitting an application form and interviewing with the instructor.

TEAM MANAGEMENT INTERNSHIP

Grade: 9, 10, 11, 12 Credit: 0.5

LIF 262 (Semester 1)
LIF 263 (Semester 2)
*Interview required.

Dream of working with a Professional Sports Team someday? Help shape your career path with a foundation in the sports industry by applying for the Team Manager Internship. The sports industry is rapidly growing and highly competitive. Give yourself the edge and develop skills in the areas of Team Management, Sports Medicine, Equipment Maintenance and Athletic Program Organization.

Internship duties include, but are not limited to: record keeping, filming, roster management, assisting the coaches and supporting the players. Be a part of the team and learn valuable skills in the Sports Industry! This class requires substantial time after school and on weekends. Multiple spots available for each sport. Reliable and organized boys and girls should express their interest to the Coaches and Liz Varvaro in the kitchen to kick off the application process!

ACADEMIC TUTOR/ASSISTANT

Grade: 9, 10, 11, 12 Credit: 0.5

LIF 251
*Teacher permission required.

To serve as a tutor, students must fill out an application and turn it in to the guidance counselor. As a tutor, a student will be assigned to assist an individual student or a learning group in a specific subject area under the supervision of a teacher.

SCIENCE LAB MANAGER

Grade: 11, 12 Credit: 0.5

LIF 261
*This course requires permission from Instructor.

Students in this position will be responsible for the science lab spaces in Friday Harbor High School. Students will be trained in proper techniques for creating solutions, chemical management and safety as well as inventory management and tracking. Students who successfully complete this course will receive a certificate indicating they have been successfully trained as science lab techs and can add this experience to their resume.

LIBRARY STAFF ASSISTANT

Grade: 9, 10, 11, 12 Credit: 0.5

LIF 253
*Teacher permission required.

Library aides will assist with the daily operations of the library. Students will help shelve books, organize materials, make deliveries, assist with various resources (such as iPads), and complete special projects. Each library aide will be responsible for several aspects related to the operation of the library. In addition, students will gain knowledge on the resources available to them, both in print and digitally. Confidentiality, dependability, responsibility and attention to details are all traits needed to succeed in this class. Students will be graded on responsibility and thorough completion of assigned tasks. Library aides also have the opportunity to read and review books!

OFFICE ASSISTANT

Grade: 9, 10, 11, 12 Credit: 0.5

LIF 254
*Teacher permission required.

A school office assistant helps with a variety of projects from attendance, copying, filing, delivering messages and basic office maintenance. The office assistant works closely with the office receptionist/secretary and office manager. A significant amount of time is spent using good phone skills and working with the public in a customer service capacity. Students will be required to interview with the office manager before this class is finalized on the student's schedule. Students will be graded on initiative, responsibility, and attendance. Confidentiality, dependability, and responsibility are traits needed to succeed in this class.

TEACHER AIDE

Grade: 9, 10, 11, 12 Credit: 0.5

LIF 255 (Semester 1)
LIF 259 (Semester 2)
*Teacher permission required.

As an aide, the student assists the teacher with specific projects, bulletin boards, data collection, preparation of class materials and other important administrative tasks. Tutorial tasks may be included. Confidentiality, dependability, and responsibility are traits needed to succeed in this class.

YEARBOOK

Grade: 9, 10, 11, 12 Credit: 0.5

LIF 301(Semester 1)
LIF 302 (Semester 2)
*It is strongly recommended that students sign-up for both semesters of this course.

This course is designed to teach students how to communicate through both photography and the written word. Skills that will be mastered will include digital photography, photo manipulation, page layout and design, and sales and marketing strategies. Students will be required to work collaboratively with other staff and develop leadership skills when taking charge of specific sections of the yearbook. Yearbook staff will be responsible for completing the required sections of the yearbook which will correspond to the semester they are signed up for. Second semester will include completing and submitting the yearbook for printing and (remove) as well as the art magazine supplement.