Dear Students and Families,

Welcome to Cavelero Mid High School. Whether you are just beginning the 8th grade or it is your second year at Cavelero and you are entering the 9th grade I hope you will give careful consideration to the classes you sign up for. The courses you take at Cavelero will lay the foundation for a successful experience in high school. And your success in high school will lead to future opportunities and success in life. Even if you do not know what you want to do in the future, it is important to open the door to as many opportunities as possible. We offer a wide variety of courses and learning opportunities and we encourage you to challenge yourself to the fullest.

While this course handbook is full of information about individual classes and academic requirements for graduation from high school, it also explains other graduation requirements. These requirements include such things as Community Service hours, the Viking Portfolio and the Viking Experience. Please look carefully at these requirements and begin to think about long range plans to complete them. Even if you are only an 8th grader, you too, should begin to think about graduation requirements and begin to plan accordingly.

I hope you are excited to be at Cavelero Mid High. It is an opportunity to attend one of the most beautiful schools in the state, to learn from some of the best teachers in the state and to get a quality educational experience that is second to none in the state.

John J. Gebert, Principal
Cavelero Mid High School

The Lake Stevens School District No. 4 complies with all federal rules and regulations and does not discriminate on the basis of race, color, national origin, sex, or handicap. This holds true for all students who are interested in participating in educational programs and/or co-curricular school activities. Inquiries regarding compliance procedures may be directed to the School District’s Title IX Officer and/or Section 504 Coordinator.
Title IX Officer: Ruth Keller 12309 22nd Street NE, Lake Stevens, WA 98258. Telephone: (425) 335-1504
Section 504 Coordinator: Ruth Keller 12309 22nd Street NE, Lake Stevens, WA 98258. Telephone: (425) 335-1504
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Students who need assistance may see a counselor during the school day, before and after school, or during lunch. Making an appointment, although not required, will be helpful in assuring counselor availability. Services available include:

**Individual Conferences:** Counselors, though responsible for specific students in grades 9-12, will be available to all students. A student may request to see a counselor of his/her choice.

**WASL Testing:** The only test coordinated by the CMHS Guidance Office is the WASL test. Complete interpretation is provided for this test.

**Substance Abuse Counseling:** The high school has a full-time Intervention Specialist and provides counseling to those students who feel they have need for support therapy. Outside referrals are made when necessary.

**Student Assistance Program:** Originally was set up to help students with substance abuse issues but the SAP purpose has grown to include any issues that a student faces that could hinder their academic and human growth. A staff member, a parent, a student can self-referral or peer referral another student. The program is not set up as a punitive or discipline program but one to truly help kids with any issue(s) that may be negatively

**Credit Retrieval/Non-Attendance:** If a student does not earn credit for a class due to lack of attendance, the student may be able to earn credit for that course by attending Saturday School. Attending Saturday School will allow students to make up hours missed due to non-attendance.
ADMISSION CRITERIA FOR MOST COLLEGES AND UNIVERSITIES

Most colleges and universities consider the applicant’s total record, including such factors as scholastic achievement, recommendations of high school principal or counselor, recommendations of faculty members, rank in class, and scores on any nationally administered tests associated with college entrance (SAT or ACT).

Scholastic achievement requirements are generally as follows:

1. For most four-year institutions it is recommended that a minimum cumulative grade point average of 2.50 be obtained as calculated in grades 9-12. In addition to courses required for graduation from Lake Stevens High School, four year colleges in Washington State also require an 8th semester of English, Algebra 3-4, two years of the same world language and two to three years of a lab science.

2. Admission to community colleges in the State of Washington is possible upon satisfactory completion of high school with a diploma.

3. For individual college requirements, consult the appropriate college catalog, Career Information Specialist, and/or counselor for assistance.

Copies of The Higher Education Book are available in the Guidance Office for aid in gathering information on colleges in Washington. Also available is a wide range of catalogs for colleges throughout the United States.

The Lake Stevens College Handbook is available from the counselors and has information for two and four year college preparations.

TESTING PROGRAM - COLLEGE ADMISSION

In addition to the general entrance requirements, similar to those outlined in the previous section, many colleges and universities now require that the student take one or more standardized state or national tests. Scores are sent to the college by the testing agency. The information concerning these tests is issued by the high school. All are optional, and it must remain the student’s individual responsibility to sign up for those tests in which he/she is interested. (Fees are determined by test agencies.)

The following tests are available to high school students:

SOPHOMORE & JUNIORS may take:

1. The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT) in the fall: fee approximately $18.00. The PSAT provides familiarization with the procedures involved in the SAT. The National Merit Scholarship program awards scholarships based on PSAT results for high school juniors. Other scholarships may use PSAT results as prerequisites for qualification.

2. Some students may wish to take the SAT during the spring testing opportunities, particularly those considering application to one of the military academies.
SENIORS OR JUNIORS may take:

1. The Scholastic Aptitude Test (SAT) is required by most public schools throughout the country as well as recommended by most private schools in the state of Washington. The College Entrance Examination Board tests may be taken in October, November, December, January, March, May and/or June. You can sign up for the SAT test at www.collegeboard.com.

2. The American College Test (ACT) may be substituted for the SAT. This test is specifically required by a few colleges/universities for admission. The American College Testing program may be taken in October, December, February, April and/or June. You can sign up for the ACT at www.ACTstudent.org.

Complete and detailed information concerning the testing program is available in the Guidance Office at the high school. All students who are college-bound should take advantage of this service.
RUNNING START
AT
EVERETT COMMUNITY COLLEGE ADMISSION

Students who will be juniors or seniors in September are eligible to apply for Running Start. Under this statewide program, classes at community colleges may be counted for both college and high school credit simultaneously. Some private colleges and universities will not accept credits earned through this program as college credits. There is no tuition for the classes, although students are expected to purchase their own books and pay some fees. Students are responsible for transportation and lunches.

Running Start students at EvCC may register for one, two, or three 5.0 credit college level classes each quarter. Each 5.0 credit class will usually count as one year of high school graduation requirement or elective, subject to decisions by school district superintendents. Students may register for classes that are less than 5.0 credits.

Students who begin Running Start classes as a senior are eligible for one year of college work while students who begin as a junior are eligible for two years of college work.

Classes taken at the community college must substitute for part of the student’s normal school day. For schedule planning, each college class substitutes for two high school periods. Running Start students are eligible to participate in extra-curricular activities at both the college and high school, but in competitive sports only at the high school.

Current admission requirements for the Running Start Program at EvCC expect that the student demonstrate ability to succeed in college-level courses, usually with a cumulative 2.5 GPA and placement at college entry level in writing. Students should also be aware that each academic class at the college may necessitate one to two hours extra daily study time. Any failed class remains permanently on the college record and could jeopardize high school graduation. It is best that students begin Running Start in the fall quarter and continue the same enrollment pattern (full-time or part-time) through the year to avoid conflicts arising from semester-quarter differences between EvCC and high school.

To enroll in Running Start at EvCC, students must apply by April 1 for the fall quarter; October 15 for the winter quarter and January 15 for the spring quarter. Applicants will be notified of acceptance within 30 days. For more information, contact your high school counselor, or call Everett Community College at 388-9211 or 388-9222.
Earned credits necessary for class standing at the beginning of each school year:

Grade 10   4.5  
Grade 11   10.5  
Grade 12   16.5  

Seniors must have completed **22.5 credits at the completion of the last day of final exams** second semester, in order to participate in graduation exercises.

**REQUIREMENTS FOR GRADUATION**

22.5 credits are required for graduation, including the following specified classes/areas:

<table>
<thead>
<tr>
<th>Category</th>
<th>Minimum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>3.5 credits</td>
</tr>
<tr>
<td>Must include:</td>
<td></td>
</tr>
<tr>
<td>English 9</td>
<td>minimum (1 credit)</td>
</tr>
<tr>
<td>English 10</td>
<td>(1 credit)</td>
</tr>
<tr>
<td>3 1-Semester Electives</td>
<td></td>
</tr>
<tr>
<td>Must include one literature and one writing class</td>
<td></td>
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<tr>
<td><strong>Mathematics</strong></td>
<td>2.0 credits</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>3.0 credits</td>
</tr>
<tr>
<td>Must include:</td>
<td></td>
</tr>
<tr>
<td>Global Studies 1-2</td>
<td>1.0 credit</td>
</tr>
<tr>
<td>US History &amp; Government 1-2</td>
<td>1.0 credit</td>
</tr>
<tr>
<td>Contemporary World Issues</td>
<td>0.5 credit</td>
</tr>
<tr>
<td>Contemporary American Issues</td>
<td>0.5 credit</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>2.0 credits</td>
</tr>
<tr>
<td>Must include one lab science credit</td>
<td></td>
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<tr>
<td><strong>Physical Education</strong></td>
<td>1.5 credits</td>
</tr>
<tr>
<td><strong>Health</strong></td>
<td>0.5 credit</td>
</tr>
<tr>
<td><strong>Occupational Education</strong></td>
<td>1.5 credits</td>
</tr>
<tr>
<td>(beginning with the class of 2008)</td>
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</tr>
<tr>
<td>must include 0.5 Computer Applications, Drafting or Digital Design)</td>
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</tbody>
</table>

**Additional Graduation Requirements for the classes of 2008, 2009, 2010 and 2011**

- Students must demonstrate competency in Algebra and Geometry by successfully completing those courses, passing a district performance-based assessment or passing the Math portion of the WASL.

- Students must complete .5 of their Occupational Education credits with a focus on technology literacy (or successfully complete a district performance-based assessment). This requirement may be met by taking Digital Design, Computer Applications or Drafting.
THE VIKING EXPERIENCE
The Viking Experience includes a collection of each student's best work that ultimately leads to the Senior Culminating Exhibition. Students select favorite examples of learning from each class and archive them in their personal portfolios. The portfolio is organized around the four Washington Learning Goals and individual student pride. It is the goal of this project to provide students with the opportunity to present their learning in an authentic manner. The Viking Experience should motivate and engage each student as a means of celebrating their past and current successes, as well as their dreams for the future. Seniors can utilize their portfolios for future reference of their best work for college admissions and/or jobs. A further significant component is community service work. These hours begin in the students' freshman year and these experiences are reflected in their VIP paper, which is completed during the junior year. This paper leads to the Culminating Exhibition. (Science beginning with the class of 2010)

WASHINGTON ASSESSMENT OF STUDENT LEARNING (WASL)
The WASL assesses individual students statewide in specified grades in reading, writing, math, and science. In these tests, students must communicate, solve problems and think critically and analytically about the questions and their answers. While sixty percent of the questions are multiple choice, the rest require students to write short or long answers.

The WASL helps ensure all students, not just the college bound, receive a strong education and have the opportunity to succeed after graduation. According to current legislation, beginning with the Class of 2008 all students must meet or exceed the standards in science, math, reading, and writing to receive their Certificate of Academic Achievement. Employers, higher education institutions, and scholarship organizations seriously review WASL scores as an indicator of future successes. (Science beginning with the class of 2010)

SCHEDULE CHANGES AND ACADEMIC NO CREDIT
Specific times for schedule changes will be announced in advance. Schedule changes will not be allowed following the start of school except for new students, students with incomplete schedules, students who do not meet the prerequisites for the courses in which they are enrolled, and students with special circumstances. In addition, a student who drops a class after 15 class days will receive an F. No classes can be dropped during the last month of the semester.

Students will not be allowed to enroll in any course for credit following the 15th day of each semester. In special circumstances, a student may maintain enrollment in a course but earn no credit through “Academic No Credit.” The last day to initiate this process will be prior to 45 teaching days into the semester. Any student who does not maintain regular attendance will lose this status and an “F” grade will be recorded on their transcript.

EARNING CREDIT FOR COURSES TAKEN DURING MIDDLE SCHOOL
Students who wish to earn credit for high school courses taken during middle school must see their guidance counselor. Note: Whatever grade a student earned in middle school will be counted in determining that student’s Grade Point Average (GPA) during high school.
Description of Courses

The following brief descriptions of the course offerings at Cavelero Mid High School are provided to assist you in selecting your courses wisely. If, after reading the description, you have further questions, please see your counselor. Courses which may be taken more than one time are indicated by an asterisk. (*) This is located next to the credit amount for each course.

FINE ARTS DEPARTMENT

The following courses satisfy the Fine Arts graduation requirement. A student who does not successfully complete a beginning course may repeat that course.

Art:
- Design 1
- Design 2

Music:
- 9th Grade Band
- 9th Grade Choir

Art Courses

ART 123 Design 1
Grade: 9
Length: 1 semester
Block of Time: 1 period
Credits: .6
Prerequisite: None
This course teaches the basic design elements. A variety of art media are employed such as painting, drawing, printmaking, and clay. There will be a $15 materials fee.

ART 125 Design 2
Grade: 9
Length: 1 semester
Block of Time: 1 period
Credits: .6
Prerequisite: Design 1
This course reviews the basic design elements and introduces the design principles. A variety of media is employed such as, painting, clay, wire, and collage. This course prepares students for advanced art classes. There will be a $15 materials fee.
Music Courses

MUS 111/112 9th Grade Band
Grade: 9
Length: 1 year
Block of Time: 1 period
Credits: .6 per semester*
Prerequisite: None
This elective course requires previous study of an instrument of the band OR willingness to study privately with an instructor. Music representing different styles and periods of history is learned and performed. Opportunities for composition and conducting may be explored, too. Band members are required to perform at all band events such as public concerts, contest and festivals. In addition, students are required to perform and march at all football and some basketball games as well as parades. Students shall work for continuous growth in musical skills and awareness of musical styles. Students will be required to purchase an outfit.

MUS 120/121 9th Grade Choir
Grade: 9
Length: 1 year
Block of Time: 1 period
Credits: .6 per semester*
Prerequisite: 1st semester required for 2nd semester
This year long course offers the opportunity to gain experience in the performance of vocal music. The preparation and public performance of three and four part music, both accompanied and unaccompanied, selected from a variety of styles and musical periods provides the basis for this course. Vocal technique and music theory will also be examined.
INFORMATION TECHNOLOGY DEPARTMENT

All courses satisfy the Occupational graduation requirement. A student who does not successfully complete a beginning course may repeat that course.

BUS 191 Computer Applications 1
Grade: 9
Length 1 semester
Block of Time: 1 period
Credits: .6
Prerequisite: None

This course provides computer skills that everyone needs for college and the work place! Learn a multitude of useful features that you probably weren’t aware of when using Microsoft Word, Excel, Power Point and the Internet. You will definitely gain keyboard skills as you progress through this class while learning how to maximize your use of many applications within the Microsoft Office XP software suite – don’t leave high school without this valuable class! Bonus: This is the first class on your road to obtaining Microsoft Office Specialist core certification! Course meets .5 of the Occupational Education or Technical Education credit needed for graduation.

BUS 192 Computer Applications 2
Grade: 9
Length 1 semester
Block of Time: 1 period
Credits: .6
Prerequisite: Computer Applications 1 or equivalent skill (test given).

Do you enjoy working with computers? Continue to improve your skills and learn the more advanced features of Microsoft Office XP! Word features include advanced multi-column documents, advanced tables, mail merge, graphics and drawing. Excel features include working with advanced formulas and graphics. Students will create their own web page (using basic HTML), their own personal business cards and stationary, as well as a professional portfolio of their various work samples. Bonus: This is the second class on your road to obtaining Microsoft Office Specialist core certification! Course meets .5 of the Occupational Education or Technical Education credit needed for graduation.

BUS 171 / 172 Digital Design 1-2
Grade Level: 9
Length 1 year
Block of Time: 1 period
Credit: .6 per semester (Occupational or Fine Arts)
Prerequisite: None

Want to learn and create digital images? Want to learn how to create visual web pages that involve more than text? Using Adobe Photoshop CS2, Macromedia Studio 8, create high graphic images and animated files that can be displayed in HTML documents. Create HTML pages displaying production from all programs. Use of notepad and various web editors will be utilized to create HTML documents for viewing in Internet Explorer.
ENGLISH DEPARTMENT

ENG 200 Pre AP English
Grade: 9
Length: 1 year
Block of time: 1 period
Credits: 1.2
Prerequisite: None
Pre-AP English is a rigorous, fast-paced class that reflects the 10th grade curriculum in Lake Stevens. This English course is designed to help students pass the Advanced Placement writing and literature test. Students will read a variety of genres (fiction, non-fiction, drama, and poetry) both classics and contemporary, for the purposes of developing higher level reading skills. Of equal importance, the writing component of this course covers key areas of composition and grammar more suited to the advanced student. Enrollees must earn a B or better to remain in the class.

ENG113 English 9
Grade: 9
Length: 1 year
Block of time: 1 period
Credits: 1.2
Prerequisite: None
The course objectives promote student mastery of the writing process, writing mechanics, essential skills of library research, and speech. World literature, poetry, drama, nonfiction, and ancient mythology are introduced. This year long class is required of all freshmen.

Note: Students who did not meet standard on the 7th-grade Reading and/or Writing WASL will be required to take a 1-semester WASL Acceleration course at Lake Stevens High School to prepare them for success on the 10th-grade WASL. Students who do not meet standard on the 10th-grade WASL will be required to take a 1-semester Literacy course to prepare them for retaking the WASL during their junior and/or senior year to meet the state graduation requirement.
PHYSICAL EDUCATION/HEALTH
DEPARTMENT

Students are required to take Health and 1.5 credits of PE for graduation. Physical Education 1 is required of all freshmen and is prerequisite for all other PE classes. The PE program is built around weekly aerobic fitness activities to promote life-long health.

HPE 111 Physical Education 1
Grade: 9
Length: 1 semester
Block of Time: 1 period
Credits: 0.6
Prerequisite: None

This class will cover a variety of sports and recreational activities providing the basics in skill development and rules for each sport. This required course places primary emphasis on fitness, skill development, aerobic training and FUN. You can look forward to swimming, basketball, flag football, and many more great units. Suiting up plays a big part in student’s evaluation--so be prepared.

HEC 121 Family Health
Grade: 9
Length: 1 semester
Block of Time: 1 period
Credits: 0.6 (meets health graduation requirement)
Prerequisite: None

Students will use skills in decision-making, goal setting and critical thinking as they learn about health and related issues. A healthy person has balance in the four areas of physical, intellectual, emotional and social health. Students will study nutrition, stress management, first aid and CPR, drug and alcohol prevention, managing emotional health, human growth and development, and consumer issues and how they relate to their own personal wellness. Career exploration and 13th year plan is also included in Family Health.

SOC 191/192 Student Leadership
Grade: 9
Length: 1 year
Block of Time: 1 period
Credits: 0.6 per semester *(0.6 Occupational credit)
Prerequisite: Application selected process

Student's will assess their leadership potential, create and implement leadership goals, and apply their learning to personal, school and the larger community. The course content will focus on goal setting, leadership awareness, communication skills, project planning strategies and community involvement. Students will create a portfolio of work to exhibit completion of this course.
Students must complete a minimum of two (2) credits of mathematics in order to graduate from LSHS. Students who will be applying to a four year college must complete three or more credits, including successful completion of at least Algebra 3-4. (1 semester = .5 credits) The sequence of available courses is as follows:

**MTH 127 Cognitive Tutor Algebra 1-2**
- Grade: 9
- Length: 1 year
- Block of Time: 1 period
- Credits: 1.2
- Prerequisites: None

This is an alternate method to a traditional Algebra course. It includes a computer component as well as an investigational approach intended for students needing an alternate mathematical teaching style. Created for students who may have struggled in previous math courses.

**MTH 121 Algebra 1-2**
- Grade: 9
- Length: 1 year
- Block of Time: 1 period
- Credits: 1.2
- Prerequisite: None

This course makes the transition from arithmetic to algebra by developing an understanding of an ability to use mathematical concepts, principles and processes. The number system (with literal and signed numbers), fundamental operations, linear equations, special products and factoring, fractions and fractional equations, and powers and roots constitute the core of the course. The primary objectives of the course are to increase the student’s ability to solve problems and to familiarize them with mathematical symbolism in preparation for higher math.

**MTH 231 Geometry**
- Grade: 9
- Length: 1 year
- Block of Time: 1 period
- Credits: 1.2
- Prerequisite: C- or better grade in Algebra 2

This fast paced class will cover geometric figures in the plane and in space. The study of points, lines, polygons, circles, planes and their various relationships form the basic core of the course.
**MTH 323 Algebra 3-4**

Grade: 9  
Length: 1 year  
Block of Time: 1 period  
Credits: 1.2  
Prerequisite: C- or better grade in Geometry 1-2 or by math department placement.

This course begins with a comprehensive review of Algebra 1-2. The scope is broader, the approach more mature, and the structure of algebra receives much more attention. Inequalities, systems of equations and work problems, irrational numbers, conics, functions, graphs, variation, exponents and logarithms, polynomials, sequences and coordinate geometry and trigonometry are studied.

**SCIENCE DEPARTMENT**

College bound students should take Biology during their sophomore year, Chemistry as juniors, and choose one of the following their senior year: Physics, AP Chemistry, AP Biology.

**SCI 131/132 Physical Science 1-2**

Grade: 9  
Length: 1 year  
Block of Time: 1 period  
Credits: .6 per semester  
Prerequisite: None

This course includes the use of the scientific method and application of scientific skills in problem solving. General scientific principles and writing are emphasized in the curriculum that includes the scientific method, the metric system, basic introductory chemistry which includes properties and states of matter, atomic structure, periodic table, compound formulas and names, chemical bonding, chemical reactions, solutions, acids and bases. This course also includes physics which includes energy, motion, forces, work, and power. This course is typically required for freshmen.

**SCI 221/222 Biology 1-2**

Grade: 9  
Length: 1 year  
Block of Time: 1 period  
Credits: .6 per semester  
Prerequisite: Physical Science 1-2 (full year)

Biology is a two (2) semester course that explores the general principles of life. Emphasis is given to the structure and function of cells, the concepts of heredity, and the classification of plants and animals. Laboratory experiments are provided to emphasize the subject matter. This class is recommended for those planning to attend college. Must pass first semester to take Biology 2.
TECHNOLOGY EDUCATION DEPARTMENT
Occupational Classes

VIA 121/122 Drafting 1-2 (Engineering Related)

Grade: 9
Length: 2 semesters
Block of Time: 1 period (Art or Occupational credit)
Credits: .6 per semester
Prerequisite: None

This elective course is an introduction to drafting. First semester includes: sketching, mechanical drawing, lettering and dimensioning. Computer Aided Drafting (CAD) is emphasized in completing the drawing assignments. This is a challenging course that will align with many careers. Drafting is recommended for anyone interested in technical occupations - from architecture to visual communications and personal use. Second semester is a continuation of first semester. Emphasis is on architecture, technical illustrations, construction problems and other related topics.

VIA 193/194 Manufacturing Technology 1-2

Grade: 9
Length: 1 semester
Block of Time: 1 period
Credits: .6 per semester (Art or Occupational credit)
Prerequisite: None

Do you enjoy learning about how things are made and why they are made from certain materials? Do you enjoy working with your hands and making things? If yes, then this is the class for you. Manufacturing Technology offers a broad range of activities, skills and experiences designed to provide understanding needed for success and safety as a worker and productive citizen. First semester students will apply skills learned in class to conduct experiments and design special projects with composite and metals. Personal projects will include blending metals into alloys and creating personal jewelry. Second semester students will apply skills learned in class to conduct experiments and design special projects with polymers and ceramics.
WORLD LANGUAGE DEPARTMENT

For the student planning on attending a four-year college, two consecutive years of a World Language with a minimum of “C” average or better meets the basic entry requirements.

**FLA 121/122 Spanish 1-2**

- Grade: 9
- Length: 1 year
- Block of Time: 1 period
- Credits: .6 per semester
- Prerequisite: 2.0 GPA required

This course places emphasis on pronunciation, vocabulary, and many of the unique aspects of Spanish grammar. Students will learn simple conversational patterns, basic sentence structure, and cultural elements of the Spanish-speaking world.
SPECIAL EDUCATION DEPARTMENT

All students registering for any of the following classes must have an IEP and teacher/case manager permission.

**SEV 140 English 1-2**
- Grade: 9
- Length: 1 year
- Block of Time: 1 period
- Credits: 1.2

The course objectives promote student mastery of the writing process, writing mechanics, essential library skills, and speech. The five essential components of reading (comprehension, vocabulary, fluency, phonics, and phonemic awareness) are studied through world literature, poetry, drama, fiction, and nonfiction.

**SEV 146 Math 1-2**
- Grade: 9
- Length: 1 year
- Block of Time: 1 period
- Credits: 1.2

These courses use the problem solving approach to the study of number sense, measurement, algebraic sense, geometry, probability and statistics. Focus will be on real world applications. Placement in skill levels 1-4 will be decided by using current assessment data.

**SLA 912 Language Arts**
- Grade: 9
- Length: 1 year
- Block of Time: 1 period
- Credits: 1.2

This course provides student understanding of the writing process, writing conventions, reading comprehension skills, reading fluency, literary elements and vocabulary through literary texts, novels, poetry, Reader’s Theater, fiction/nonfiction texts, fluency programs and skills practice.

**SMT 001 Basic Math**
- Grade: 9
- Length: 1 year
- Block of Time: 1 period
- Credits: 1.2

This course provides a basic understanding of real world math skills. Some of these math skills include: time, time management, banking, cooking, menu math, shopping skills and a core knowledge of addition, subtraction, multiplication and division.
**SRW 001 Remedial Reading/Writing**

Grade: 9  
Length: 1 year  
Block of Time: 1 period  
Credits: 1.2

This course provides an introduction to the writing process, writing conventions, reading comprehension skills, reading fluency and vocabulary through literary texts, novels, poetry, Reader’s Theater, fiction/nonfiction texts, fluency programs and skills practice.

**SCC 001 Social Skills**

Grade: 9  
Length: 1 year  
Block of Time: 1 period  
Credits: 1.2

The course objective is to teach the social skills needed to communicate and understand appropriate behaviors in social situations through role play, group discussions and curriculum.

**BEP SSK Behavior Modification Social Skills**

Grade: 9  
Length: 1 year  
Block of Time: 1 period  
Credits: 1.2

The course objective is to teach the social skills needed to communicate and understand appropriate behaviors in social situations through role play, group discussions and delivery of curriculum, as well as teaching the skills needed for behavior management and conflict resolution.
**Sno-Isle Tech: A Technical High School**

Sno-Isle Skills Center, located near Paine Field in Everett, is a cooperative effort of 14 local school districts. The purpose of each program is to provide you with skills that will prepare you for entry-level jobs after graduation from high school or for related post high school education or training.

All occupations are organized into six broad clusters or “pathways” based on tasks that are performed on the job. As students become more knowledgeable about themselves, they will tend to be more “comfortable” in one or two of the pathways. All Sno-Isle programs are found in one or more of the six pathways.

Students interested in attending the Sno-Isle should have a good attendance record at their sending high school and should give careful consideration to their degree of interest in making a commitment to a particular program. This is especially important because the programs are one or two years in length.

Application to Sno-Isle is made in the spring of each year for entrance into fall classes. Application forms are available in high school counseling offices. Personal interviews of students submitting applications will be conducted at Sno-Isle.

There are two sessions each day at Sno-Isle. The first session is from 8:00 to 10:30 each morning, and the students then return to their sending high schools to attend their regular afternoon classes. The second session is from 11:10 to 1:40 each afternoon with the students attending their regular classes at the sending high school in the morning. Transportation to Sno-Isle is provided by the sending school district.

Sno-Isle students complete graduation requirements at their sending high school. Students can earn one and one-half credits each semester at Sno-Isle. Many Sno-Isle programs offer academic cross credit opportunities. Students can receive more information on cross credit opportunities from their sending school counselor.

Sno-Isle has articulation agreements Everett Community College, Edmonds Community College, Shoreline Community College, Lake Washington Technical College, and other community colleges in the area. Through these agreements, students successfully completing selected Sno-Isle programs may receive college credit or a waiver on some learning requirements in a variety of college classes. Anyone planning to receive college credit for a Sno-Isle course must check with the Sno-Isle instructor.

**Auto Maintenance**

11-12  
1-year

Career Pathways: Business Contact, Business Operations, Technical

Explore the final frontier; let the world beneath the hood be a mystery no more. The Automotive Maintenance program will teach you what you need to know to keep a car purring, and give you the skills to find an entry-level job in the auto industry. Learn what to look for when inspecting the battery, brake, master cylinder, radiator, steering system, shock absorbers, brake lines and fuses. Practice rotating and breaking down tires, fixing flats and balancing wheels. Get more in-depth study of how to lubricate moving parts, maintain the transmission and differential, check fluid levels in the engine and change oil.
Auto Technician Training  
Career Pathways: Technical

Not recommended for the hobbyist. With the advanced technology of today’s automobiles, skilled certified technicians are in demand. The Auto Technician Training Program provides students with training in these certified areas: Lube Technician, Tire Technician, Suspension/Alignment Technician, Brake Technician, Engine Repair, Electrical/Electronics, Fuel Management Ignition Tune-up (Engine Performance), Heater/Air Conditioning. One of a technician’s most valuable skills is the ability to make a quick and accurate diagnosis. This requires good reasoning ability and a thorough knowledge of today’s automobiles. Students at the Skills Center gain that knowledge and skill as they operate an active auto shop where skills are applied in an actual job setting. Students must be willing to spend a certain amount of time in theoretical instruction including reading technical manuals. Classroom lectures, demonstrations, and text assignments complete the training program.

Students should have tenth grade reading skills and seventh grade writing and math skills. Previous Auto Mechanics, Small Gas Engines, or Agriculture Mechanics courses are recommended. One year of Electronics would be helpful. Students must be mature, ready to take on responsibilities, and maintain good attendance.

College credits may also be earned through Lake Washington Technical College.

Business and Management  
Career Pathways: Business Contact, Business Operations

Have you ever dreamed of owning or managing your own business? This program develops entrepreneurial skills and abilities that guide you through the process of planning, creating, and operating a small business of your own design. Throughout the year, you will be learning basic business skills that will help you be more successful when you go to work, and you will learn what it takes to be a successful business owner. Wanting to own your own business is only a dream if you don’t have the money to make it happen, so you will be learning a great deal about investing, financial planning and saving, so you can make your dream a reality.

Successful completion of this course requires the ability to be self-motivated, to work independently, and the dream of being a business owner. Be in charge of our own destiny – be an Entrepreneur!

Computer Aided Drafting and Design  
Career Pathways: Technical, Science

Are you interested in 3D modeling and Design? Then CADD is the place for you. The course focuses on the design process, modeling and prototyping for the manufacturing, industrial, marine and aviation fields. Skills are adaptable for use in a wide variety of fields such as Mechanical Engineering, Industrial Design, Prototyping, Architecture, Naval Architecture and Animation modeling. You will learn basic through advanced skills of 3 dimensional modeling with the goal of entering the job market going on to further education.

Supportive high school classes include math (algebra and geometry), drafting, graphics, and computer classes.

College credits may also be earned through Edmonds Community College, Everett Community College and Lake Washington Technical College.
**Computer/Web Programming**

Career Pathways: Business Operations, Business Contact and Science

Are you interested in new technology and the challenge of continuous learning? This self-paced program meets the demands for technically skilled employees, offers up to 40 college credits and prepares you for professional certifications. Enjoy a friendly environment as you develop software for Windows applications, web sites, cell phones of PDA’s, incorporating text, graphics, animation and sound. Work with a client to develop a “real world” business project. This program’s professional reputation is earned by the coordination of technical skills and employer-sought people skills.

The professional reputation earned from our graduates is critical to the program’s success. For this reason and due to the program’s self-paced structure, successful students are self-motivated, personally accountable, and have professional attitudes.

Up to 40 college credits may also be earned through Edmonds Community College, Everett Community College or Lake Washington Technical College.

**Computers, Servers and Networking**

Career Pathways: Science, Business Operations, Technical

Computer, Servers and Networking is a unique, hands-on curriculum focusing on attaining certification in multiple areas. Year one focuses on A+ Hardware, A+ Software, Network +, CCNA, and beginning Windows 2003 Server. Students learn through hands-on labs and activities, lecture, and real-world based projects. Second semester will include student-run tech support for the student computers at the Skills Center, allowing the student to gain real-world experience while still in school. Through tech prep agreements, students who receive a B or above in the program may be eligible for up to 20 college credits.

Second year students are encouraged to pursue advanced professional certifications and serve as on-site tech support for the school. Second year continues with Windows 2003 Server operating system or students may pursue specific certifications based on their own career goals.

Familiarity with Windows operating systems, basic DOS commands, and an ability to use critical thinking to solve problems will aid in success in this program.

College credits may also be earned through Lake Washington Technical College.

**Construction Trades**

Career Pathways: Business Contact, Technical

This course is run as realistically as possible in order to resemble a construction company. Students will be introduced to construction industry jobs, they will help plan, estimate, order materials and build projects. The projects include, but are not limited to framing, roofing, siding, stairs, rafters, handing windows and doors and some finish work.

The program is coordinated and sponsored in partnership with N.C.C.E.R. (National Center for Construction Education and Research) and C.I.T.C. (Construction Industry Training Council). With the successful completion of the program, the students will receive an Industry-recognized Certificate of Training. The students must maintain a C or better grade in the class. To become a 2nd year student, you must complete the core curriculum and carpentry one to industry standards.
Students must have good eye-hand coordination, ability to perform basic math skills (decimals, fractions, percents, and measurement), ability to stay on task when working independently and as part of a crew, ability to visualize completed projects from drawings, and be trustworthy and a self-starter.

**Cosmetology**  
Career Pathways: Business Contact, Social Service

Cosmetology is 1800 hours in length. Students generally begin the program in June after their junior year, continue during their senior year, and complete their training the following summer or fall. The State Board exam can be taken following completion of the training. Students may choose one of two locations: Shoreline Community College, or Everett Community College at the Marysville campus. These schools do not observe the same schedule as the high schools, so students often are working during regular school vacations. Students go to school from 12:00 noon to 4:30pm Monday-Friday at Shoreline Community College. Students attending the Shoreline Program also follow the Community College Calendar. There is an additional fee and tuition expense for this class. Sno-Isle partially subsidizes tuition and fees. These costs vary depending upon the particular school.

Students who have good manual dexterity and who have an easy time communicating with people do well. Allergies may create problems for cosmetologists because of the use of chemicals, and anyone with back problems should seek another occupation since barbering and cosmetology involves long hours of standing with the arms elevated. An eagerness to serve the public is essential!

**Criminal Justice**  
Career Pathways: Business Contact, Social Service

Students will be exposed to all aspects of the criminal justice system including the evolution of law enforcement: past, present and future. Student will develop leadership qualities and learn command presence. They will deal with issues such as: ethics, morals, principles and legality. The class will include several on site visits to correctional facilities, police departments, and courtroom trials just to mention a few. Students will receive professional training in weaponless defense, handcuffing techniques, water rescue, CPR, and first aid.

The class deals with very mature subjects, which can be shocking to one’s conscience. Many videos and guest presentations along with demonstrations supplement the class material. The criminal justice system is diverse and so is this class.

**Culinary Arts**  
Career Pathways: Business Contact, Technical

Students receive training as line cooks, prep cooks, pantry workers, baking & pastry positions, sanitation, and wait staff. Fine food preparation, using classical techniques, as well as baking, management and hospitably industry skills are learned through practical experience as students prepare meals and operate Le Bistro Restaurant four days a week. Classroom instruction, demonstration, and text assignments enhance the training program. Morning students prepare most of the food, and the afternoon students finish preparation and operate the dining room.

Keys to success in this program are to possess a genuine interest in a career in the Hospitality industry (the largest non-public employer in the country, accounting for more than 10 million jobs), the desire to serve the public, basic math skills, ability to follow directions and complete tasks quickly and efficiently, excellent attendance, an eye for detail, and ability to work both with groups and independently. 

College credits may also be earned through Lake Washington Technical College.
**Dental Assisting**  
Career Pathways: Science, Social Service  
11 – 12  1-year

Students will learn oral anatomy, sterilization and disinfection, oral pathology, preventive dentistry and radiography (x-ray). Other course objectives include chair-side procedures, impressions and study models, safety standards and regulations, observations and internships. Students must be understanding and communicate well with others. The student needs to be able to work independently in a diverse environment as a team member. Good manual dexterity and eye-hand coordination are required.

Successful completion of this course could qualify the student to apply for employment in dental assisting, sterilization, dental lab technician or a front office position. Many dental hygiene courses give preference to students with dental experience.

Other keys to success in this program are the ability to work under pressure, to change working situations hourly, be self-motivated, to read/comprehend technical dental information, and to memorize dental terms and procedures including anatomy and physiology.

**Diesel Mechanics**  
Career Pathways: Technical  
11 - 12  1- year

This course is designed to prepare students for entry-level mechanic’s apprentice and helper or specialist positions with experience in diesel driven or hydraulic operated equipment repair and maintenance. Students gain knowledge and skills needed to rebuild, repair, and maintain the main components of diesel equipment. Supportive high school courses include any shop classes using hand and power tools.

Keys to success in this program are the ability to read technical text, parts and service manuals, ability to do math (decimals, fractions, percents, and formulas), ability to work independently in completing assigned projects and solving problems, and the ability to remain on task until project is completed.

**Fashion and Merchandising**  
Career Pathways: Business Contact, Arts  
11 – 12  1- year

This program is designed to train students for entry-level positions in the fashion-retailing field. Retail sales involves selling merchandise, making out sales slips, receiving cash payments, giving change, and handling credit payments. Fashion show production, advertising, creating displays, ordering merchandise, inventory control, and many other duties are involved in retail training. An in-depth study of the history of fashion, current designers, elements of design, and professional wardrobe coordination help to prepare students for the work place.

There are no prerequisites, but good math, reading, and communication skills are desirable. Confidence and the ability to work independently are helpful characteristics. Students must have the ability to work in group activities and be flexible. Good attendance is required.

**Fire Service Technology**  
Career Pathways: Social Service, Technical  
11 – 12  1- year

This course is open to students interested in a career in the Fire Service. Instructional areas are fire fighting suppression training, fire prevention, inspection and investigation, life skills, self-confidence, leadership and teamwork, basic First Aid/CPR and safety awareness.
Students will work in a classroom setting as well as outside in inclement weather. This course is housed off campus in three local fire stations: Snohomish (District 4), Glenwood (City of Everett) and District 1 (by Mariner High School). Teamwork, leadership and individual responsibility will be developed.

A desire to help others and give back to the community is essential. Good communication skills, an ability to work as a team member and a positive attitude are important. Reading level of text is 9th through 12th grade.

**Graphic Arts Technology**  
**11 – 12 1-year**  
Career Pathways: Arts, Technical, Business Contact

Like working with your hands? Like Art? Like Marketing? Graphic Arts Technology gives the unique opportunity to produce a variety of projects in the print media. This class meets a variety of student interests including computer design, layout, printing technology, and silk-screening. Students will work in a business-like yet relaxed atmosphere designing brochures, logos, and other products for customers. Express your creative abilities professionally while building an effective portfolio for the job market and/or college. There is a high demand for trained people in the graphics industry, and student internships are available in the final quarter of class.

**Medical Assisting**  
**11 - 12 1-year**  
Career Pathways: Business Contact, Business Operations, Science, Social Service

This program trains students for various medical administrative support and patient service positions in clinics, hospitals and specialty practices. Students with an interest in the areas of applied health can achieve excellent career opportunities using many diverse skills. The areas of patient reception, patient registration, medical appointment scheduling, medical record keeping, and medical transcription are included in this training program. Students will also learn medical terminology, anatomy and physiology appropriate for clinical and specialty use. Students will receive hands on training with vital signs: blood pressure, pulse, temperature and respiration. Students will learn patient charting procedures related to vital signs. First Aid and CPR certification are available. Upon completion of required course competencies, a six-week internship in spring provides work-based learning experiences. Students can earn up to 20 college credits through successful completion of this program. Second year students, as space permits, have the option of work experience or internship opportunities.

One semester of keyboarding is required. Basic knowledge of word processing, good spelling and proper grammar usage will promote success in this career area. This course requires serious commitment to learning challenging material.  
College credits may also be earned through Everett Community College.

**Nursing Assistant**  
**11 – 12 1-year**  
Career Pathways: Social Service, Science

Students spend time in the classroom and the hospital lab at the Skills Center learning many procedures for patient care. These procedures include learning to take blood pressure, temperature, pulse and respirations, as well as learning how to bathe, groom, feed, lift, exercise, and position patients. During this time, students will become familiar with anatomy, physiology, signs and symptoms and prevention of disease. Students become comfortable with the process of illness, aging and death. A portion of the year is spent in a supervised clinical experience working with patients in nursing homes and other extended-care facilities. Students successfully completing this course and passing a State exam qualify for a State Nursing Assistant Certified certificate (NAC). They are then ready for immediate employment. College credits may also be earned through Everett Community College.
**Precision Machining**

Career Pathways: Technical, Science

This course is an introduction to the Engineering and Manufacturing Industry. Without this industry there would not be any autos, planes, rockets, computers, office equipment, household goods, and many other modern day conveniences. Because people will always want and need manufactured goods, this industry will never become obsolete. Toolmakers and machinists earn high wages. In a comparison of all careers including doctors and lawyers, tool-making ranks #7 in lifetime career earning potential. In this course, students will learn how to plan and make precision finished parts from raw metal. Students will use precision measuring tools, lathes, milling machines, computer CAD/CAM, and CNC (Computer Numerical Control) machines.

This course prepares students for employment in the field of engineering and manufacturing and can qualify them for advanced placement at Lake Washington Technical College, Everett Community College, Shoreline Community College, Green River Community College, or Renton Technical College. College credits may also be earned through Everett Community College and Lake Washington Technical College.

**Robotics, Electronics, and Computers**

Career Pathways: Technical, Science

What do wireless computer networks, medical imaging systems, automobile engine/transmission controls, and the Mars rover have in common? They all use sophisticated electronics and require highly skilled engineers and technicians to build, troubleshoot and maintain complex communication control, and instrumental systems.

Over half of the class time is devoted to hands-on activities in our well equipped electronics lab. Students work with electrical circuits – both analog and digital electronics, microcontrollers and microprocessors. They learn to analyze and build circuits using schematics and prototyping boards. They then, test and troubleshoot the circuit using electronic test equipment such as digital multimeters, function generators, and oscilloscopes. You can design, build and program your own robot! Learn to solder and build a telephone or binary clock. This program is a great foundation for the engineering student.

Students should be able to perform calculations using basic algebra skills and read at the 9 or 10th grade level. Must be able to work independently when solving problems or completing projects. Successful students have strong attendance and are responsible.

Prepare for your career today by earning up to an entire year of college credit in this exciting technical program. College credits are earned from both Edmonds Community College and North Seattle Community College.

**Veterinary Assisting and Grooming**

Career Pathways: Science, Social Science

This program is ideal for students interested in an animal-related career. Entry-level skills needed to become veterinary assistants and grooming assistants are taught as well as a thorough investigation of other careers available in the field. Students learn breed identification, detection of illness, sanitation, and major illnesses. Surgical assisting and grooming skills are learned in a realistic setting on campus that models job site environments found in industry.
Students gain experience through practical handling of dogs, cats, and horses at the school and on internships in local businesses during spring quarter. Text work and class assignments are challenging due to the nature of the topics covered throughout the program. Basic math skills are utilized often in class. The internship portion during spring quarter requires personal transportation to a local business site.

Supportive High School classes are Biology, Math, and Animal Science. Good spelling and proper grammar usage will promote success in this career area. The reading level of our text is 9th through 12th grade. It is important for students to have good hand-eye coordination, good communication skills, an ability to work as a team member and demonstrate a positive attitude. This course requires serious commitment to learning challenging material.

**Welding/Metal Fabrication**

11 – 12  
1 year

Career Pathways: Technical, Arts

This program trains students in blueprint reading, shop math, layout and fit-up, and fabrication of a wide variety of projects.

This program works to train students in the basic entry-level skills of oxy-acetylene welding and cutting (hand and machine), shielded metal arc welding, gas metal and flux cored arc welding, gas tungsten arc welding, and many other areas. Advanced students will also be able to work on a CNC Plasma cutting table, cutting out such items as art forms, signage and parts.

Students do not need to have previous welding training to be accepted in this program. Applicants should have the following skills and abilities: good attendance, basic math skills, safe work habits, and desire to work hard.

Numerous jobs are available in the shipyards and welding shops. Apprentices are needed in sheet metal, iron working, pipefitting, and boiler making. One of the most efficient and economical ways to join metal is to weld it. Fabrication is the process of making things out of metal according to blueprints, drawings and sketches.

Work experience credit and Washington State Welder Certification testing are available to graduating seniors in their final semester. Cross credited math credit is available from some sending schools. This program will give you a strong foundation of welding safety, types, careers and much more! College credits may also be earned through Everett Community College and Lake Washington Technical College.
# LSHS FOUR YEAR COURSE PLANNER

## 1st Semester 9th Grade

<table>
<thead>
<tr>
<th>English 9</th>
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<tbody>
<tr>
<td>PE 1 or Health</td>
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<td>Physical Science</td>
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<td>Math Elective</td>
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## 2nd Semester 9th Grade

<table>
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<tr>
<td>Physical Science</td>
</tr>
<tr>
<td>Math Elective</td>
</tr>
</tbody>
</table>

**Total Credits** __/_

**Credit Evaluation**

**English Dept.** (7 Sem)

- Eng. 9
- Eng. 9
- Eng 10
- Eng 10

**Math Dept.** (4 Sem)


**Science Dept.** (4 Sem)

- Global Studies
- U.S. History 1
- U.S. History 2
- C.A.I.
- C.W.I.


**Total Credits** __/_

## 10th Grade

### 10th Grade

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<th>English 10</th>
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<td>Global Studies</td>
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<td>Math</td>
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<td>Science</td>
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<table>
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<tr>
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<tbody>
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<tr>
<td>Global Studies</td>
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<tr>
<td>Math</td>
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<tr>
<td>Science</td>
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**Total Credits** __/_

**Social Studies** (6 Sem)

- Global Studies
- U.S. History 1
- U.S. History 2
- C.A.I.
- C.W.I.

**Science Dept.** (4 Sem)

- Physical Science


**Total Credits** __/_

## 11th Grade

### 11th Grade

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<thead>
<tr>
<th>U.S. History 1</th>
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<td>Comp/Lit Elective</td>
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<tr>
<th>U.S. History 2</th>
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<tr>
<td>Comp/Lit Elective</td>
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</table>

**Total Credits** __/_

**Occupational** (3 Sem)

- Tech Lit

**Fine Arts** (2 Sem)


**Phys. Ed/Health** (4 Sem)

- PE 1
- Health

**Total Credits** __/_

## 12th Grade

### 12th Grade

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<th>Cont. World Issues or CAI</th>
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<tr>
<td>English Elective</td>
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| Cont. American Issues or CWI |

**General Elective** (15 Sem)


**Total Credits** __/_

29