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- Family and Consumer Sciences 23
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- Health and Physical Education 27
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Cover Design: Reagan/Bush/McMillian
Introduction

Timberline HS is a comprehensive high school that has many exciting learning opportunities for you from Grade 9 through Grade 12. Timberline offers strong academic and vocational programs, including Advanced Placement and Post Secondary programs available in the high school. While meeting state and district graduation requirements, you should explore a variety of subjects during your high school years. To help you make the best choices, we recommend that you carefully review all parts of this catalog. The detailed descriptions provided for each course offering will assist you in enrolling in a balanced program consisting of both required and elective courses each semester.

The State Board of Education requires students to complete certain subjects and earn a designated number of credits in order to be awarded a high school diploma. For your convenience, a High School Credit Check List is provided in this catalog on pages 4, 6 and 7. Plan carefully what courses you will take, and when. If you are interested in continuing your education in a four-year college or university directly after graduation from high school, it is especially important to begin planning in Grade 9 to assure all admission requirements are met.

Students graduating from Timberline will be required to successfully complete a culminating project. Please review and update your plan utilizing the information on page 7. For additional assistance in planning your high school program, contact your counselor.

WE ARE GLAD YOU ARE HERE. WE WISH FOR YOU THE VERY BEST OF SUCCESS IN ALL OF THE LEARNING OPPORTUNITIES YOU PURSUE.

“A good head and good heart are always a formidable combination. But when you add to that a literate tongue or pen, then you have something very special.”

Nelson Mandela
Students and parents should contact a counselor if they have questions regarding transitions between schools, registration, course selection, interpretation and use of test results, or graduation requirements. High School counselors assist students with academic, vocational, college, and personal questions. Parents may contact a counselor to facilitate teacher meetings, discuss their students’ current scheduling, or post high school planning. Students and parents are strongly encouraged to make an appointment with a counselor or our career technician.

Timberline High School’s counseling and career center offers a wide variety of services and resources:

- Visiting middle schools during the prior school year to provide a smooth transition from middle to high school.
- Assist students in planning, selecting and successfully completing high school courses that prepare them for their post-high school plan.
- Teaching students about the intricacies of college admission, how to develop and sustain study habits and develop personal/social support systems.
- Host parent nights providing information on course selection/registration, financial aid, college admission, and other topics.
- Work with students, parents and families on addressing personal problems that are interfering with student success.
- Facilitates outreach with community mental health support agencies.

The high school career specialist helps students:

- Develop an awareness of self (interests, aptitudes).
- Explore a wide variety of careers (job shadows, speakers, field trips).
- Examine the educational requirements for their chosen career.
- Develop job-seeking skills.
- Learn about job openings and volunteer opportunities in the community.
- Provide access and assistance with WOIS (Washington Occupational Information System). WOIS is a complete system of information about occupations, educational training programs, and post-secondary schools.

Counseling Staff: Students are assigned to a counselor by their last name.

<table>
<thead>
<tr>
<th>Ms. April Olson</th>
<th>A - Cl, AVID 9 and 12</th>
<th>Mrs. Becky Cottrell</th>
<th>Registrar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Steve Crane</td>
<td>Cm - He</td>
<td>Mrs. Judy Allsup</td>
<td>Scholarship Specialist</td>
</tr>
<tr>
<td>Ms. Rose Worgum</td>
<td>Hf - McG, AVID 10 and 11</td>
<td>Mrs. Diane Boesenberg</td>
<td>Career Center Specialist</td>
</tr>
<tr>
<td>Ms. Sharon LaBuda</td>
<td>McH - Sa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mr. Matt Stevens</td>
<td>Sb - Z</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Counselors are available Monday – Friday, 7:00 AM – 2:30 PM.

Timberline Blazer Trail Guide Advisory Program

All Timberline students will be involved in the Timberline Blazer Trail Guide Advisory Program. This program provides a forum for students to regularly meet with an Advisor who will assist them in developing a comprehensive plan for high school and beyond. Blazer Trail Guide Advisors will also provide students with monitoring and support. Students will receive pertinent information including grades and transcripts during the Blazer Trail Guide sessions. In the spring of each year the student, their parents, and advisor will meet at Student Led Conferences to review the student’s portfolio and pre-register for classes (grades 9-11) or present the Culminating Project (grade 12). Students will remain with the same Advisor and Trail Guides group for their entire time at Timberline High School.

Family Access

Family Access is available to all parents of Timberline High School Students. Family Access allows you to view your student’s grades, schedule, and attendance. It also provides you the opportunity to contact your student’s teachers with any questions or concerns. To apply for Family Access click on the “Family Access to Grades” link at http://www.nthurston.k12.wa.us//Domain/197. Once we receive your on-line application, we will email your login and password to the email on record.

*NOTE:* if you used Family Access for your student at middle school, the login and password are still valid.
To graduate from Timberline High School and receive a diploma, you must successfully complete a **minimum of 22 credits** based on a 6 period day. A semester course that meets for 90 periods of 55 minutes each is a .5 credit. With passing grades, 6 credits (3 per semester) may be earned during the school year’s regular program. **Transfer students required credits might vary (see page 9).**

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>4.0 credits</td>
</tr>
<tr>
<td><strong>Mathematics (must be Algebra 1 or above)</strong></td>
<td>3.0 credits</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>2.0 credits</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>3.0 credits</td>
</tr>
<tr>
<td>World Studies 1, 2 and 3</td>
<td>1.5 credits</td>
</tr>
<tr>
<td>US History</td>
<td>1.0 credit</td>
</tr>
<tr>
<td>Civics</td>
<td>.5 credit</td>
</tr>
<tr>
<td><strong>Health &amp; Physical Education</strong></td>
<td>2.0 credits</td>
</tr>
<tr>
<td>Health</td>
<td>.5 credit</td>
</tr>
<tr>
<td>Fitness</td>
<td>1.5 credits</td>
</tr>
<tr>
<td><strong>Career &amp; Technical Education</strong></td>
<td>1.0 credit</td>
</tr>
<tr>
<td>Any courses in Applied Technology, Business &amp; Technology, Career Choices and Family &amp; Consumer Sciences</td>
<td></td>
</tr>
<tr>
<td><strong>Visual &amp; Performing Arts</strong></td>
<td>1.0 credit</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>6.0 credits</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>22.0 credits</td>
</tr>
</tbody>
</table>

In addition, to the credit requirements, students must also:

- Meet standard on the ELA exit exam or Career-and-College ready ELA test (or state approved alternative).
- Meet standard on the Algebra EOC or the Geometry EOC or the Career-and-College ready math test (or state approved alternative).
- Meet standard on the Biology EOC (or state approved alternative).
- Complete a High School and Beyond Plan (HSBP).
- Complete a Culminating Project (including a student led conference).
- Complete a curriculum in Washington State History (PNW).

- To receive a diploma from Timberline High School, the last semester of coursework must be earned in a THS program.
- The requirements listed are minimum for high school graduation and can be completed in four years. If more time is needed, students may enroll in additional coursework up to age 21.
- Students who plan to attend a four-year college/university directly after high school should refer to the Washington Public Four-Year College/University Admission Requirements on page 12.
- **Marching at graduation**: in order to participate in the graduation ceremonies, it is the student’s responsibility to complete ALL graduation requirements PRIOR to the ceremony.
TIMBERLINE HIGH SCHOOL GRADUATION CHECK LIST:  Class of 2018

✓ Meet standard on ELA (English Language Arts) exit exam or SBAC (or state approved alternative)
✓ Meet standard on Algebra or Geometry EOC math exit exam and Biology EOC (or state approved alternative)
✓ Complete a High School and Beyond Plan (HSBP) and Senior Project
✓ Meet District credit requirements
✓ 4-year college/university admission requires additional credits – see course catalog

Student: ___________________________ Class of: ________   Post High School Goal: _______________

TIMBERLINE HIGH SCHOOL CREDIT REQUIREMENTS (based on opportunity to earn 24 credits*; additional credits required if student is able to earn more than 24 credits.)

**English (4.0)
**Mathematics** (3.0)
**Science (2.0)
**World Studies I, II, & III (1.5)
**US History (1.0)
**Civics/Government (0.5)
**Fitness (1.5)
**Health (0.5)
**Career & Technical Education (1.0)
**Fine, Visual & Performing Arts (1.0)
**Electives (6.0)

WA State History/Government

ELA exit exam _____Algebra or Geometry EOC exit exam or SBAC math_____ Biology EOC_____
Culminating Project _____ High School and Beyond Plan (HSBP) _____

COURSE PLAN FOR GRADUATION

<table>
<thead>
<tr>
<th>9TH GRADE</th>
<th>10TH GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ST SEMESTER</td>
<td>2ND SEMESTER</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11TH GRADE</th>
<th>12TH GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ST SEMESTER</td>
<td>2ND SEMESTER</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
TIMBERLINE HIGH SCHOOL GRADUATION CHECK LIST: Class of 2019-2020

- Meet standard on SBAC ELA (English Language Arts) (or state approved alternative)
- Meet standard on SBAC Math and Biology EOC (or state approved alternative)
- Complete a High School and Beyond Plan (HSBP) and Senior Project
- Meet District credit requirements
- 4-year college/university admission requires additional credits – see course catalog

Student: ___________________________ Class of: ________   Post High School Goal: _________________

TIMBERLINE HIGH SCHOOL CREDIT REQUIREMENTS (based on opportunity to earn 24 credits*; additional credits required if student is able to earn more than 24 credits.)

<table>
<thead>
<tr>
<th>Subject</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (4.0)</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>Mathematics**(3.0)</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>**must include algebra and geometry; 3rd year needs to be Algebra II or CTE (if fits career plan specified in HSBP)†</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science (2.0)</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>World Studies I, II, &amp; III (1.5)</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>US History (1.0)</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>Civics/Government (0.5)</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>Fitness (1.5)</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>Health (0.5)</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>Career &amp; Technical Education (1.0)</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>Fine, Visual &amp; Performing Arts (1.0†)</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>Electives (6.0)</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>WA State History/Government</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>SBAC ELA ____</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>SBAC math____</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>Biology EOC____</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>Culminating Project _____</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
<tr>
<td>High School and Beyond Plan (HSBP) ____</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
<td>☐ ☐ ☐ ☐</td>
</tr>
</tbody>
</table>

COURSE PLAN FOR GRADUATION
Washington State Graduation Testing Requirements

High School Credits (district requirement 22 credits; 24 credits for Class of 2021 and beyond)
- Pass state tests or approved alternatives (state requirement)
- Complete a culminating project (district requirement)
- Complete a High School and Beyond Plan (state requirement)

### Class of 2016 — State Test Requirements

<table>
<thead>
<tr>
<th>ELA (Choose 1)</th>
<th>MATH (Choose 1)</th>
<th>SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Reading AND Writing HSPE*</td>
<td>- Algebra EOC**</td>
<td>- NOT REQUIRED - Senate Delayed Biology EOC++ requirement until Class of 2017</td>
</tr>
<tr>
<td>- SBA ELA (exit exam cut score)+</td>
<td>- Geometry EOC**</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Algebra EOC Exit Exam**</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Geometry EOC Exit Exam**</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- SBA Math (exit exam cut score)+</td>
<td></td>
</tr>
</tbody>
</table>

### Class of 2017 and 2018 — State Test Requirements

<table>
<thead>
<tr>
<th>ELA</th>
<th>MATH (Choose 1)</th>
<th>SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>- SBA ELA (exit exam cut score)+ (11th grade accountability)</td>
<td>- Algebra EOC Exit Exam**</td>
<td>- Biology EOC++</td>
</tr>
<tr>
<td></td>
<td>- Geometry EOC Exit Exam**</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- SBA Math (exit exam cut score)+ (11th grade accountability)</td>
<td></td>
</tr>
</tbody>
</table>

### Class of 2019 — State Test Requirements

<table>
<thead>
<tr>
<th>ELA</th>
<th>MATH</th>
<th>SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>- SBA ELA (exit exam cut score)+</td>
<td>- SBA Math (exit exam cut score)+ only taken if in Algebra II or higher</td>
<td>- Biology EOC++</td>
</tr>
</tbody>
</table>

### Class of 2020 — State Test Requirements

<table>
<thead>
<tr>
<th>ELA</th>
<th>MATH</th>
<th>SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>- SBA ELA (exit exam cut score)+ taken in 10th grade</td>
<td>- SBA Math (exit exam cut score)+ taken in 10th or 11th grade</td>
<td>- Biology EOC++</td>
</tr>
</tbody>
</table>

*The last administration of the HSPE was in the spring of 2016. It will not be administered again.*

**EOC exams are based on previous Washington State Learning Standards in math. EOC exit exams are based on updated Washington State Learning Standards (Common Core), beginning in school year 2014-15. EOC exams based on Washington’s former learning standards in math were administered for the last time in winter 2015.

+ The Washington State Board of Education has set the exit exam cut score at 2548 for ELA and 2595 for Math. The Smarter Balanced Assessment Consortium set a higher college- & career-ready cut score at Level 3 that will be used for accountability in 11th grade. If a 10th grader meets the college- & career-ready cut score on the ELA Exit Exam, he or she will not have to retake the ELA test in 11th grade.

++ Until Next Generation Science Standards (NGSS) are implemented and assessed, students will be required to pass the biology EOC. After NGSS are implemented and assessed, students will be required to pass a comprehensive NGSS Test. The timeline for NGSS is being developed.

All materials related to graduation may be found online at [www.k12.wa.us/Resources](http://www.k12.wa.us/Resources).
High School and Beyond Plan and Culminating Project

Complete a High School and Beyond Plan: Within the first year of high school enrollment, each student shall develop a plan for satisfying the District’s high school graduation requirements and for his/her first year after high school completion. The plan shall be developed in collaboration with the student, parent/guardian and District staff. The plan shall include how the student will satisfy the District’s academic credit requirement, preparation for successfully completing the Washington Assessment of Student Learning or designated state assessment, a description of the student’s culminating project and the student’s goals for the year following graduation. Each student plan shall be reviewed annually to assess student progress, to adjust the plan, and to advise the student on steps necessary for successful completion of the plan.

Directions for Completing Your Culminating Project:
The culminating project is a requirement for graduation in the North Thurston Public Schools. It is also a state requirement for a diploma. Your culminating project has three required components: a portfolio, a presentation and community involvement. This guide will help you complete these three components.

Portfolio:
Your portfolio contains documents demonstrating your proficiency in essential skills. You may add work to your portfolio beginning in 9th grade. Your portfolio should contain work from your senior year. Your school will provide you with specific information about your portfolio. When a teacher feels you have done coursework that qualifies as one of your “Best Works”, he or she will mark it as such and recommend you include that in your portfolio.
The North Thurston Public Schools requires four documents in your portfolio:
- Reading or writing best work
- Math best work
- Creative, artistic or a production best work
- A personal choice entry of a best work
Each high school will designate additional required elements for your portfolio. Portfolios may be a hardcopy notebook binder or an electronic portfolio using the WOIS system (Washington Occupational Information System), which is available at your school. Your advisor will tell you where and how to store your portfolio and documents.

Presentation:
The presentation documents your proficiency in the essential skills of:
- Speaking
- Performance
- Future educational and work goal setting
Your presentation for the culminating project will be your student-led conference during your senior year. This usually occurs in March on the days designated for parent-teacher conferences. All high schools will have students in grades 9 through 12 participate in student-led conferences. This will help you practice for your senior year. Each school will provide an outline of what you need to discuss at the student-led conference.

Community Involvement:
Community involvement is a requirement. You need to earn 20 or more hours of community involvement. This can be accomplished through community service activities, participating in a job shadow experience, working with an adult mentor, or through a combination of these activities. You may begin earning and documenting community involvement hours during fourth quarter of your junior year. You must complete this requirement by the time of your presentation, during student-led conferences in March of your senior year. You and your parents or guardians will be arranging your own community involvement activities following the guidelines for culminating project. There is a separate document, Directions for Completing the Community Involvement Requirement, to help you. Parents must sign and return to the school the Parent/Guardian Information and Hold Harmless Form. To assist students in planning, there is a reference, Tips for Successful Community Involvement for Students. Parents should read Tips for a Successful Community Involvement for Parents. You will document your community involvement activities and time using the Community Involvement Documentation Form. Once you have completed an activity, give the form to your advisor.

Completion Dates:
All three required components must be complete at the end of your student-led conference in March of your senior year.
Graduation Requirements for Transfer Students

Students who transfer into Timberline and want to earn a THS diploma will be expected to complete all subject and credit requirements listed for their graduation class. Additionally, students who transfer from a school where other than 3 credits each semester could be earned, such as a four period day schedule, will have their total credits required for graduation adjusted. The total credits required for graduation would be the total credits that could have been earned in other schools, plus the total credits that can be earned at Timberline, minus 2 credits. For example:

<table>
<thead>
<tr>
<th>9th grade year</th>
<th>10th grade year</th>
<th>11th grade year</th>
<th>12th grade year</th>
<th>Required for Graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Previous school</td>
<td>Previous school</td>
<td>THS</td>
<td>THS</td>
<td></td>
</tr>
<tr>
<td>8 credits</td>
<td>+</td>
<td>6 credits</td>
<td>+</td>
<td>6 credits = 28</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td></td>
<td></td>
<td>Minus 2 credits = 26 credits</td>
</tr>
</tbody>
</table>

Grading Policies

The State of Washington has defined the following letter grades and point values to be used for reporting academic achievement on uniform, standardized state transcripts for all grades (9, 10, 11, 12):

A = 4.0  B+ = 3.3  B- = 2.7  C = 2.0  D+ = 1.3  F = 0.0
A- = 3.7  B = 3.0  C+ = 2.3  C- = 1.7  D = 1.0

P (pass) and NC (no credit) may also be used, but will not count towards GPA calculation. P/F (pass/fail), W (withdrawal) or NC (no credit) requires a collaborative decision between counselor and teacher.

Repeating a Course to IMPROVE a Grade:
Credits are awarded at the end of each semester for classes completed with passing grades. Credits attempted for courses taken more than once to improve a grade/mark may count only once toward the number of credits required for graduation. Credits attempted for courses taken more than once to improve a grade may count toward the number of credits required for graduation on the condition that the letter grades earned for all attempts are included in the calculation of the student’s grade point average. To make a grade change, a student must submit a written request to the Registrar in the Counseling Center. WAC 180-57-070 (7)

Repeating a Course for CONTINUED Study:
Students may choose to repeat a course to increase their knowledge in a particular area of study. This would apply to subject areas such as Art, Music, Fitness and CTE. A list of courses that may be repeated for additional credits is on page 8. Instructor permission is required.

Independent Study Class Criteria

An independent study course at Timberline High School is defined as an existing class in our curriculum that a student is not able to schedule during the time it is offered. The course must be taken during the student’s school day. The criteria are as follows:
1. Must be taken during the student’s school day,
2. Must be arranged if not possible to take the class during the period that it is offered, and
3. Must be arranged with the instructor’s permission and administrator’s approval.
Request to Waive a Subject Requirement

A student may apply to waive a subject requirement, and can obtain an application in the Counseling Center. A completed application with an updated four-year education plan showing courses completed and to be taken, must be submitted to the student’s counselor for review. The counselor will forward the application with recommendations for approval / disapproval to the principal who will make a final decision on the request. The student will be notified of the principal’s decision. Physical education may be waived “on account of physical disability, employment, religious beliefs, or because of participation in directed athletics or military science and tactics, or for other good cause.” RCW28A.230.050. Applications to waive a requirement must be submitted at least one semester in advance of the semester for which it is being requested.

*Even though a subject requirement is waived, students must still meet the minimum 22 credits required for the diploma.

Repeating a Course for Additional Credit

Listed below are the courses that students may elect to repeat for additional credit with the Instructor’s permission.

APPLIED TECHNOLOGY
Adv Auto Service Technology
Intermediate Digital Photography
Media Arts
Introduction to Broadcasting
Journalistic Writing
Event Planning

HEALTH & PHYSICAL EDUCATION
All Fitness classes except PE 1

LANGUAGE ARTS
Journalistic Writing

BUSINESS, MARKETING, AND TECHNOLOGY
Work Based Learning
Entrepreneurship/Store Operations
Visual Design

OPTIONAL OPPORTUNITIES
Leadership
Annual

VISUAL AND PERFORMING ARTS
AP Studio Art
Advanced Sculpture and Pottery
Intermediate Digital Photography
Green Orchestra
Gold Orchestra
Concert Band
Wind Ensemble
Jazz Band
Concert Choir
Symphonic Choir
Chamber Choir
Treble Choir
Directing II
Stagecraft I and II

*only one of the following classes may be taken during a semester and any combination may be taken or repeated for up to 2.0 elective credits of the diploma requirements.

Attendance Assistant
Audio-Visual Assistant
Copy Center Assistant
Library Assistant
Peer Tutoring
Teacher/Staff Assistant
Schedule Changes

All students are expected to carefully select courses during their pre-registration. There will be limited opportunities to make schedule changes after pre-registration. Schedule change request forms will be available in the Counseling Center. Class change requests can be made during the first 5 school days of the semester. Changes may be made to resolve scheduling conflicts, respond to Counselor/Administrator or parent requests or teacher recommendations, and to include graduation requirements (seniors only). Changes are not final until approved by a Counselor. Students need to attend their scheduled classes until their request is processed. After the first 5 days of the semester, schedule changes will only be considered if there are special circumstances and the request is initiated by a teacher, counselor, or administrator.

Withdrawing from a Scheduled Course

A student who withdraws from a scheduled class after the 10th school day of either semester will receive an F grade. If special circumstances exist, the student may appeal the rule by presenting a written request to the counselor within one week of withdrawal. Such requests are reviewed by the counseling center, which makes a recommendation with input from your teacher to the administration.

Late Enrollment in Courses

Students enrolling in a course prior to the 20th day of classes will be able to earn full semester credit. A student enrolling after the 20th day of the semester will be able to earn .25 credit. After the fifth day of the second quarter, enrollment will be for no credit.

Partial credit for new student enrollment, enrollment dates and available credit per semester:
Transfer student = .5 credit: If they are enrolled in the same course as their former high school and enrolled at Timberline within 2 weeks of withdrawal from previous school.
Students can enroll for full credit up to the 20th day of either semester.
After 20th day of semester = .25 credit
After 50th day of semester = NO CREDIT

Criteria for Awards/Eligibility for Sports

- Honor Cord: 3.25 Cumulative GPA
- Honor Roll: 3.5 Cumulative GPA
- Distinguished Scholars: 3.75 GPA over the last 7 semesters
- Washington Principals’ Scholars: Top 5% of Senior Class
- Presidential Academic Fitness: 3.5 GPA (current) and 85th percentile or higher in math or reading on a standardized test (ex. SAT or ACT)
- Athletics: 2.0 GPA (current) and passing at least 5 classes and no more than 1 “F”
- ASB/Class Officers: 2.0 Cumulative GPA
Minimum Washington College & University Admission Requirements
College Academic Distribution Requirements (CADR)

To be eligible for admission, students must complete the following college-preparatory courses, or vocational, integrated, or college course equivalents, before enrolling. **Students will be required to earn a minimum of three CADR credits during each year of high school.** Exceptions may be granted depending on individual circumstances. Students are encouraged to pursue additional course work beyond these minimums. Students are encouraged to consult with the Admissions Representative from their desired college.

**15 Credits** (in subject areas below)

Note: The term “credit” is used to designate that a student has satisfactorily completed a CADR course during the high school academic year.

**English – 4 credits (4 years of study)**
*must include 3 credits of college preparatory composition or literature
*1 credit may be in drama as literature, public speaking, debate, journalistic writing, Business English or English as a second language

**Mathematics – 3 credits (3 years of study)**
*Algebra 1, Geometry and Algebra 2
Note: Successful completion of math through pre-calculus meets the requirements for 3 credits of math and the senior math requirement

**Mathematics – Senior Year**
*can be met by taking Algebra 2 or
*Pre-Calculus, math analysis (if Algebra 2 has been completed) or
*stats, advanced level of applied math or a math based career/technical course or
*algebra based science course ie chemistry or physics courses that incorporate knowledge of Algebra
Note: completion of a higher level math prior to senior year (ie pre-cal, calculus, math analysis) exempts students from this requirement

**Science – 2 credits (2 years of study)**
Two credits of laboratory science are required: One of these credits must be in an algebra-based science; one of these credits must be in biology, chemistry or physics.
Note: Western Washington University specifies that the algebra-based science be chemistry or physics

**World Languages – 2 credits (2 years of study)**
*of the same World Language, Native American language, or American Sign Language

**Social Science – 3 credits (3 years of study)**
*history or other social sciences

**Arts – 1 credit (1 year of study)**
*fine, visual or performing arts – or 1 additional credit in other CADR subject areas
Note: The UW and WWU specify one half credit in fine, visual or performing arts; the other half may be in the arts or in an academic elective

For the most current information please see [www.wsac.wa.gov](http://www.wsac.wa.gov)
NCAA Requirements and Scholarships

The NCAA Eligibility Center is responsible for establishing a student-athlete’s eligibility for participation in college athletics, and for determining eligibility to receive an athletic scholarship from any Division I or Division II college or university. To be eligible, a student must complete a minimum number of credits and specific classes in areas such as English, Math, Science, and Social Studies.

Because of the complexity of the NCAA Eligibility Center regulations, it is recommended that prospective student-athletes contact a counselor and create a plan that meets the requirements of the NCAA as well as college admissions. Careful planning needs to begin in the early high school years. Typically, the NCAA does not accept distance learning/online classes, including the APEX Learning classes offered online through the NTPS summer school program. [http://www.eligibilitycenter.org](http://www.eligibilitycenter.org).

Community College/Technical College/Career Institute Requirements

These schools are open to everyone. In order to attend, a student needs a diploma, a GED, or be 18 years of age. A placement test is required, and needs to be completed prior to registering for classes.

Students who do not meet all of the four-year college or university admission requirements, may enroll in a community college transfer program, and when completed, transfer to a four-year school.

Apprenticeship Program Requirements

An apprentice is a wage-earning worker who learns a craft or skill through planned, supervised work on the job. Admission requirements vary, depending on the characteristics of the occupation. Generally, a prospective apprentice needs to be age 18, and have a high school diploma. Specific information can be obtained from the Bureau of Apprenticeship Training, US Department of Labor, the Washington Department of Labor and Industries, Apprenticeship section, and the Timberline HS Career Planning Center. [http://www.lni.wa.gov/TradesLicensing/Apprenticeship/Programs/Standards/default.asp](http://www.lni.wa.gov/TradesLicensing/Apprenticeship/Programs/Standards/default.asp)

Entry Level Employment

Students who plan to go to work directly after high school are encouraged to complete a high school program that includes knowledge and skills related to an occupational interest area. The Career Center is available to assist students with resumes and job search skills. Students are encouraged to use the resources available in the Career Center to search for jobs on-line and check for advertised jobs.

Military Program Requirements

All military enlistment programs require the Armed Services Vocational Aptitude Battery (ASVAB) Test, and a high school diploma. The ASVAB is administered twice a year at Timberline. Information is in the Counseling Center.

For Academy and ROTC scholarship applicants, the four-year college/university admission requirements listed in this catalog must be met. Academy applicants must obtain a nomination from a U.S. Congressman in order to be considered for an appointment. Students interested must contact the local military recruiter and take the SAT/ACT in the spring of the Junior (11th) year.
# College Credits Available in High School

The following programs help students acquire useful college-level skills and earn college credit while still in high school. Please see your counselor for more information.

<table>
<thead>
<tr>
<th>Program</th>
<th>Description</th>
<th>Advantages</th>
<th>Student Responsibility</th>
<th>Tuition/Fees</th>
<th>Enrollment Procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Advanced Placement Courses</strong></td>
<td>Many high schools offer courses consistent with the requirements of post-secondary institutions. Students attending these courses may obtain college credit if student achievement is validated by an approved national examination, such as Advanced Placement or International Baccalaureate. Credits awarded through these tests are generally recognized at all accredited post-secondary institutions.</td>
<td>Remain in high school Accelerated class Advanced Placement and/or college credit granted based on test score</td>
<td>Apply for testing</td>
<td>Advanced Placement test fee</td>
<td>Enroll in the selected AP class Take AP test Apply to college</td>
</tr>
<tr>
<td><strong>College in High School</strong></td>
<td>College level courses taught on high school campuses, vocational or skill centers ie. New Market. These courses must be college level, academic in nature, included in the college or university’s catalog, and taught as part of the college or university’s regular curriculum. In most circumstances, students must pay tuition for these courses.</td>
<td>Remain in high school Accelerated class Earn both high school and college credit Reduced cost for college credits</td>
<td>Meet college course standards</td>
<td>Reduced cost for college credit</td>
<td>Register for college credit with current high school teacher UW credits are available in Spanish IV</td>
</tr>
<tr>
<td><strong>Running Start</strong></td>
<td>Allows eleventh and twelfth grade students to take college-level courses, tuition-free, at the state’s 34 community and technical colleges and participating state universities, Eastern Washington, Central Washington and Washington State.</td>
<td>Accelerated class Earn both high school and college credit School district pays tuition</td>
<td>Determine transferability of Running Start college credits Plan carefully to insure credits apply to high school graduation Requirements Must meet application/registration deadlines</td>
<td>Tuition waived; student pays lab fees, books, transportation and parking</td>
<td>Please contact the THS Counseling Office for admission and enrollment</td>
</tr>
</tbody>
</table>
WHAT COURSES ARE TECH PREP AT MY HIGH SCHOOL?

As part of the agreement between South Puget Sound Community College and Timberline High School, credits earned in certain high school technical classes (occupational education) can also be awarded as college credit. Once you have met all of the requirements and registered to receive credit, you will have a college transcript.

Students may use these credits toward an Associate of Technical Arts Degree, as electives in an Associate of Arts Degree (Transfer Degree to 4-year University), or to enter the military at a higher rank. Students may also transfer the credits to other colleges or universities depending upon their transfer policies. Tech Prep credits may be listed on job applications. At Timberline High School the following courses are available for earning college credit:

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Timberline High School</th>
<th>South Puget Sound Community</th>
<th>Career Cluster</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Automotive</td>
<td>2.0</td>
<td>AUTO 111 AUTO 116 AUTO 117</td>
<td>Fuel/Electric</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Auto Brake</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Steering/Suspension</td>
</tr>
<tr>
<td>iApps I or Micros I</td>
<td>.5</td>
<td>B or Better</td>
<td>CIS 108</td>
</tr>
<tr>
<td>iApps II or Micros II</td>
<td>.5</td>
<td>B or Better</td>
<td>CIS 141 CIS 136 CIS 111</td>
</tr>
<tr>
<td>Beginning Automotive &amp; Intermediate</td>
<td>1.0</td>
<td>B or Better</td>
<td>AUTO 100</td>
</tr>
<tr>
<td>Intermediate Automotive</td>
<td></td>
<td>B or Better</td>
<td></td>
</tr>
<tr>
<td>Business English</td>
<td>.5</td>
<td>B or Better</td>
<td>CIS 106</td>
</tr>
<tr>
<td>Business Math I &amp; II</td>
<td>.5</td>
<td>B or Better</td>
<td>BUS 104</td>
</tr>
<tr>
<td>Child Development</td>
<td>.5</td>
<td>B or Better</td>
<td>ECED &amp; 100 ECED &amp; 107</td>
</tr>
<tr>
<td>Introduction to Employment</td>
<td>.5</td>
<td>B or Better</td>
<td>CIS 171</td>
</tr>
<tr>
<td>Introduction to Marketing &amp; Entrepreneurship</td>
<td>1.0</td>
<td>B or Better</td>
<td>BUS 160</td>
</tr>
<tr>
<td>Land Lab</td>
<td>2.0</td>
<td>B or Better</td>
<td>HORT 235</td>
</tr>
<tr>
<td>Work based learning or Info Tech</td>
<td>.5</td>
<td>B or Better</td>
<td>COOP 190</td>
</tr>
</tbody>
</table>

For courses where more than one high school class or semester is required for credit, grade minimums must be met in each individual class or semester.

Updated 10/2014
Registering for Tech Prep

1 Go to http://SERS.techprepwa.org.

2 Click “Students Click Here.”

3 Log in. (For more information about logging in, see “Miscellaneous” below.)

4 To find available classes, click “Register For Classes.” To find all classes, click “Go Search!” To narrow your search, use the drop-down arrows, then click “Go Search!”

5 Checkmark the classes you want.

6 Click the Register button in the top-left navigation menu.

7 Checkmark the teacher who is teaching your class. Note:
   • If an articulation has additional classes from the ones you selected, those classes will be displayed.
   • Any fees you need to pay are displayed above the class and teacher choices.

8 When you’ve made your selections, click “Save & Register.” Alternatively, to change the class you chose, click “Cancel Registration” and repeat the process.

9 To print a confirmation page for you and for the college (if required), click on the printer icon at the top. The confirmation page will tell you if you are required to send a copy to the college, by what date you will need to send it, if you need to send a fee, and where to send the fee.

### Miscellaneous

<table>
<thead>
<tr>
<th>To...</th>
<th>On the Student home page...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create an account</td>
<td>Click “Create An Account.” On the form which appears, the questions with a red dot are required. To see more information, hover your mouse pointer over the blue icon. Be sure to read the information about usernames and passwords. For Career Cluster and Future Plans, provide your best guess. You can change this information later.</td>
</tr>
<tr>
<td>Obtain login information you have forgotten</td>
<td>Enter email address in “Forgot Your Login Field”</td>
</tr>
<tr>
<td>Change your password or update your account</td>
<td>Click “Change Password” or “View/Edit Profile”</td>
</tr>
<tr>
<td>See all the classes and articulations you signed up for, and to see grades and credits earned</td>
<td>Click “View Registration History”</td>
</tr>
</tbody>
</table>
# Course Listings by Department

**APPLIED TECHNOLOGY (CTE)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credit</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning Auto Care</td>
<td>9-12</td>
<td>.5</td>
<td>T</td>
</tr>
<tr>
<td>Int. Auto Care</td>
<td>9-12</td>
<td>.5</td>
<td>T</td>
</tr>
<tr>
<td>Adv. Auto Service Tech</td>
<td>11-12</td>
<td>2.0</td>
<td>T</td>
</tr>
<tr>
<td>Digital Photography</td>
<td>9-12</td>
<td>.5</td>
<td>B</td>
</tr>
<tr>
<td>Int. Digital Photo</td>
<td>10-12</td>
<td>.5</td>
<td>B</td>
</tr>
<tr>
<td>Intro to Broadcasting</td>
<td>10-12</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Video 1</td>
<td>9-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Shopdraw 2</td>
<td>9-12</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Horticulture/ Greenhouse Construction &amp; Design</td>
<td>10-12</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Adv. Horticulture Design/ Land Lab</td>
<td>11-12</td>
<td>2.0</td>
<td>T</td>
</tr>
<tr>
<td>Environmental Science: Life &amp; Earth</td>
<td>10-12</td>
<td>1.0</td>
<td>B</td>
</tr>
<tr>
<td>Electronics</td>
<td>10-12</td>
<td>1.0</td>
<td>B</td>
</tr>
<tr>
<td>Media Arts</td>
<td>10-12</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Biotechnology</td>
<td>10-12</td>
<td>1.0</td>
<td>B</td>
</tr>
<tr>
<td>Intro to Video Game Design</td>
<td>9-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Introduction to Robotics</td>
<td>10-12</td>
<td>1.0</td>
<td>B</td>
</tr>
<tr>
<td>Advanced Robotics</td>
<td>10-12</td>
<td>1.0</td>
<td>B</td>
</tr>
</tbody>
</table>

**BUSINESS, MARKETING, TECHNOLOGY (CTE)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credit</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Essentials 1</td>
<td>9-12</td>
<td>.5</td>
<td>T</td>
</tr>
<tr>
<td>Digital Essentials 2</td>
<td>9-12</td>
<td>.5</td>
<td>B</td>
</tr>
<tr>
<td>Web Page Design &amp; Maintenance</td>
<td>10-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Intro to Employment</td>
<td>10-12</td>
<td>.5</td>
<td>T</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>11-12</td>
<td>1.0</td>
<td>B</td>
</tr>
<tr>
<td>Business English</td>
<td>10-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Law &amp; Justice</td>
<td>10-12</td>
<td>.5</td>
<td>B</td>
</tr>
<tr>
<td>Work Based Learning</td>
<td>11-12</td>
<td>1.0</td>
<td>T</td>
</tr>
<tr>
<td>Intro to Marketing</td>
<td>10-12</td>
<td>1.0</td>
<td>T</td>
</tr>
<tr>
<td>Adv. Marketing</td>
<td>10-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurship/Store Ops</td>
<td>10-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Business Procedures 1/2 (EA)</td>
<td>10-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Project Management</td>
<td>10-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Sports &amp; Entertainment Marketing</td>
<td>10-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Visual Design</td>
<td>10-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Intro to Video Game Design</td>
<td>9-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Cyber Security</td>
<td>10-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Social Media Marketing</td>
<td>10-12</td>
<td>.5</td>
<td></td>
</tr>
</tbody>
</table>

**ENGLISH**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credit</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1/2</td>
<td>9</td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>Honors English 1/2</td>
<td>9</td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>Literary 2, 3, 4</td>
<td>9</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Literary 5</td>
<td>9</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Read/Write 9</td>
<td>9-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Read/Write 10</td>
<td>9-12</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Honors English 3/4</td>
<td>10</td>
<td>1.0</td>
<td>B</td>
</tr>
<tr>
<td>American Literature</td>
<td>9</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Senior English: Composition</td>
<td>11-12</td>
<td>.5</td>
<td>B</td>
</tr>
<tr>
<td>Senior English: Literature</td>
<td>11-12</td>
<td>.5</td>
<td>B</td>
</tr>
<tr>
<td>AP English Language/Composition</td>
<td>11-12</td>
<td>1.0</td>
<td>B</td>
</tr>
<tr>
<td>AP English Literature</td>
<td>12</td>
<td>1.0</td>
<td>B</td>
</tr>
<tr>
<td>Journalism Writing</td>
<td>12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Business English</td>
<td>11-12</td>
<td>1.0</td>
<td>T</td>
</tr>
<tr>
<td>Independent Reading/College Prep</td>
<td>12</td>
<td>0.5</td>
<td></td>
</tr>
</tbody>
</table>

**FAMILY & CONSUMER SCIENCES (CTE)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credit</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Development</td>
<td>9-12</td>
<td>.5</td>
<td>T</td>
</tr>
<tr>
<td>Nutritional Wellness</td>
<td>9-12</td>
<td>.5</td>
<td>T</td>
</tr>
<tr>
<td>Independent Living</td>
<td>11-12</td>
<td>.5</td>
<td>T</td>
</tr>
<tr>
<td>Sports Medicine A &amp; B</td>
<td>11-12</td>
<td>1.0</td>
<td>T</td>
</tr>
<tr>
<td>Adv. Sports Medicine &amp; Personal Training</td>
<td>11-12</td>
<td>1.0</td>
<td>T</td>
</tr>
</tbody>
</table>

**HEALTH & FITNESS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credit</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>10-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>PE 1</td>
<td>9</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>PE 2</td>
<td>9-12</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Fit Squad</td>
<td>9-12</td>
<td>.5</td>
<td></td>
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**MATH**

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### Applied Technology

**Related Activities:** Skills USA and Ford/AAA Auto Skills Contests, which includes a variety of projects for fund raising, leadership contests, community service activities and skill contests.  
Tech Prep: Advanced Auto Service Technology.

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<td>Semester (.5 credit)</td>
</tr>
<tr>
<td><strong>INTERMEDIATE AUTO CARE (INV)</strong></td>
<td>Passing grade in Beg Auto Care or Inst. Permission</td>
<td>10-12</td>
<td>Semester (.5 credit)</td>
</tr>
<tr>
<td><em><em>ADV AUTO SERVICE TECHNOLOGY</em> (INV)</em>*</td>
<td>Int Auto Care “C” or better, or Instructor Permission</td>
<td>11-12</td>
<td>Year-long (2.0 credit)</td>
</tr>
<tr>
<td><strong>DIGITAL PHOTOGRAPHY (INV)</strong></td>
<td>None</td>
<td>9-12</td>
<td>Semester (.5 credit)</td>
</tr>
<tr>
<td><em><em>INTERMEDIATE DIGITAL PHOTOGRAPHY</em> (INV)</em>*</td>
<td>Digital Photography or Instructor Permission</td>
<td>10-12</td>
<td>Semester (.5 credit)</td>
</tr>
<tr>
<td><strong>INTRODUCTION TO BROADCASTING (ENV)</strong></td>
<td>Digital Photo and/or Digital Essentials or Instructor permission</td>
<td>10-12</td>
<td>Year-long (1.0 credit)</td>
</tr>
<tr>
<td><em><em>MEDIA ARTS</em> (ENG)</em>*</td>
<td>Instructor Permission</td>
<td>10-12</td>
<td>Year-long (1.0 credit)</td>
</tr>
</tbody>
</table>
STAGECRAFT 1 (ENV) Grades: 9-12 Credit: Semester (.5 credit each)
Prerequisites: None
Fulfills: Performing Art, CTE or Elective
Students will learn fundamentals of technical theatre. Assignments will be project-based. Theatre technical units include lighting, sound, costume, make-up, props, painting, set building, publicity and design. Students must pass a safety test and work stations before they can handle any tools in the shop, props closet or costume shop. Students will work on all productions at Timberline. They will be assigned a work Crew led by Stagecraft 2 students, and learn lifelong skills.
**Permanent Tech Crew members are required to take this course.

STAGECRAFT 2* (ENV) Grades: 9-12 Credit: Year-long (1.0 credit)
Prerequisites: Stagecraft 1 and Instructor Permission
Fulfills: Performing Art, English, CTE or Elective
Students will further their knowledge of set design, lighting, sound, props and costumes, along with production skills such as publicity, stage management and technical direction. Students will be taught from both a concept and practical view point. Projects that are both meaningful and useful will be emphasized, as well as training for proficiency in passing the International Alliance of Theatrical Stage Employees (IATSE) apprentice test. Students will teach and work with Stagecraft 1 students to build the theatre program and produce all main stage shows.
*May be repeated for additional credit with Instructor permission. **Permanent Tech Crew Members are required to take this course.

ELECTRONICS (SCI) Grades: 10-12 Credit: Year-Long (1.0 credit)
Prerequisites: Grade of ‘C’ or higher in Geometry
Fulfills: Science or CTE or Elective
Electronics is the study of electricity fundamentals and semi-conductor devices with a special emphasis on robotics. This full year course includes extensive lab work involving the construction of electronic circuits and using electronic test equipment such as power supplies and digital meters. There are several engineering projects included in the curriculum with the possibility of entering robotics competitions. The course is taught using standards and competencies from the Washington State framework for Electrical Equipment Installation and Repair Course CIP code 470101. Grading in this course is standards based.

BIOTECHNOLOGY (SCI) Grades: 11-12 Credit: Year-Long (1.0 credit)
Prerequisites: Biology with at least a ‘C’
Fulfills: Science, CTE, or Elective
Students will be engaged in lab preparation, methods, design, and implementation as they study biotechnology techniques in lab. Topics will include solutions, dilutions, PCR, gel electrophoresis, complete DNA analysis, examining proteins and enzymes, use spectrophotometers and concentration assay, and examine application of biotechnology in medicine and DNA technologies. Students will also explore careers in science and reflect on ethical questions associated with scientific advancement. Students must demonstrate good lab safety and technique, maintain a lab journal, and have excellent attendance. Student needs to be capable of working independently as well as with others to achieve the credit for the program.

INTRO TO VIDEO GAME DESIGN (BUV) Grades: 9-12 Credit: Semester (.5 credit)
Prerequisites: Digital Essentials
Fulfills: CTE, Elective, or Art
This course is for anyone who loves gaming and wants to design and build original games from scratch. Students learn how to use popular game-development software to create engaging, interactive games in a variety of styles. After learning about game genres, students learn about all aspects of the game-design process. From there, it’s on to a series of increasingly challenging hands-on projects that teach all the elements of successful game development. This course provides a solid foundation in the essentials of game design.

INTRODUCTION TO ROBOTICS (SCI) Grades: 10-12 Credit: Year-long (1.0 credit)
Prerequisites: Grade of ‘C’ or higher in Algebra
Fulfills: Science or CTE or Elective
This course will introduce students to engineering concepts and technology design through the Lego Mindstorm Robotics system. Students will learn and apply principles of Mechanical Engineering, Software Engineering, Electrical Engineering, Computer Science and Systems Design Engineering. Working in engineering teams, students will use applied math and science along with their newfound technology skills to design, build and program a variety of robots to meet challenging specifications. No prior programming experience is required. Students must receive a passing grade in first semester to continue with the course in second semester.

ADVANCED ROBOTICS (SCI) Grades: 10-12 Credit: Year-long (1.0 credit)
Prerequisites: Grade of ‘C’ or higher in Intro to Robotics or instructor approval.
Fulfills: Science or CTE or Elective
This course will continue learning the engineering concepts presented in Intro to Robotics. These concepts include designing, building, and programming through Lego Mindstorms Robotics, Tetrrix, and First Tech Challenge (FTC). Students will learn and apply principles of Mechanical Engineering, Software Engineering, Electrical Engineering, Computer Science, and System Design Engineering. Basic understanding of Lego Mindstorms parts and programming is a necessary prerequisite as is the ability to work as part of a team to complete tasks. Students will have the opportunity to be part of an FTC robotics team and participate in area competitions.
Digital Essentials 1 (BUV)  
**Grades:** 9-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** CTE or Elective

Digital Essentials 1 is a comprehensive overview of technology skills for the 21st century student. Students will create professional documents, spreadsheets, presentations using Google Docs and Microsoft Office. In addition, students will collaborate using Google Gmail, Docs, Groups, and explore other Web 2.0 tools and services. Students will also create/edit images with a basic graphic editor and be exposed to new emerging technologies. These skills will be applied throughout their four years at Timberline.

Digital Essentials 2 (BUV)  
**Grades:** 9-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** CTE or Elective

Digital Essentials 2 continues to provide document, spreadsheet, and presentation skills using Microsoft Office and Google Docs. Students will also be exposed to other essential technologies such as desktop publishing, video editing, graphic editing, and current technical software/technology trends. Emphasis will be placed on career exploration, values, interest, skill surveys, job acquisition (resumes, applications, cover letters, etc).

Intro to Video Game Design (BUV)  
**Grades:** 9-12  
**Credit:** Semester (.5 credits)  
**Fulfills:** CTE, Elective, or Art

This course is for anyone who loves gaming and wants to design and build original games from scratch. Students learn how to use popular game-development software to create engaging, interactive games in a variety of styles. After learning about game genres, students learn about all aspects of the game-design process. From there, it's on to a series of increasingly challenging hands-on projects that teach all the elements of successful game development. This course provides a solid foundation in the essentials of game design.

Beg Web Page Design & Maintenance (BUV)  
**Grades:** 10-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** CTE, Art, or Elective

Students will learn basic HTML language, specific software, multimedia techniques, and the design process that will build and enhance web sites. Students will then design and update a website of their own, create Smartphone apps, and work with other emerging web technologies.

Adv Web Page Design & App Development (BUV)  
**Grades:** 11-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** CTE, Art, or Elective

Students will continue learning the components of web page design using Dreamweaver and Photoshop along with working with new computer coding languages for web environments. Students will use the MIT App Builder and other leading software to create and develop apps for mobile devices. Students will learn to edit and manipulate graphics for the web using Adobe Photoshop, use and learn the Java/Python programming basics along with use of visual code programming blocks, and create creative apps for use on droid-based phones.
VISUAL DESIGN (BUV)  
**Grades:** 10-12  
**Credit:** Semester (0.5 credit)  
**Fulfills:** CTE, Art, or Elective

This course is recommended for students interested in a career in computers, art, design, or trying something new. Students will create original works of art and commercially viable graphic designs. Student will create two-dimensional graphic designs and three-dimensional products such as logos, poster, page designs, products, and packaging designs. There is a focus on typography, branding, design layout, package design, and graphic design career options. A variety of software applications such as Adobe Photoshop and Illustrator are used as students gain hands on experience in applying their knowledge to real-world situations.

*May be repeated for additional credit with Instructor permission.*

PERSONAL FINANCE (BUV)  
**Grades:** 11-12  
**Credit:** Year-Long (1.0 credits)  
**Fulfills:** CTE, 3rd Year Math, or Elective

This course will help students become financially responsible young adults. Financial Literacy will give students the tools and resources to make wise financial decisions. This course will develop students understanding and skills in money management, budgeting, financial goals, the use of credit, insurance, investments, and basic consumer rights. Students will gain an understanding of the impact of individual choices regarding occupational goals and future earning potential. Topics may include: buying/leasing a vehicle, reconciling a checkbook, budgeting, credit, insurance, taxes, comparison of prices and career investigation. Students will complete class projects/activities and various simulations during the course.

BUSINESS ENGLISH (BUV)  
**Grades:** 10-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** CTE, English or Elective

**Free College Credit Available**

Business English is designed to review the basic English skills (spelling, capitalization, punctuation, number expression) and to refine writing skills, using business letters and memos as the vehicle. This class is designed primarily for those students who expect to enter some area of business—whether as a secretary, supervisor, manager, or proprietor. This course incorporates student email and learning the rules of email etiquette. It is an excellent course for college-bound students and for personal use. Business English students can earn five free college credits from South Puget Sound Community College with an A in this course. This course does not qualify as an NCAA core English course.

LAW AND JUSTICE (BUV)  
**Grades:** 10-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** CTE, Social Studies Elective or Elective

**Free College Credit Available**

Law & Justice is designed to acquaint students with the fundamentals of law in our society. We briefly study the source of the American legal system, how the law affects individuals and society as a whole, and the differences between civil, criminal, and juvenile law. We will learn about the court system and process of appeals, law enforcement, and corrections. Activities include: class discussions regarding legal and ethical issues, analyzing case studies, listening to speakers from all areas of the legal field, mock trials, and watching videos and movies that apply to the topic. Law & Justice students can earn five free college credits for Introduction to Criminal Justice from Grays Harbor College.

PROJECT MANAGEMENT (BUV)  
**Grades:** 10-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** CTE or Elective

Want to throw a party or large event??? This course develops a foundation that supports the planning, scheduling, controlling, resource allocation, and performance measurement activities required for the successful planning of amazing events. Designed to accommodate a group of motivated students willing to accept leadership responsibilities, we will focus on team work and participants will learn how to identify project components, organize them effectively and control the project/event from the earliest steps of implementation through the final steps of a project. Participation in Future Business Leaders of America enhances your experience in this course, so participation is highly encouraged but membership is not required.

*May be repeated for additional credit with Instructor permission.*

WORK-BASED LEARNING* (BUV)  
**Grades:** 11-12  
**Credit:** 180 Hours of work experience = .5 credit  
**Fulfills:** CTE or Elective

Work-Based Learning is work experience only, that transfers knowledge and skill obtained in the classroom. The work experience is designed to assist the student in developing their individual educational and/or career plans. A qualifying class is a course related to the worksite learning experience and student career goals. The qualifying class may be taken concurrently with the work experience or the work experience may be subsequent to the qualifying class. Qualifying classes include Intro to Employment, Accounting, Marketing, Automotive Technology, Microcomputer Applications/iApps and Web Design.

*May be repeated for additional credit.*
This Course will provide learners with principles of data and technology that frame and define cybersecurity. Learners will gain insight into the importance of cybersecurity and the integral role of cybersecurity professionals. The interactive format will provide a dynamic learning experience where users can explore foundational cybersecurity principles, security architecture, risk management, attacks, incidents, and emerging IT and IS technologies. Students can earn an industry-level certificate in cybersecurity after completion of the course.
SOCIAL MEDIA MARKETING (BUV) Grades: 10-12 Credit: Semester (.5 credit) Prerequisites: Digital Essentials I Fulfills: CTE or Elective
Discover the evolution and purpose of Social Media and why it is a disruptive wave of innovation. Learn about how it affects your personal and professional life. Understand the importance of personal branding and how these principles can be applied in the professional world. Understand the history, purpose, anatomy, best practices, current trends, and pros & cons of the top 8 Social Platforms: Facebook, Twitter, Pinterest, Instagram, YouTube, LinkedIn, Google+ and Blogs. Build foundational knowledge and professional skills on these 8 Social Media platforms. Learn how to research, use strategy and tactics, create engaging content, establish a following, & understand legal issues that confront Social Media. Gain a high-level understanding of key marketing principles and strategies. Learn how companies use Social Media for marketing, analytics, customer service and more. Create a marketing campaign for an organization, pitch it, and effectively execute & evaluate it. Understand the future of Social Media for businesses and also how it may impact you personally and professionally.

Family and Consumer Sciences
Related Activities: FCCLA (Future Career Community Leaders of America)

CHILD DEVELOPMENT (HFV) Grades: 9-12 Credit: Semester (.5 credit) Prerequisites: None Fulfills: CTE or Elective Free College Credit Available
This course is designed for students who are interested in a career working with children ages newborn to age 8. The class is based on STARS curriculum dealing with such topics as parenting skills, prenatal development, genetics, infant care, brain development, and early childhood education. Successful completion of this class will provide increased ability in reading and writing component of the HSPE. Students who complete all 10 modules of the STARS curriculum will earn a certificate of completion and may be eligible for college credit at South Puget Sound Community College.

NUTRITIONAL WELLNESS (HFV) Grades: 9-12 Credit: Semester (.5 credit) Prerequisites: None Fulfills: CTE or Elective
Students will gain an understanding of their body’s physical responses towards food. With Obesity on the rise among children and teens alike, the students will learn how food can impact their mental and physical well-being. This class incorporates science based labs once a week using kitchen equipment and skills. This class supports the HSPE science component.

INDEPENDENT LIVING (HFV) Grades: 11-12 Credit: Semester (.5 credit) Prerequisites: None Fulfills: CTE, Elective, or 3rd .5 Math credit with Counselor Approval Only
The course will focus on preparing students for making decisions involving money, nutrition, home management, and consumerism. The students will learn basic skills needed to acquire a job. Successful completion of this class will provide an increased proficiency in reading, writing, problem solving and math computation. This course is a must for college or work bound students who are looking forward to living on their own.

SPORTS MEDICINE A & B (HFV) Grades: 10-12 Credit: Year-Long (1.0 credit) Prerequisites: none Fulfills: Science or CTE
In this course, students will learn the basics of anatomy, physiology, biomechanics, kinesiology, general nutrition, and basic athletic training procedures. Lab sessions cover training room operations (40 hours per semester), taping & wrapping, athletic injury assessment, advanced CPR, use of heat & cold modalities, record keeping, rehabilitation, and time management skills. Also included are job shadow and internship opportunities. Extended hours are required per instructor’s specifications.

ADV SPORTS MEDICINE/ PERSONAL TRAINING (BUV) Grades: 11-12 Credit: Year- Long (1.0 credit) Prerequisites: Sports Medicine A/B or Teacher’s Approval Fulfills: Science or CTE
This course will cover the standards needed to sit for the American Council on Exercise (ACE) Personal Training Exam, an NCAA-Accredited certification. Students will gain versatile experience in behavior change, fitness, and nutrition coaching. Students will also be able to explore options for starting or furthering their career in the fitness industry with a focus on business planning and development.
## English

### LITERACY 2 (ENG)
- **Prerequisites:** Instructor Permission
- **Grades:** 9-12
- **Credit:** Semester (.5 credit)
- **Fulfills:** Elective

This course is a specialized reading program that teaches important skills and strategies needed to be successful in content-area classes. Students will learn to read textbooks and other informational text more effectively, take notes from text and lectures, and apply study strategies. Students will increase reading fluency, vocabulary and comprehension of content area text. Students will be placed in this course based on district screening criteria and specific program placement assessment. This course is a year-long class taken with Literacy 3.

### LITERACY 3 (ENG)
- **Prerequisites:** Instructor Permission
- **Grades:** 9-12
- **Credit:** Semester (.5 credit)
- **Fulfills:** Elective

This course is a specialized reading program that teaches important skills and strategies needed to be successful in content-area classes. Students will learn to read textbooks and other informational text more effectively, take notes from text and lectures, and apply study strategies. Students will increase reading fluency, vocabulary and comprehension of content area text. Students will be placed in this course based on district screening criteria and specific program placement assessment. This course is a year-long class taken with Literacy 2.

### LITERACY 4 (ENG)
- **Prerequisites:** Instructor Permission
- **Grades:** 9-12
- **Credit:** Semester (.5 credit)
- **Fulfills:** Elective

This course is a specialized reading program that teaches important skills and strategies needed to be successful with narrative text. Students will learn to read novels, book excerpts and other narrative text more effectively, take notes from text and participate in collaborative book discussions. Students will increase reading fluency, vocabulary and comprehension of narrative text. Students will be placed in this course based on district screening criteria and specific program placement assessment.

### LITERACY 5 (ENG)
- **Prerequisites:** Instructor Permission
- **Grades:** 9-12
- **Credit:** Year-long (1.0 credit)
- **Fulfills:** Elective

This course is a specialized reading program that teaches important skills and strategies needed to be successful with narrative text. Students will learn to read novels, book excerpts and other narrative text more effectively, take notes from text and participate in collaborative book discussions. Students will increase reading fluency, vocabulary and comprehension of narrative text. Students will be placed in this course based on district screening criteria and specific program placement assessment.

### READ/WRITE 9 (ENG)
- **Prerequisites:** Instructor Permission
- **Grades:** 9
- **Credit:** Year-long (1.0 credit)
- **Fulfills:** Elective or .5 English credit with Counselor Approval Only

Instruction will focus on skills needed to meet Common Core State Standards, including strengthening reading strategies, developing positive reading habits, improving vocabulary, and becoming familiar with process writing. Students will read both fiction and nonfiction and write in the modes of narrative, informative, and argumentative. The course will focus on strengthening skills and strategies assessed on the Washington State assessment for graduation (HSPE).

### READ/WRITE 10 (ENG)
- **Prerequisites:** Instructor Permission
- **Grades:** 10
- **Credit:** Year-long (1.0 credit)
- **Fulfills:** Elective or .5 English credit with Counselor Approval Only

Instruction will focus on skills needed to meet Common Core State Standards, including strengthening reading strategies, developing positive reading habits, improving vocabulary, and becoming familiar with process writing. Students will read both fiction and nonfiction and write in the modes of narrative, informative, and argumentative. The course will focus on strengthening skills and strategies assessed on the Washington State assessment for graduation (HSPE).

### ENGLISH 1/2 (ENG)
- **Prerequisites:** None
- **Grades:** 9
- **Credit:** Year-long (1.0 credit)
- **Fulfills:** English

This course is aligned to the Common Core State Standards and serves as the foundation for all other Language Arts courses at Timberline. A reading and writing course, it provides students with practice in planning, writing and revising multi-paragraph essays; analyzing and interpreting literature; developing critical thinking skills; and building vocabulary. Core literature includes *Of Mice and Men*, *Night*, *Romeo and Juliet*, *To Kill a Mockingbird*, *Fallen Angels* various short stories, short nonfiction, and poetry. Students will also be expected to read choice books throughout the year.
HONORS ENGLISH 1/2 (ENG)  
Prerequisites: Instructor Recommendation  
Grades: 9  
Credit: Year-long (1.0 credit)  
Fulfills: English  
Honors level students pursue the same goals as Freshman Language Studies, moving through the core literature — Night, Of Mice and Men, To Kill a Mockingbird and Romeo and Juliet at a faster rate, and adding more demanding materials. Students will also read a variety of nonfiction, short stories, and poetry throughout the year. Multi-paragraph essays will be longer and more complex than those written in Freshman Language Studies. Students will be introduced to reading, thinking, and writing skills that will be necessary for AP classes. This course is available to any student prepared to engage in the rigors of more demanding instructional expectations.

ENGLISH 3/4 (ENG)  
Prerequisites: English 1/2  
Grades: 10  
Credit: Year-long (1.0 credit)  
Fulfills: English  
This tenth grade Language Arts course will include the study of literature from a variety of noteworthy authors combined with a strong emphasis on analytical reading throughout the year. Students will continue to improve their reading and writing skills, paying particular attention to the writing of on-demand essays, as preparation for the Smarter Balanced Assessment Consortium (SBA). In addition, students will continue to build upon their critical thinking skills and literary analysis writing skills. Required literature may include Animal Farm, Lord of the Flies, a work by Shakespeare, and other books from a choice list, along with a variety of short stories, poetry, and nonfiction.

HONORS ENGLISH 3/4 (ENG)  
Prerequisites: Honors English 1/2 or Instructor Recommendation  
Grades: 10  
Credit: Year-long (1.0 credit)  
Fulfills: English  
This college-prep class prepares students for future Advanced Placement classes, college-level coursework, and the Smarter Balanced Assessment Consortium (SBA). Required literature may include Animal Farm, Lord of the Flies, a title by Shakespeare, Mythology, The Odyssey, Oedipus Rex, Antigone, Fahrenheit 451, and others, including nonfiction and poetry. The pace in Honors 3/4 is faster than in English 3/4, and students will study the literature in greater depth. In addition, students will continue to build upon their reading, writing, and critical thinking skills. This course is available to any student prepared to engage in the rigors of more demanding instructional expectations. This class may require a summer reading assignment; students will receive more information on this in June.

AMERICAN LITERATURE (ENG)  
Prerequisites: Enrolled in 11th (12th Grade accepted)  
Grades: Typically 11 but 12 accepted  
Credit: Year-long (1.0 credit)  
Fulfills: 11th Grade English or Elective  
This course emphasizes analytical reading and writing skills. Students will study texts from a variety of genres and titles as they explore the theme of Identity of Self, which may include: The Crucible, Tonto & Lone Ranger Fistfight in Heaven, The Things They Carried, and choice novels. Writing Focus will include literary analysis and argumentative essays, reflective writing/memoir, and On-Demand writing experiences.

AP ENGLISH LANGUAGE AND COMPOSITION (ENG)  
Prerequisites: Honors English 3/4 or Instructor Recommendation  
Grades: Typically 11  
Credit: Year-long (1.0 credit)  
Fulfills: English or Elective  
Advanced Placement English Language and Composition is a college-level class in which students will learn critical thinking, close reading, and argumentation skills. These skills involve learning to closely examine writing; analyze the arguments present in the writing; recognize the tools writers use to persuade; and express one’s own written arguments in response. These lessons will prepare students to take the AP English exam in the spring. Students will also study major works of American literature, including novels, short stories, essays, poems etc. Please note that this class has a required summer reading assignment — please see the teacher in June in to get the summer assignment.

SENIOR ENGLISH: COMPOSITION (ENG)  
Prerequisites: Enrolled in 12th Grade  
Grades: 12  
Credit: Semester (.5 credit)  
Fulfills: English  
A semester-long course for seniors, designed to build skills in writing. Students will write in a variety of formats, including expository, narrative, and instructive pieces.

SENIOR ENGLISH: LITERATURE (ENG)  
Prerequisites: Enrolled in 12th Grade  
Grades: 12  
Credit: Semester (.5 credit)  
Fulfills: English  
A semester-long course for seniors, designed to develop critical reading skills and foster reading for pleasure. Emphasis on literary analysis, research, and reading for personal fulfillment. This class is appropriate for seniors who wish to attend a four-year university after graduation, as well as seniors who will attend community college or a career-training school.

AP ENGLISH LITERATURE AND COMPOSITION (ENG)  
Prerequisites: AP English Language or Instructor Recommendation and Summer Reading  
Grades: 12  
Credit: Year-long (1.0 credit)  
Fulfills: AP English Language  
This college-level course engages students in the careful reading and critical analysis of poetry, short stories, novels, and plays written from the sixteenth to the twenty-first century. Students will write college-level essays and other pieces to support, analyze, and evaluate what they read. They will also write in various discourses such as the narrative, descriptive, and expository. Titles may include All the Pretty Horses, Their Eyes Were Watching God, Hamlet, Things Fall Apart, Candide, and The Bell Jar. Students are encouraged to take the Advanced Placement English test given by the College Board in May in order to receive credit at the college of their choice. This class may require a summer reading assignment; students will receive more information on this in June.
JOURNALISTIC WRITING* (ENG) Grades: 11-12 Credit: Year-long (1.0 credit)
Prerequisites: Application and Instructor permission Fulfills: English or Elective
This course involves intensive writing for publication in the school newspaper. The class covers all aspects of journalistic writing, including research, interviewing, writing in journalistic style, editing, and writing in teams. Also covered are legal rights and responsibilities of journalistic writers. Students registering for this class must complete the application process for the school newspaper staff.
*May be repeated for additional credit with instructor permission. Also see “Newspaper Production” under Fine Arts/CTE credit.

BUSINESS ENGLISH (BUV) Grades: 10-12 Credit: Semester (.5 credit)
Prerequisites: Digital Essentials/Comm. Tech. Free College Credit Available Fulfills: CTE, English or Elective
Business English is designed to review the basic English skills (spelling, capitalization, punctuation, number expression) and to refine writing skills, using business letters and memos as the vehicle. This class is designed primarily for those students who expect to enter some area of business—whether as a secretary, supervisor, manager, or proprietor. This course incorporates student email and learning the rules of email etiquette. It is an excellent course for college-bound students and for personal use. Business English students can earn five free college credits from South Puget Sound Community College with an A in this course. This course does not qualify as an NCAA core English course.

IND READING/COLLEGE PREP READING* (ENG) Grade: 12 Credit: Semester (.5 credit)
Prerequisites: None Fulfills: English or Elective
This class provides daily reading time for students at all levels. Students will read three to four times a week and have extension lessons and activities two to three times per week. The instructor will conference with each student individually throughout the semester. Students will also reflect and write about their novels weekly. “Independent Reading” students may read novels of their choice. “College Prep Reading” students must read a minimum of 10 books from the College Prep Reading List. College Prep students were required to complete all extension activities at the ‘A’ Level.
Please note that certain selective universities (such as University of Washington) and the NCAA will only accept “College Prep Reading” as an English credit, but not “Independent Reading.” COLLEGE PREP reading counts for college, but students have a much more rigorous course.
*May be repeated for credit with Instructor permission.
**Health & Physical Education**

**HEALTH (HEA)**  
*Grades: 10-12  
*Credit: Semester (.5 credit)  
*Fulfills: Health  

Health is a required course designed to encourage and help young people make choices that promote physical, mental, and social well-being. The course emphasizes acquiring knowledge, skills and attitudes as a means to healthy lifestyles and behaviors. Units of study will include: self-concept, stress management, nutrition, fitness, substance abuse, and sexuality.

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**ALL FRESHMAN ARE REQUIRED TO TAKE PE 1 DURING 1ST SEMESTER AND ONE OF THE OTHER FITNESS COURSES 2ND SEMESTER**

**PE 1 (PED)**  
*Grades: 9  
*Credit: Semester (.5 credit)  
*Fulfills: PE or Elective  

This course is a prerequisite for all other PE classes and is required for all freshmen. In this class, students will gain the foundation skills and knowledge required to be physically active for a lifetime. This course will follow a health-related fitness curriculum based on state and national standards. Each of the health related components of fitness (cardio-respiratory fitness, flexibility, muscular strength, muscular endurance, and body composition) will be presented in a classroom situation 1 day per week. In addition, students will assess their current fitness levels of fitness for each component, set goals and develop a fitness plan. Heart rate monitors will be used and students will participate in a swimming unit.

**AQUATIC FITNESS* (PED)**  
*Grades: 9-12  
*Credit: Semester (.5 credit)  
*Fulfills: PE or Elective  

This course is an aquatic conditioning class for anyone from the beginning swimmer to the competitive swimmer. The objective is to improve overall fitness doing a variety of aquatic activities including lap swimming, aqua-aerobics, aqua-jogging, lifesaving, water polo and diving. Students will develop and polish strokes to improve efficiency, power, and smoothness over greater distances. Students in this class will complete the prerequisite skills for the American Red Cross Lifeguard Training.  
*May be repeated for additional credit with Instructor permission.

**PE 2-LIFELONG FITNESS (PED)**  
*Grades: 9-12  
*Credit: Semester (.5 credit)  
*Fulfills: PE or Elective  

This course is a continuation of PE 1. Students will continue to develop the knowledge, skills and confidence to remain active for a lifetime. They will continue to monitor their own fitness levels. The emphasis will be participation in games, sports and activities that will enhance their fitness levels.  
*May be repeated for additional credit with Instructor permission.

**FIT SQUAD (PED)**  
*Grades: 9-12  
*Credit: Semester (.5 credit)  
*Fulfills: PE or Elective  

Earn PE credit in this unique class that blends peer tutoring, leadership and physical activity. Students will work side by side assisting students with special needs developing a variety of skills to participate in physical activity. The goal of the class is to make physical education a fun place where self-esteem is fostered using the peer mentor model.  
*May be repeated for additional credit with Instructor permission.

**FITNESS WALKING* (PED)**  
*Grades: 9-12  
*Credit: Semester (.5 credit)  
*Fulfills: PE or Elective  

Fitness Walking is an outdoor alternative conditioning class (regardless of weather) designed for students needing a low impact style of fitness training. Students will learn how and why fitness walking will improve their personal fitness level. Students will complete a variety of outdoor walking routes on a daily basis to earn credit.  
*May be repeated for additional credit with Instructor permission.

**AEROBICS & FITNESS* (PED)**  
*Grades: 9-12  
*Credit: Semester (.5 credit)  
*Fulfills: PE or Elective  

This course is a conditioning class for anyone looking to improve their cardiovascular fitness, muscular endurance and flexibility. Students will improve their fitness by doing a variety of activities including but not limited to aerobics, running, spinning, jump rope and stretching activities. Heart rate monitors will be used during class.  
*May be repeated for additional credit with Instructor permission.
MUSCLE TONE AND FLEXIBILITY* (PED)  
**Grades:** 9-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** PE or Elective  
This course will offer a combination of cardio respiratory, flexibility and muscle toning type exercises. Daily routines will involve activities that help build flexibility, muscle tone and coordination. Emphasis will be on strengthening core muscles that are essential to providing support and keeping the body in balance. Specific stretching and controlled breathing techniques will also be included. These activities will improve overall personal health and fitness. Each student will design and teach a muscular endurance routine.  
*May be repeated for additional credit with Instructor permission.

WEIGHT LIFTING AND CONDITIONING* (PED)  
**Grades:** 9-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** PE or Elective  
This course will teach students the major muscle groups and the exercises that will maximize their gain in muscular strength and development. Each student will follow a prescribed program to meet their personal needs. Emphasis of the course is on developing endurance, power, speed, and strength. Students will monitor their own individual progress.  
*May be repeated for additional credit with Instructor permission.

ADV WEIGHT LIFTING* (PED)  
**Grades:** 10-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** PE or Elective  
This course is an advanced weight lifting class with a focus on developing endurance, power, speed and quickness. Emphasis goes from following a prescribed program to developing your own. Expect this course to be more physically demanding than the regular Weight Lifting and Conditioning class.  
*May be repeated for additional credit with Instructor permission.

ZERO HOUR ADV WEIGHT LIFTING* (PED)  
**Grades:** 10-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** PE or Elective  
This course is an advanced weight lifting class with a focus on developing endurance, power, speed and quickness. Emphasis goes from following a prescribed program to developing your own. Expect this course to be more physically demanding than the regular Weight Lifting and Conditioning class.  
*Students are responsible for their own transportation.  
*May be repeated for additional credit with Instructor permission.

LIFEGUARDING (PED)  
**Grades:** 9-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** PE or Elective  
This course will give the opportunity to obtain an American Red Cross Lifeguard certification. Students will learn CPR, AED, and First Aid for the professional rescuer. Students will be both in the water practicing water rescue skills as well as rescue skills on land. Students will have to complete worksheets, pass 2 multiple choice tests, and complete final skill scenarios for certification. Upon successful completion of this course, students will receive an American Red Cross Lifeguard Certification that is good for 2 years.  
*May be repeated for additional credit with Instructor permission.

ENDUROBURN* (PED)  
**Grades:** 9-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** PE or Elective  
This course is a conditioning class for anyone looking to improve their muscular endurance, muscular strength, and flexibility. Enduroburn gives students the opportunity to use free weights, bands and medicine balls to strengthen their entire body. This workout challenges major muscle groups by using individualized weights and doing high repetitions. This fast paced workout using motivating music helps take muscles to exhaustion and fatigue. Bosu balls will be incorporated in most lifts and exercises for additional core strength training.  
*May be repeated for additional credit with Instructor permission.

CARDIO-ENDURANCE (SPINNING BIKES/ROW MACHINES) (PED)  
**Grades:** 9-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** PE or Elective  
This course is a conditioning class for anyone looking to improve their cardio respiratory fitness, muscular endurance, and speed. Spinning is an aerobic exercise that takes place on specially designed stationary bicycles. During class, students will vary pace and intensity by speeding up and slowing down their pedal speed and adjusting the tension on the bike. Students will monitor their heart rate and work in their target heart rate zone while spinning.  
*May be repeated for additional credit with Instructor permission.
PRE ALGEBRA (MAT)  
Prerequisites: Instructor Recommendation  
Grades: 9-12  
Credit: Year-long (1.0 credit)  
Fulfills: Elective  
Pre-Algebra is a course designed to accelerate mathematics learning for students who are not yet prepared for the rigors of Algebra I. Topics of study include: language of algebra, integers, addition and subtraction equations, multiplication and division equations, proportional reasoning and probability, functions and graphs, linear equations, powers and roots, and polynomials. Students who successfully complete their course study in Pre-Algebra will be adequately prepared to study Algebra 1.

ALGEBRA 1 BLOCK (MAT)  
Prerequisites: Instructor Recommendation  
Grades: 9-12  
Credit: Year-long (2.0 credit)  
Fulfills: Math  
This is a two period block class which covers the first full year of algebra. Students will earn one credit for Algebra and one elective credit upon successful completion of the course. The extra hour provided by this course will be used to enhance students understanding through alternate teaching strategies and the use of technology. Specific attention will be paid to the following: writing and evaluating algebraic expressions, properties of real numbers, graphing linear functions in a variety of forms, writing and solving multi-step functions, linear inequalities, systems of equations, and other non-linear models including exponential and polynomial functions. Students will also use mathematical modeling to explore problem situations.

ALGEBRA 1 (MAT)  
Prerequisites: Instructor Recommendation  
Grades: 9-12  
Credit: Year-long (1.0 credit)  
Fulfills: Math  
This course will provide students with the foundational concepts of Algebra. Specific attention will be paid to the following: writing and evaluating algebraic expressions, properties of real numbers, graphing linear functions in a variety of forms, writing and solving multi-step functions, linear inequalities, systems of equations, and other non-linear models including exponential and polynomial functions. Students will also use mathematical modeling to explore problem situations.

ALGEBRA 1 SUPPORT (MAT)  
Prerequisites: Instructor Recommendation  
Grades: 9-12  
Credit: Year-long (1.0 credit)  
Fulfills: Elective  
This is a one period class which provides additional support for the first Year-long of algebra. The extra hour provided by this course will be used to enhance students’ understanding through alternate teaching strategies and the use of technology. Specific attention will be paid to the following: writing and evaluating algebraic expressions, properties of real numbers, graphing linear functions in a variety of forms, writing and solving multi-step functions, linear inequalities, systems of equations, and other non-linear models including exponential and polynomial functions. Students will also use mathematical modeling to explore problem situations.

GEOMETRY (MAT)  
Prerequisites: ‘C’ grade or better in Algebra 1 or better in Extended Algebra 1 Block  
Grades: 9-12  
Credit: Year-long (1.0 credit)  
Fulfills: Math  
This course will help students understand the properties of polygons and circles, area, surface area and volume, transformations and symmetry, coordinate geometry, and the Pythagorean Theorem while developing their skills of reasoning and proof. Students will also be introduced to trigonometric functions and use mathematical modeling to explore situations involving spatial reasoning.

GEOMETRY SUPPORT (MAT)  
Prerequisites: Instructor Recommendation  
Grades: 9-12  
Credit: Year-long (1.0 credit)  
Fulfills: Elective  
This is a one period class which provides additional support for the first Year-long of geometry. The extra hour provided by this course will be used to enhance students’ understanding through alternate teaching strategies and the use of technology. Specific attention will be paid to the following: understanding the properties of polygons and circles, area, surface area and volume, transformations and symmetry, coordinate geometry, and the Pythagorean Theorem while developing their skills of reasoning and proof. Students will also be introduced to trigonometric functions and use mathematical modeling to explore situations involving spatial reasoning.

PROBABILITY and STATISTICS (MAT)  
Prerequisites: Completion of Algebra 2  
Grades: 11-12  
Credit: Year-long (1.0 credit)  
Fulfills: Math or Elective  
Probability and Statistics is an introductory course into the world of Statistics. Topics covered include interpreting Categorical & Quantitative Data, Modeling Distributions of Data, Describing Relationships between Variables, Study Design, Probability, Sampling Distributions, & Population Proportions and Means. A TI-83 or higher calculator is necessary for this class.

ALGEBRA 2 (MAT)  
Prerequisites: ‘C’ grade or better in Geometry  
Grades: 9-12  
Credit: Year-long (1.0 credit)  
Fulfills: Math or Elective  
This course will continue to develop students understanding of functions and algebraic sense. Students will continue their algebra I study with an in-depth inquiry of systems of equations, quadratics, polynomial and radical functions, including complex solutions, while learning function notation. In addition, students will study other non-linear functions including: exponential and logarithmic. Students will also study advanced techniques of statistical analysis.
ADVANCED ALGEBRA 2 (MAT)
Grades: 9-12
Credit: Year-long (1.0 credit)
Fulfills: Math or Elective
Prerequisites: ‘B’ grade or better in Geometry and
Teacher Recommendation
This course will cover the same skills and content as Algebra 2 as well as the additional content outlined in the common core state standards. This includes content that students should learn in order to take advanced courses such as Pre-Calculus, Calculus, Advanced Mathematical Reasoning, etc.

PRE-CALCULUS (MAT)
Grades: 10-12
Credit: Year-long (1.0 credit)
Fulfills: Math or Elective
Prerequisites: ‘B’ grade or better in Algebra 2
The study of polynomial, rational, exponential, logarithmic and trigonometric functions as well as parametric equations and discrete algebra will form the basis on which to build the study of Calculus. A TI-83 graphing calculator (or equivalent) is required for this course.

BRIDGE TO COLLEGE MATHEMATICS (MAT)
Grades: 11-12
Credit: Year-long (1.0 credit)
Fulfills: Math or Elective
Prerequisites: Completion of Algebra 2
Bridge to College Mathematics is a year-long course focusing on the key mathematics readiness standards from Washington State’s K-12 Learning Standards for Mathematics (the Common Core State Standards, CCSS-M) as well as the eight Standards for Mathematical Practices. The course is designed to prepare students for entrance into non-calculus pathway introductory college level mathematics courses. The course addresses key learning standards for high school including Algebra 1, Statistics, Geometry, and Algebra 2 standards essential for college and career readiness.

ADVANCED PLACEMENT STATISTICS (MAT)
Grades: 11-12
Credit: Year-long (1.0 credit)
Fulfills: Math or Elective
Prerequisites: ‘B’ grade or better in Algebra 2 or have passed Pre-Calculus
Students in this course will cover all topics needed to take the College Board AP Statistics Exam in May. These include: Exploring Data, Sampling & Experimentation, Anticipating Patterns, and Statistical Inference. A TI-83 or higher calculator is required for this course.

ADVANCED PLACEMENT CALCULUS AB (MAT)
Grades: 11-12
Credit: Year-long (1.0 credit)
Fulfills: Math or Elective
Prerequisites: ‘B’ grade or better in Pre-Calculus
This is a Year-long course that covers differential and integral calculus, including a review of Analytic Geometry. Study topics will include tangent lines, areas between curves, solids of revolution, limits, L'Hopital’s rule, and the Mean Value Theorem. A TI-84, TI-Nspire CAS, or equivalent graphing calculator is required for this course.

ADVANCED PLACEMENT CALCULUS BC (MAT)
Grades: 11-12
Credit: Year-long (1.0 credit)
Fulfills: Math or Elective
Prerequisites: ‘B’ grade or better in AP Calculus AB
This is a full year course that continues the study of differential and integral calculus. Study topics include: Techniques and applications of derivatives and integrals, differential equations, slope fields, Euler’s Method, vectors, power series, and Taylor & Maclaurin Series. A TI-84, TI-Nspire CAS, or equivalent graphing calculator is required for this course.

PERSONAL FINANCE (BV)
Grades: 11-12
Credit: Year-Long (1.0 credits)
Fulfills: CTE, Elective or 3rd .5 Math credit (with Counselor approval)
Prerequisites: None
This course will help students become financially responsible young adults. Financial Literacy will give students the tools and resources to make wise financial decisions. This course will develop students understanding and skills in money management, budgeting, financial goals, the use of credit, insurance, investments, and basic consumer rights. Students will gain an understanding of the impact of individual choices regarding occupational goals and future earning potential. Topics may include: buying/leasing a vehicle, reconciling a checkbook, budgeting, credit, insurance, taxes, comparison of prices and career investigation. Students will complete class projects/activities and various simulations during the course.

INDEPENDENT LIVING (HVF)
Grades: 11-12
Credit: Semester (.5 credit)
Fulfills: CTE, Elective, or 3rd .5 Math credit (with Counselor approval)
Prerequisites: None
The course will focus on preparing students for making decisions involving money, nutrition, home management, and sewing skills. The students will also learn basic skills needed to acquire a job and to develop and maintain a successful relationship. Successful completion of this class will provide an increased proficiency in reading, writing, and problem solving. This course is a must for college or work bound students who are looking forward to living on their own.
INTERMEDIATE AUTO CARE (INV)  
Grades: 10-12  
Credit: Semester (.5 credit)  
Prerequisites: Passing grade in Beginning Auto Care  
Fulfills: CTE, Elective, or 3rd .5 Math credit (with Counselor approval)

After building a foundation of knowledge in Beginning Auto Care, the Intermediate Auto Care students will explore in greater depth, the automobile’s components, systems, and principles of operation. This will include engine performance, engine design and construction, the ignition system, brakes, and the starting and charging system. Investigation of opportunities for employment in the automotive industry is included. Students must pass Beginning Auto Care and pass the Safety and Pollution Prevention (SP2) training at 80% or better to participate in this class. Participation in the Skills USA Auto Club is encouraged.  
*Must be combined with INV 155 to earn math credit

ADVANCED AUTO SERVICE TECHNOLOGY* (INV)  
Grades: 11-12  
Credit: Year-long (2.0 credit)  
Prerequisites: Intermediate Auto Care “C” or better, or Instructor Permission  
Fulfills: CTE, Elective, or 3rd .5 Math credit (with Counselor approval)

5 Free College Credit Available  
This course is designed to accommodate a select group of highly interested, motivated students willing to accept leadership responsibilities. All aspects of the vehicle will be explored and instruction will focus on team work and directed for development of mastery in the profession and related skills of the automotive technician. Students must pass Beginning and Intermediate Auto to enter this class and your grade will be a factor. Students must pass the Safety and Pollution Prevention (SP2) training to participate in this class. Participation in the Skills USA Auto Club is an integral part of this course, so participation is highly encouraged.  
*May be repeated for additional credit with Instructor permission
Science

NOTE: Only those courses listed on Page 9, “Repeating a Course for Additional Credit”, may be repeated.
Related Activities: Science Club, Outdoor Club, and Academic Decathlon.

College Bound Students: Strongly recommend minimum 3 years of Science including: Biology, Chemistry and Physics

BIOLOGY (SCI)

Prerequisites: Algebra 1 and Teacher Recommendation or Integrated Science

Biology is a laboratory science that examines living organisms and their relationships to each other and the environment. This is an inquiry-based course that emphasizes students synthesizing big ideas, developing models, problem-solving, and critical thinking. Students actively engage in science and engineering practices and apply crosscutting concepts to deepen their understanding of the core life science concepts. This course is aligned with the Next Generation Science Standards and prepares students for the State science assessment and college readiness.

ADVANCED PLACEMENT BIOLOGY (SCI)

Prerequisites: Algebra 1 concurrent enrollment

This is a second year biology course designed to be the equivalent of a first year college biology course. Extensive laboratory work and reading are utilized. The course will use college materials including textbooks, lab book, activities, and other ancillary materials. The work will culminate with the AP Exam in early May, which can earn either college credit or a course waiver depending on the college the student attends.

HORTICULTURE/GREENHOUSE (AGV)

Prerequisites: 3rd Science

Horticulture with Greenhouse design and operation focuses on the scientific principles related to the cultivation of garden and ornamental plants, including fruits, vegetables, flowers, and other landscape and nursery crops. Emphasis is on the instruction in plant production and use with culinary kitchens for nutrition and healthy options for life. Included is structure and design of greenhouse operation with daily maintenance of facilities, grounds, gardens and plant production. Emphasis is placed on the critical thinking skills required in the laboratory as scientific applications are applied to real life needs in gardening. Student responsibilities include operation and maintenance of equipment necessary for greenhouse production as well as cooking and preparation of harvested plants from horticulture gardens.

ADV HORTICULTURE/LAND LAB (AGV)

Prerequisites: Teacher/Counselor Recommendation

Free College Credit Available

This course prepares students in many aspects of the horticulture industry, including careers in commercial plant production, care and handling of plants, equipment maintenance and operation, greenhouse and field production, outdoor nursery management along with community partnerships with food to the needy through organic gardening. Land Lab presents the fundamentals for science-based instruction in agriculture. Emphasis is placed on the critical thinking skills required in the laboratory as scientific applications are applied to real life needs in gardening. The creative component includes drafting/drawing and using instruments necessary to prepare professional building and landscape designs. Students will be given opportunities in business applications and leadership activities building relationships with community partners in Horticulture that may lead to career and educational experiences.

ENVIRONMENTAL SCIENCE: LIFE & EARTH (SCI)

Prerequisites: 1yr of Science with Teacher/ Counselor Rec.

This course will combine classroom and laboratory field work to explore and study the following areas: Marine resources, range environments, wildlife habitats, urban landscape, animal science, agriculture, fresh water resources, forest environments, vocational forestry, water quality, and environmental decisions. The intent of this course is to fulfill your 2nd year Biology Life Science requirements.

CHEMISTRY (SCI)

Prerequisites: Successful completion of Biology and Algebra 1

The students in this lab-based course will examine the interrelationships of matter and energy in their everyday environment. Emphasis is placed on developing strong critical thinking and problem solving skills. Topics will include combustion, energy in the earth system, chemical properties of elements and compounds, the chemistry of climate change, and ocean acidification. This course is aligned with the Next Generation Science Standards and prepares students for the State science assessment and college readiness.

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Grades: 9-10 Credit: Year-long (1.0 credit)
Fulfills: Science or Elective

Grades: 10-12 Credit: Year-long (1.0 credit)
Fulfills: Science or Elective

Grades: 10-12 Credit: Year-long (1.0 credit)
Fulfills: Science or Elective

Grades: 10-12 Credit: Year-long (2.0 credits)
Fulfills: Science, CTE or Elective

Grades: 9-12 Credit: Year-long (1.0 credit)
Fulfills: Science, CTE or Elective

Grades: 10-12 Credit: Year-long (1.0 credit)
Fulfills: Science, CTE or Elective

Grades: 10-12 Credit: Year-long (1.0 credit)
Fulfills: Science or Elective

Grades: 10-12 Credit: Year-long (1.0 credit)
Fulfills: Science or Elective
### ADVANCED PLACEMENT CHEMISTRY (SCI)
- **Prerequisites:** Bio w/ 'B' or better, concurrent enrollment in Pre-Calculus or higher math equiv. or Chem w/ 'B' or better.
- **Grades:** 10-12
- **Credit:** Year-long (1.0 credit)
- **Fulfills:** Science, Elective

This course is designed to be a second year chemistry course designed to be the equivalent of the first year college chemistry course. The course will use college materials including textbooks, lab books and activities, and other ancillary materials. The pace will be 2-3 times faster than a second year chemistry course designed to be the equivalent of the first year college chemistry course. Students should expect a minimum of 3-5 hours of homework a week. The work will culminate with the AP Exam in early May which can earn either college credit or a course waiver depending on the college the student attends. **First year chemistry students must meet the prerequisites stated above and have instructor permission.**

### PHYSICS (SCI)
- **Prerequisites:** Grade of 'B' or better in Algebra 2 or Chemistry
- **Grades:** 10-12
- **Credit:** Year-long (1.0 credit)
- **Fulfills:** Science or Elective

Physics is an upper level science course designed to prepare students entering a 4-year university or college. Grading in this course is standards based. Physics will improve your understanding of the physical world and improve your skills at problem solving. Physics students will conduct experiments to test ideas. Emphasis will be on topics in kinematics, dynamics, energy, waves, optics and nuclear physics. Working in engineering teams, students will explore engineering concepts and technology design through the Lego Mindstorm Robotics system during labs.

### ADVANCED PLACEMENT PHYSICS I (SCI)
- **Prerequisites:** Grade of 'B' or better in Algebra 2 or higher math class
- **Grades:** 10-12
- **Credit:** Year-long (1.0 credit)
- **Fulfills:** Science or Elective

AP Physics 1 is designed to be the equivalent of one semester of a first year college physics course. The course will use college materials including textbooks, lab books and activities, and other ancillary materials. The pace will be 2-3 times faster than Physics. Students should expect a minimum of 3-5 hours of homework a week. The work will culminate with the AP Exam in early May which can earn either college credit or a course waiver depending on the college the student attends. Grading in this course is standards based.

### ASTRONOMY (SCI)
- **Prerequisites:** None
- **Grades:** 10-12
- **Credit:** Semester (.5 credit)
- **Fulfills:** Science or Elective

This course provides students with the opportunity to learn about the universe, galaxies and our solar system using web 2.0 resources. Explore the phenomena of the evolution of celestial bodies and their appearances from Earth through interactive online experiences.

### BIOTECHNOLOGY (SCI)
- **Prerequisites:** Biology with at least a 'C'
- **Grades:** 10-12
- **Credit:** Year-long (1.0 credit)
- **Fulfills:** Science, CTE, or Elective

Students will be engaged in lab preparation, methods, design, and implementation as they study biotechnology techniques in lab. Topics will include solutions, dilutions, PCR, gel electrophoresis, complete DNA analysis, examining proteins and enzymes, use spectrophotometers and concentration assays, and examine application of biotechnology in medicine and DNA technologies. Students will also explore careers in science and reflect on ethical questions associated with scientific advancement. Students must demonstrate good lab safety and technique, maintain a lab journal, and have excellent attendance. Student needs to be capable of working independently as well as with others to achieve the credit for the program.

### ELECTRONICS (SCI)
- **Prerequisites:** Grade of 'C' or higher in Geometry
- **Grades:** 10-12
- **Credit:** Year-long (1.0 credit)
- **Fulfills:** Science or CTE or Elective

Electronics is the study of electricity fundamentals and semi-conductor devices with a special emphasis on engineering projects. This full year course includes extensive lab work involving the construction of electronic circuits and using electronic test equipment such as power supplies and digital meters. There are several engineering projects included in the curriculum with the possibility of entering engineering competitions. The course is taught using standards and competencies from the Washington State framework for Electrical Equipment Installation and Repair Course CIP code 470101. Grading in this course is standards based. Students must receive a passing grade in first semester to continue with the course in second semester.

### GEOLOGY (SCI)
- **Prerequisites:** None
- **Grades:** 10-12
- **Credit:** Semester (.5 credit)
- **Fulfills:** Science or Elective

This course provides students with the opportunity to learn about the history of Earth’s formation and the processes that form our planet. Using Web 2.0 resources they will do interactive labs on computers and hands on labs in the classroom.

### HUMAN ANATOMY (SCI)
- **Prerequisites:** Grade of 'C' or better in Biology
- **Grades:** 10-12
- **Credit:** Semester (.5 credit)
- **Fulfills:** Science or Elective

This course is a systematic approach to anatomy of the human body. Study is concentrated on the structure and function of the various body systems. Students will participate in lab work that may include the dissection of organisms to examine structure and function. The class may also include speakers from the local professional health care community. This course is a practical class for students considering a health science career.
INTRODUCTION TO ROBOTICS (SCI)  
**Grades:** 10-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Science or CTE or Elective  
This course will introduce students to engineering concepts and technology design through the Lego Mindstorm Robotics system. Students will learn and apply principles of Mechanical Engineering, Software Engineering, Electrical Engineering, Computer Science and Systems Design Engineering. Working in engineering teams, students will use applied math and science along with their newfound technology skills to design, build and program a variety of robots to meet challenging specifications. No prior programming experience is required. Students must receive a passing grade in first semester to continue with the course in second semester.

ADVANCED ROBOTICS (SCI)  
**Grades:** 10-12  
**Credit:** Year-long (1.0 credit)  
**Prerequisites:** Grade of ‘C’ or higher in Intro to Robotics or instructor approval.  
**Fulfills:** Science or CTE or Elective  
This course will continue learning the engineering concepts presented in Intro to Robotics. These concepts include designing, building, and programming through Lego Mindstorms Robotics, Tetrix, and First Tech Challenge (FTC). Students will learn and apply principles of Mechanical Engineering, Software Engineering, Electrical Engineering, Computer Science, and System Design Engineering. Basic understanding of Lego Mindstorms parts and programming is a necessary prerequisite as is the ability to work as part of a team to complete tasks. Students will have the opportunity to be part of an FTC robotics team and participate in area competitions.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE (SCI)  
**Grades:** 10-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Science or CTE  
The AP Environmental Science (APES) course is designed to be the equivalent of a one-semester introductory environmental science college course. APES covers the interdisciplinary scientific ideas required to understand the natural world, natural and human-made environmental problems, risks and solutions. The course will use college materials including textbooks, labs, activities, and other supporting materials. Students should expect 2-3 hours of homework a week. The work will culminate with the AP Exam in early May which can earn either college credit or a course waiver depending on the college the student attends. For more information watch https://www.youtube.com/watch?v=kBOjA7jsqMw.

SPORTS MEDICINE A & B (HFV)  
**Grades:** 10-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Science or CTE  
In this course, students will learn the basics of anatomy, physiology, biomechanics, kinesiology, general nutrition, and basic athletic training procedures. Lab sessions cover training room operations (40 hours per semester), taping & wrapping, athletic injury assessment, advanced CPR, use of heat & cold modalities, record keeping, rehabilitation, and time management skills. Also included are job shadow and internship opportunities. Extended hours are required per instructor’s specifications.

ADV SPORTS MEDICINE/PERSONAL TRAINING (BUV)  
**Grades:** 11-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Science or CTE  
This course will cover the standards needed to sit for the American Council on Exercise (ACE) Personal Training Exam, an NCAA-Accredited certification. Students will gain versatile experience in behavior change, fitness, and nutrition coaching. Students will also be able to explore options for starting or furthering their career in the fitness industry with a focus on business planning and development.
Social Studies

**NOTE:** Only those courses listed on page 9, “Repeating a Course for Additional Credit”, may be repeated. Related Activities: Political Science Club, Academic Decathlon, community service, political action groups of choice, YMCA Mock Trial Day and History Day contest.

<table>
<thead>
<tr>
<th>Course</th>
<th>Grades</th>
<th>Credit</th>
<th>Fulfills</th>
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<tbody>
<tr>
<td><strong>WORLD STUDIES 1 (SOC)</strong></td>
<td>9</td>
<td>Semester (.5 credit)</td>
<td>World Studies I</td>
</tr>
<tr>
<td>Prerequisites: None</td>
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<tr>
<td>Students will study Global Expansion &amp; Encounter and the Age of Revolution from 1450-1800, focusing on development and impact of science &amp; technology, economics and demographics. Research skills will be developed through case studies in Western Europe and Latin America. Various modes of instruction will include role-playing, seminars, and debates.</td>
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<tr>
<td><strong>HONORS WORLD STUDIES 1 (SOC)</strong></td>
<td>9</td>
<td>Semester (.5 credit)</td>
<td>World Studies I</td>
</tr>
<tr>
<td>Prerequisites: Instructor Recommendation</td>
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<tr>
<td>Students will study the development and interaction of world civilization from the earliest societies to the eve of the rise of Islamic civilization (600 CE). The course is organized by periodization and theme. Particular attention is paid to contacts among societies that form the core of world history as a field of study. This course is designed to prepare students for future Advanced Placement courses, with emphasis on document analysis, argumentation, and critical writing.</td>
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<tr>
<td><strong>WORLD STUDIES 2 (SOC)</strong></td>
<td>10</td>
<td>Semester (.5 credit)</td>
<td>World Studies 2</td>
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<tr>
<td>Prerequisites: None</td>
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<td>Students will study the Age of Revolutions, causes and consequences of World War I and World War II, challenges to democracy, and human rights from 1750-1920. The themes of power and revolution and human rights will be discussed through case studies in Russia, Eastern Europe, and Asia, with emphasis on development of critical thinking skills. Various modes of instruction will include role-playing, seminars, and debates.</td>
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<tr>
<td><strong>WORLD STUDIES 3 (SOC)</strong></td>
<td>10</td>
<td>Semester (.5 credit)</td>
<td>World Studies 3</td>
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<tr>
<td>Prerequisites: None</td>
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<tr>
<td>Students will study consequences of World War II, challenges to democracy, human rights, and the emergence of New Nations from 1920 to present. Themes of conflict, nationalism and imperialism will be examined in case studies of the Middle East and Africa, with an emphasis on interpersonal and group process skills. Various modes of instruction will include role-playing, seminars, and debates. Course culminates with all students participating in a Model United Nations.</td>
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<tr>
<td><strong>ADVANCED PLACEMENT WORLD HISTORY (SOC)</strong></td>
<td>10-12</td>
<td>Year-long (1.0 credit)</td>
<td>World Studies 2 and 3 or Elective</td>
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<tr>
<td>Prerequisites: None</td>
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<tr>
<td>This course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. Focused primarily on the past 1,400 years of the global experience, the course builds on an understanding of world history prior to 600 C.E. The course is organized by periodization and theme. Particular attention is paid to contacts among societies that form the core of world history as a field of study. Students may elect to take the Educational Testing Service Advanced Placement World History exam in May in order to receive college credit at the college of their choice.</td>
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<tr>
<td><strong>US HISTORY 1 and 2 (SOC)</strong></td>
<td>11</td>
<td>Year-long (1.0 credit)</td>
<td>US History</td>
</tr>
<tr>
<td>Prerequisites: None</td>
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<td>This required class will begin with a brief review of exploration, American Revolution, a new nation emerging, the events leading to the civil war, and reconstruction. Students will analyze and interpret historical events, cultures, ideas and developments that have shaped the United States from the late 1800s to the present day. The content will include the following themes: industrialism, the frontier, imperialism, the influx of immigrants in the late 1800s and early 1900s, reform movements, World War I, World War II, the Great Depression, and the post World War II era to the present. Classes will also incorporate literature, art, music and traditions into these periods of United States History. Instruction will include an interactive curriculum including History Alive simulations and a culminating History Day project.</td>
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<tr>
<td><strong>ADVANCED PLACEMENT US HISTORY (SOC)</strong></td>
<td>11</td>
<td>Year-long (1.0 credit)</td>
<td>US History or Elective</td>
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<tr>
<td>Prerequisites: None</td>
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<tr>
<td>Advanced Placement US History is a college level US history survey course. Students will study the entire story of America in detail using secondary sources, primary documents, and research methods. They will produce historical essays and papers. Some students may elect to take the Advanced Placement American History test given by the Educational Testing Service in May in order to receive college or university credit at the school of their choice.</td>
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CIVICS (SOC)
Prerequisites: None
Grades: 12
Credit: Semester (.5 credit)
Fulfills: Civics
This required course is an introduction to United States government, international relations and basic economic concepts. Students will be required to participate in civic activities, and examine current events through different media sources. Research skills will be required to investigate and interpret basic democratic principles. Instruction will include government simulations and interactive instruction.

ADVANCED PLACEMENT US GOVERNMENT (SOC)
Prerequisites: None
Grades: 12
Credit: Year-long (1.0 credit)
Fulfills: Civics or Elective
This course provides students with a comprehensive understanding of the operation of the government of the United States. To accomplish this, students develop analytic perspectives for interpreting, understanding and explaining political events. The subjects covered include constitutional arrangements, policymaking institutions such as the legislature, the executive, the bureaucracy, and the courts; public opinion and the media; political participation and voting behavior; political parties, interest groups, civil liberties and rights; and budget making. Students may elect to take the Advanced Placement Government test given by the Educational Testing Service in May in order to receive college or university credit at the school of their choice.

PSYCHOLOGY (SOC)
Prerequisites: None
Grades: 11-12
Credit: Semester(.5 credit)
Fulfills: World Studies 1, 2, 3 or Elective
Psychology is the study of the individual and why one behaves the way one does. Areas of study include understanding personality, biological influences on behavior, disturbances, and the treatment of emotional disorders.

AP PSYCHOLOGY (SOC)
Prerequisites: None
Grades: 11-12
Credit: Year-long (1.0 credit)
Fulfills: World Studies 1, 2, 3 or Elective
The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. The successful completion of this course and the Advanced Placement Psychology test may result in college credit. This course is designed for juniors and seniors.

SOCIOLOGY (SOC)
Prerequisites: None
Grades: 11-12
Credit: Semester(.5 credit)
Fulfills: World Studies 1, 2, 3 or Elective
We all live in social groups. The United States is one social group and each of us belong to many others. Sociology is the study of groups, of interactions within and among groups. Whereas psychology is the study of human behavior, sociology is the study of how groups behave, what makes up a group and how do individuals behave within groups. Within sociology we look at the different perspectives such as symbolic interactionism, functionalism and conflict theory. The units of study include: culture, socialization, inequalities (race, gender, sex, socioeconomic), leadership and deviance. We examine social phenomena in a variety of ways including media, both social and other.

CONTEMPORARY WORLD ISSUES (SOC)
Prerequisites: None
Grades: 11-12
Credit: Semester(.5 credit)
Fulfills: World Studies 1, 2, 3 or .5 of AP World or Elective
This course is a survey of current, national and international issues developing during the current year. Course units will include world views, human rights, poverty, international relations, and media analysis.

YOUTH LEGISLATURE (SOC)
Prerequisites: Instructor permission
Grades: 11-12
Credit: Semester(.5 credit)
Fulfills: Elective
This is an independent study class taught through the YMCA. A fee is required. Students will attend a mock legislature in the Capital. Interested students need to contact the Social Studies Department Program Leader.

LAW AND JUSTICE (BUV)
Prerequisites: Digital Essentials
Grades: 10-12
Credit: Semester (.5 credit)
Fulfills: CTE, Social Studies Elective or Elective
Free College Credit Available
Law & Justice is designed to acquaint students with the fundamentals of law in our society. We briefly study the source of the American legal system, how the law affects individuals and society as a whole, and the differences between civil, criminal, and juvenile law. We will learn about the court system and process of appeals, law enforcement, and corrections. Activities include: class discussions regarding legal and ethical issues, analyzing case studies, listening to speakers from all areas of the legal field, and watching videos and movies that apply to the topic. Law & Justice students can earn five free college credits for Introduction to Criminal Justice from Grays Harbor College.
## Support Services

<table>
<thead>
<tr>
<th>Course</th>
<th>Grades</th>
<th>Credit</th>
<th>Fulfills</th>
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<tbody>
<tr>
<td><strong>RESOURCE LANGUAGE 1 (ENS)</strong></td>
<td>9-12</td>
<td>Year-long (2.0 credit)</td>
<td>English</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong> Instructor Permission</td>
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<tr>
<td>This course is a specialized language program designed to help a wide range of students who would benefit from concentrated and explicit instruction in reading and writing. Students will receive explicit instruction in word attack skills, decoding strategies, fluency, vocabulary and comprehension, grammar usage, sentence writing, paragraph and essay writing. Students will be placed in this course based on district screening criteria and specific program placement assessment. This course is a BLOCK class.</td>
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<tr>
<td><strong>RESOURCE LANGUAGE 2 (ENS)</strong></td>
<td>9-12</td>
<td>Year-long (2.0 credit)</td>
<td>English</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong> Instructor Permission</td>
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<td>This course is a specialized language program designed to help a wide range of students who would benefit from concentrated and explicit instruction in reading and writing. Students will receive explicit instruction in word attack skills, decoding strategies, fluency, vocabulary and comprehension, grammar usage, sentence writing, paragraph and essay writing. Students will be placed in this course based on district screening criteria and specific program placement assessment. This course is a BLOCK class.</td>
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<tr>
<td><strong>DEVELOPMENTAL WRITING (ENS)</strong></td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
<td>Elective</td>
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<tr>
<td><strong>Prerequisites:</strong> Instructor Permission</td>
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<tr>
<td>This course is a specialized writing program designed to help a wide range of students who are performing below grade level expectations in writing. Students will receive explicit instruction in essay format, the writing process and author tools. Direct instruction also occurs in grammar usage, sentence writing, and conventions. Students will be placed in this course based on district screening criteria and specific program placement assessment. This course is taken in addition to a general education English course.</td>
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<tr>
<td><strong>GENERAL MATH A (MAS)</strong></td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
<td>Math</td>
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<tr>
<td><strong>Prerequisites:</strong> Placement Test</td>
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<td>This class is the first in the five step Math program within the Special Education Department. This course will emphasize the application of counting skills, math symbols (writing, identification) addition and subtraction skills, place - value problem solving and money applications.</td>
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<tr>
<td><strong>GENERAL MATH B (MAS)</strong></td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
<td>Math</td>
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<tr>
<td><strong>Prerequisites:</strong> Placement Test</td>
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<tr>
<td>This class is the second in the five step Math program within the Special Education Department. This course will review previously taught math concepts in the General Math series and will focus on: place value, number families and relationships, math facts, measurement, money and solving story problems.</td>
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<tr>
<td><strong>GENERAL MATH C (MAS)</strong></td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
<td>Math</td>
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<tr>
<td><strong>Prerequisites:</strong> Placement Test</td>
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<tr>
<td>This class is the third in the five step Math program within the Special Education Department. This course will review previously taught math concepts in the General Math series and will focus on: addition, subtraction and multiplication facts, mental arithmetic, number relationships, place value, estimation, problem solving, analyzing data tables, fractions measurement, time and money skills and application.</td>
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<tr>
<td><strong>GENERAL MATH D (MAS)</strong></td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
<td>Math</td>
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<tr>
<td><strong>Prerequisites:</strong> Placement Test</td>
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<td>This is a core replacement curriculum that works to accelerate student learning of the following Focus Skills: (1) developing understanding and fluency with multi-digit multiplication, and developing understanding of dividing to find quotients involving multi-digit dividends; (2) developing an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, and multiplication of fractions by whole numbers; (3) understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry.</td>
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<tr>
<td><strong>GENERAL MATH E (MAS)</strong></td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
<td>Math</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong> Placement Test</td>
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<tr>
<td>This is a core replacement curriculum that works to accelerate student learning of the following Focus Skills: (1) developing fluency with addition and subtraction of fractions, and developing understanding of the multiplication of fractions and of division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions); (2) extending division to 2-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations; and (3) developing understanding of volume.</td>
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PRE-ALGEBRA 1 (MAS)  
**Grades:** 9-12  
**Credit:** Year-Long (1.0 credit)  
**Prerequisites:** Instructor Permission  
**Fulfills:** Math  
This is a core replacement curriculum that works to accelerate student learning of the Basic Pre-Algebra curriculum with a focus on movement to Pre-Algebra the following year. Focus Skills: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

PRE-ALGEBRA 2 (MAS)  
**Grades:** 9-12  
**Credit:** Year-Long (1.0 credit)  
**Prerequisites:** Instructor Permission  
**Fulfills:** Math  
This is a core replacement curriculum that works to accelerate student learning of the Advanced Pre-Algebra curriculum with a focus on movement to Algebra 1 the following year. This is a block class with Focus Skills: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples. (5) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations.

SOCIAL/COMMUNICATION SKILLS (SUP)  
**Grades:** 9-12  
**Credit:** Semester (.5 credit)  
**Prerequisites:** Instructor Permission  
**Fulfills:** Elective  
This Special Education course utilizes a social skills curriculum intended to help students gain a better understanding of themselves and their roles in society. Role play, group discussions and journaling are employed in this class. Students are pre-selected based on SPED department recommendations.

SECONDARY TRANSITIONS (SUP)  
**Grades:** 11-12  
**Credit:** Year-long (3.0 credit)  
**Prerequisites:** Instructor Permission  
**Fulfills:** Determined by IEP  
Students will prepare for post-secondary opportunities including college, vocational training and employment. They will learn skills for independent living and actively participate in job readiness activities. Students will access the community through public transportation for job shadowing and leisure opportunities.

HUMAN RELATIONS (SUP)  
**Grades:** 9-12  
**Credit:** Semester (.5 credit)  
**Prerequisites:** Instructor Permission  
**Fulfills:** Elective  
This Special Education course utilizes social skills curriculum intended to help students develop a better understanding of themselves in an attempt to improve their ability to succeed in the classroom and other social situations. Accountability, self-advocacy, stress management, and social competence are taught through a Social Skills Curriculum. Students are pre-selected based on SPED department recommendations.

LIFE SKILLS (SUP)  
**Grades:** 9-12  
**Credit:** Year-long (Credits Arranged)  
**Prerequisites:** Instructor Permission  
**Fulfills:** Determined by IEP  
The Life Skills program is a functional, community-based program for students who are developmentally delayed. Age-appropriate skills are taught in home management, socialization, banking, money management, transit training, leisure and recreation, and time and schedule management. The Life Skills program focuses on the critical skills and outcomes that individuals, who are developmentally delayed, need to assist them in making the successful transition from school to work and community living. Instruction is designed to meet each student’s unique individual needs through the Individual Education Plan (IEP) process.
SCULPTURE AND POTTERY (ART)  Grades: 9-12  Credit: Semester (.5 credit)
Prerequisites: None  Fulfills: Visual/Performing Art or Elective
This beginning art course introduces students to a variety of materials and techniques used to create three dimensional art such as clay, plaster, wire, and found objects. Students will study the language of form and will be focus on design principles as they apply to creative problems solving. Students will use sketchbooks as a means of exploration and visual communication. In addition to creating sculpture, students will be introduced to sculptural traditions from around the world as well as how sculpture is being used by contemporary artists.

ADVANCED SCULPTURE AND POTTERY (ART)  Grades: 10-12  Credit: Semester (.5 credit)
Prerequisites: Sculpture & Pottery  Fulfills: Visual/Performing Art or Elective
This course is geared to the student who is motivated to undertake very ambitious work in clay and further their understanding of ceramic art as a means of artistic expression. Considerable freedom is afforded students who have demonstrated proficiency in working with clay. The goal for this course is to provide the advanced student the opportunity to grow in a setting with ambitious peers and to produce more individualistic and expressive works. Student work must reflect well thought-out planning. Students will explain or justify themes and aesthetic choices, making connections to art history and their community whenever possible.

*This class may be repeated with Instructor permission.

DRAWING (ART)  Grades: 9-12  Credit: Semester (.5 credit)
Prerequisites: None  Fulfills: Visual/Performing Art or Elective
This beginning art course teaches the skills and techniques necessary in successful drawing from observation as well as imagination. Students will explore a variety of materials including: graphite, charcoal, chalk and oil pastels, ink, colored pencils, tempera, and watercolor paints. This course will cover the fundamentals of proportion, perspective, contour, composition, symbolism, and artistic voice. Students will create art from observation (still life, portraits, and figures), imagination and personal experiences. Sketchbooks will be used for a variety of purposes including creative problem-solving, personal exploration and visual communication.

PAINTING (ART)  Grades: 9-12  Credit: Semester (.5 credit)
Prerequisites: Drawing or Instructor Permission  Fulfills: Visual/Performing Art or Elective
This intermediate art course furthers students understanding of two dimensional art by building upon the skills gained in Drawing. Students will continuously improve their knowledge of drawing while deepening their exploration of artistic voice and individuality through a variety of painting media such as watercolor, acrylic, pastel, mixed-media, and ink. Students will build a strong foundation in color theory and design in order to make informed decisions regarding their artwork. Sketchbooks will be used for a variety of purposes including creative problem-solving, personal exploration, and visual communication.

AP STUDIO ART* (ART)  Grades: 10-12  Credit: Year-long (1.0 credit)
Prerequisites: 1 year of Art and Teacher Approval  Fulfills: Visual/Performing Art or Elective
This advanced, college-level course will assist students in pursuing their artistic interests through guided assignments in 3D Design, 2D Design or Drawing. Students will choose one of the following portfolios to work in for the school year: 2D Design, 3D Design, or Drawing. All students will work towards creating a college ready portfolio consistent with the expectations for the Advanced Placement Studio Art portfolio review. Successful review of a student portfolio may result in awarded college credit in the visual arts. Each student will work vigorously through classroom assignments, homework, and sketchbook exploration to develop a body of artwork that illustrates the breadth of skill each student is capable of through a variety of media, the quality of work possible, and the depth of thought demonstrating the evolution of their thinking.

*This class may be repeated with Instructor permission.

DIGITAL PHOTOGRAPHY (INV)  Grades: 9-12  Credit: Semester (.5 credit)
Prerequisites: None  Fulfills: Visual/Performing Art, CTE or Elective
Students will complete a course of study in the fundamentals of photography, including composition, basic camera use and display of photos. Students will take a variety of pictures highlighting the elements of design and use Adobe Photoshop to enhance, alter, and manipulate pictures. Students will create a portfolio of their work. Student assignments are designed to support WASL goals and objectives.
INTERMEDIATE DIGITAL PHOTOGRAPHY* (INV)  
**Prerequisites:** Digital Photography or Instructor Permission
**Grades:** 10-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** Visual/Performing Art, CTE, or Elective

Upon completion of the Introductory Digital Photography course, students can continue to develop their skills in Advanced Digital Photography. The creative process will be emphasized. Students will enhance their post-production skills through the use of Adobe Photoshop. Working independently and in groups, students will study past masters, create portfolios, and reflect on their work. Photographic skills such as lighting, use of f-stops, and control of aperture will be strongly considered.

*May be repeated for additional credit with Instructor permission.

MEDIA ARTS* (ENG)  
**Prerequisites:** Instructor Permission
**Grades:** 10-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Visual/Performing Art, CTE, or Elective
*(Will NOT fulfill college/university credit for Fine Arts.)*

This course involves intensive study of photography, website development, graphic design and/or illustration for publication in the school Newspaper. Students will study theory as well as practice, and utilize cutting-edge, industry-standard hardware and software.

*May be repeated for additional credit with Instructor permission.

BEG WEB PAGE DESIGN & MAINTENANCE (BUV)  
**Prerequisites:** Digital Essentials
**Grades:** 10-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** CTE, Art, or Elective

Students will learn basic HTML language, specific software, multimedia techniques, and the design process that will build and enhance web sites. Students will then design and update a website of their own, create Smartphone apps, and work with other emerging web technologies.

ADV WEB PAGE DESIGN & APP DEVELOPMENT (BUV)  
**Prerequisites:** Beg Web Page Design & Maintenance
**Grades:** 11-12  
**Credit:** Semester (.5 credit)  
**Fulfills:** CTE, Art, or Elective

Students will continue learning the components of web page design using Dreamweaver and Photoshop along with working with new computer coding languages for web environments. Students will use the MIT App Builder and other leading software to create and develop apps for mobile devices. Students will learn to edit and manipulate graphics for the web using Adobe Photoshop, and use and learn the Java/Python programming basics along with use of visual code programming blocks, and create creative apps for use on droid-based phones.

**Music**  
Music Related Activities: Chinook Music Educators Association, solo contests, band, string, and piano solos, String Ensemble Festival, State Honors Bands-by audition, CAYSA, SOGO, Tacoma youth Symphony, numerous Choral Ensemble community presentations and choral workshops.

GREEN ORCHESTRA* (MUS)  
**Prerequisites:** Orchestra experience prior to high school or Instructor permission
**Grades:** 9-11  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Visual/Performing Art or Elective

Green Orchestra is a performance group comprised of mostly underclassmen that stresses the development of technical and musical skills necessary for performing standard literature. In most cases, participation in this class is a prerequisite for the Gold Orchestra. Performances are required.

*May be repeated for additional credit with Instructor permission.

GOLD ORCHESTRA* (MUS)  
**Prerequisites:** Audition only
**Grades:** 10-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Visual/Performing Art or Elective

Gold Orchestra is a performance group of mostly upperclassmen that performs challenging music from the standard orchestral repertoire. Students are expected to have a well-developed technical expertise on their instrument and an appreciation of the discipline necessary for performing. Admission to this orchestra is strictly by audition. Performances are required.

*May be repeated for additional credit with Instructor permission.

CONCERT BAND* (MUS)  
**Prerequisites:** Band experience prior to high school or Instructor permission
**Grades:** 9-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Visual/Performing Art or Elective

The concert band is the entry group into the Timberline Band program. All freshmen should be enrolled in this class, although freshmen of extraordinary talent may be invited to audition for Wind Ensemble. 10 – 12th grade students may audition for the Wind Ensemble (below), but may repeat the Concert Band if they choose not to audition or if there is not a chair available in the Wind Ensemble. All students in all Timberline concert bands will also be members of the Timberline Marching and Pep Bands, which will require attendance at several outside-of-school events, attendance at which can only be excused by making prior arrangements with the director. Attendance at all concerts and festivals is mandatory. A small fee is required of all band members to cover the costs of the co-curricular portion of our program. Fundraising opportunities can offset this fee. Ask to see the Timberline Band Handbook for more information.

*May be repeated for additional credit with Instructor permission.
WIND ENSEMBLE* (MUS)  
Grades: 10-12  
Credit: Year-long (1.0 credit)  
Fulfills: Visual/Performing Art or Elective  
Prerequisites: Audition or Instructor Permission  
This course is the advanced performing ensemble of the Timberline Band program and is comprised of students who pass the minimum audition requirements. Membership is typically limited to 10 – 12th grade students, but freshmen of extraordinary ability and maturity may be invited to audition for Wind Ensemble. All students will also be members of the Timberline Marching Band and Pep Bands, which will require attendance at several outside-of-school events, attendance at which can only be excused by making prior arrangements with the director. Attendance at all concerts and festivals is mandatory. A small fee is required of all band members to cover the costs of the co-curricular portion of our program. Fundraising opportunities can offset this fee. *May be repeated for additional credit with Instructor permission.

JAZZ BAND* (MUS)  
Grades: 9-12  
Credit: Year-long (1.0 credit)  
Fulfills: Visual/Performing Art or Elective  
Prerequisites: Audition and currently in a concert band  
The jazz band is a dedicated group of musicians that study and perform jazz and related musical forms. All members are encouraged to learn to improvise. Classes meet at extraordinary times outside of the regular school day so, members must be dedicated and responsible. All members must be enrolled in a concert band in addition to jazz, or have the specific permission of the instructor. Membership is limited by audition. *May be repeated for additional credit with Instructor permission.

CONCERT CHOIR* (MUS)  
Grades: 9-12  
Credit: Year-long (1.0 credit)  
Fulfills: Visual/Performing Art or Elective  
Prerequisites: None  
This class is open to female singers (soprano and alto) at any level of experience. No past experience is necessary. A wide variety of choral music will be rehearsed and performed, ranging from popular to classic styles. This ensemble may be the first singing experience for many students, and an emphasis will be placed on the fundamentals of singing and musicianship. Grading will be based on daily preparation, participation, attitude and periodic tests. Performance in four school-based evening concerts per year is also required, as well as participation in a few festivals and concerts outside of the regular school schedule. SPECIAL NOTE: This class is also open to piano accompanists (Teacher permission required). *May be repeated for additional credit with Instructor permission.

MEN’S CHOIR* (MUS)  
Grades: 9-12  
Credit: Year-long (1.0 credit)  
Fulfills: Visual/Performing Art or Elective  
Prerequisites: None  
This class is open to singers with a tenor or bass voice at any level of experience. No past experience is necessary. A wide variety of choral music will be rehearsed and performed, ranging from popular to classic styles. This ensemble may be the first singing experience for many students, and an emphasis will be placed on the fundamentals of singing and musicianship. Grading will be based on daily preparation, participation, attitude and periodic tests. Performance in four school-based evening concerts per year is also required, as well as participation in a few festivals and concerts outside of the regular school schedule. SPECIAL NOTE: This class is also open to piano accompanists (Teacher permission required). *May be repeated for additional credit with Instructor permission.

SYMPHONIC CHOIR* (MUS)  
Grades: 10-12  
Credit: Year-long (1.0 credit)  
Fulfills: Visual/Performing Art or Elective  
Prerequisites: Audition or Instructor Permission  
This class is open by audition only (limited space available) to students with a desire to gain skills and performance at an advanced level. This class is open to boys and girls. A wide variety of intermediate and advanced choral music will be rehearsed and performed. In addition, emphasis will be placed on choral and individual vocal technique, music reading, and basic musicianship. Although this is an “elective” for most students, a serious attitude about singing is expected. Grading will be based on daily preparation and participation, attitude and periodic tests. Performance in four school-based evening concerts per year is also required, as well as participation in various festivals and concerts outside of the regular school schedule. SPECIAL NOTE: This class is also open to piano accompanists and students conductors. *May be repeated for additional credit with Instructor permission.

TREBLE CHOIR* (MUS)  
Grades: 9-12  
Credit: Year-long (1.0 credit)  
Fulfills: Visual/Performing Art or Elective  
Prerequisites: None  
This group is open to singers with treble voices (Soprano, Alto) who have some choral experience, preferably at the high school level. A wide variety of choral music will be rehearsed and performed, ranging from popular to classic styles. This ensemble may be the first singing experience for many students, and an emphasis will be placed on the fundamentals of singing and musicianship. Grading will be based on daily preparation, participation, attitude and periodic tests. Performance in four school-based evening concerts per year is also required, as well as participation in a few festivals and concerts outside of the regular school schedule. SPECIAL NOTE: This class is also open to piano accompanists (teacher permission required). *May be repeated for additional credit with Instructor permission.

CHAMBER CHOIR* (MUS)  
Grades: 10-12  
Credit: Year-long (1.0 credit)  
Fulfills: Visual/Performing Art or Elective  
Prerequisites: Audition or Instructor Permission  
This class is open by audition only (limited space of 16-24 students max) to singers with treble voices (soprano, alto) with a desire to gain skills and performance at an advanced level. A wide variety of musical styles will be learned and performed through-out the year. The focus will be on group vocal technique as it applies to a small ensemble. An emphasis will be placed on sight-reading, individual vocal technique and musicianship. There will be several evening performances as well as numerous community functions and events each student will be expected to be available for. *May be repeated for additional credit with Instructor permission.
**Performing Arts - Timberline Theatre Company**

Theatre Related Activities: Drama Club; participation in the following: Washington State Thespian Society Festivals, Washington Association of Theatre Educators High School Festival, Centralia Community College Grassroots Festival, South Puget Sound Community College Fine Arts Drama Festival, POSSCA (Patrons of South Sound Cultural Activities), Traveling Children Theatre Productions; Field Trips to Seattle Repertory Theatre, Harlequin Productions, and Capitol Playhouse.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Grades</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAMA 1 (ENG)</td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
</tr>
<tr>
<td>Prerequisites:</td>
<td>None</td>
<td>Fulfills: Visual/Performing Art, English or Elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Students will create, perform, and respond learning acting skills. Units include improvisation/theatre games, vocal technique, character development, movement, scene work, auditioning and the one-act play. In the second semester students will create, perform, and respond to classic styles of theatre including Greek and Shakespeare as well as in-depth work on character and comedy. Creativity, self-confidence, arts awareness, theatre terminology and etiquette are emphasized. This class will cure stage fright! This course does not qualify as an NCAA core English course. <strong>Performance is REQUIRED in class</strong></td>
</tr>
<tr>
<td>DRAMA 2 (ENG)</td>
<td>10-12</td>
<td>Year-long (1.0 credit)</td>
</tr>
<tr>
<td>Prerequisites: Drama 1</td>
<td>Fulfills: Visual/Performing Art, English or Elective</td>
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<tr>
<td></td>
<td></td>
<td>This performance oriented class keeps students focused on improving their theatre performance skills. Students will learn improvisation as an art form, playwriting and performance. Perform for drama competition in musical and non-musical solo, duo, and group pieces. They will also perform, both within school as part of an integrated curriculum and in the community as outreach. This course does not qualify as an NCAA core English course.</td>
</tr>
<tr>
<td>PERFORMING ARTS* (ENG)</td>
<td>10-12</td>
<td>Year-long (1.0 credit)</td>
</tr>
<tr>
<td>Prerequisites: Drama 1, successful completion of auditions and instructor permission</td>
<td>Fulfills: Visual/Performing Art, English or Elective</td>
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<td></td>
<td></td>
<td>This course will include full-length productions that will be rehearsed both inside and outside of class and performed as part of the theatre’s season. In addition, there will be study of major styles and movements in acting, and the literature that corresponds with them. Dramatic literature, original scripts and improvisation will be performed both within school as part of an integrated curriculum. Independent and outside projects should be expected. This course does not qualify as an NCAA core English course.</td>
</tr>
<tr>
<td>DIRECTING 1 (ENG)</td>
<td>10-12</td>
<td>Semester (.5 credit)</td>
</tr>
<tr>
<td>Prerequisites: Drama I and Instructor Permission</td>
<td>Fulfills: Visual/Performing Art, English or Elective</td>
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<td></td>
<td>This course is taken at the same time as Drama 1. It is for the experienced performer who wishes to learn beginning concepts of directing. Scene work is used to experience directing of plays. Director’s workbook is an important final product. Assignments are project based, ability to work well with peers, creativity and leadership are emphasized. Outside lab assignment may be required.</td>
</tr>
<tr>
<td>DIRECTING 2* (ENG)</td>
<td>10-12</td>
<td>Semester (.5 credit)</td>
</tr>
<tr>
<td>Prerequisites: Directing I and Instructor Permission</td>
<td>Fulfills: Visual/Performing Art, English or Elective</td>
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<tr>
<td></td>
<td></td>
<td>This course is taken at the same time as Drama 1 2nd semester. Direction of a one act play is the final product for this class. Learning to communicate with actors is essential for the class. It includes selection, casting, preparation and directing of one act plays. Skills learned include leadership, teamwork, goal setting, problem solving and evaluation. <strong>May be repeated for additional credit with Instructor permission.</strong></td>
</tr>
<tr>
<td>STAGECRAFT 1 (ENV)</td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
</tr>
<tr>
<td>Prerequisites:</td>
<td>None</td>
<td>Fulfills: Visual/Performing Art, CTE or Elective</td>
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<tr>
<td></td>
<td></td>
<td>Students will learn fundamentals of technical theatre. Assignments will be project-based. Theatre technical units include lighting, sound, costume, make-up, props, painting, set building, publicity and design. Students must pass a safety test and work stations before they can handle any tools in the shop, props closet or costume shop. Students will work on all productions at Timberline. They will be assigned a work Crew led by Stagecraft 2 students, and learn lifelong skills.</td>
</tr>
<tr>
<td>STAGECRAFT 2* (ENV)</td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
</tr>
<tr>
<td>Prerequisites: Stagecraft 1 and Instructor Permission</td>
<td>Fulfills: Visual/Performing Art, CTE or Elective</td>
<td></td>
</tr>
</tbody>
</table>
| | | Students will further their knowledge of set design, lighting, sound, props and costumes, along with production skills such as publicity, stage management and technical direction. Students will be taught from both a concept and practical view point. Projects that are both meaningful and useful will be emphasized, as well as training for proficiency in passing the International Alliance of Theatrical Stage Employees (IATSE) apprentice test. Students will teach and work with Stagecraft 1 students to build the theatre program and produce all main stage shows. **May be repeated for additional credit with Instructor permission. **Permanent Tech Crew Members are required to take this course.
World Languages

Studying a World Language is encouraged for all students at Timberline High School. Knowing another language enhances job opportunities in government, business, medicine and health care, law enforcement, teaching, technology, the military, communications, industry, social service, and marketing. Studying another language will also give students a greater insight into their own culture, as well as the diverse cultures in our country and abroad.

For students who plan to attend a 4-year college, 2 years of World Language are required, but 3-4 are recommended for college. Please check with your counselor regarding specific in-state, out of state or private college requirements. For students who plan to attend a 2-year college or technical college, two years of World Language is recommended.

A five credit University of Washington Spanish class is offered for Spanish 4 students at Timberline.

Related Language Activities: French Club, German Club, and travel opportunities to countries where the target languages are spoken.

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credit</th>
<th>Prerequisites</th>
<th>Fulfills</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRENCH 1 (FOR)</td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
<td>None</td>
<td>Elective</td>
</tr>
<tr>
<td>FRENCH 2 (FOR)</td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
<td>Completion of French 1 with a ‘C’ or higher grade</td>
<td>Elective</td>
</tr>
<tr>
<td>FRENCH 3 (FOR)</td>
<td>10-12</td>
<td>Year-long (1.0 credit)</td>
<td>Completion of French 2 with a ‘C’ or higher grade</td>
<td>Elective</td>
</tr>
<tr>
<td>FRENCH 4 (FOR)</td>
<td>11-12</td>
<td>Year-long (1.0 credit)</td>
<td>Completion of French 3 with a ‘B’ or higher grade and Instructor permission</td>
<td>Elective</td>
</tr>
<tr>
<td>GERMAN 1 (FOR)</td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
<td>None</td>
<td>Elective</td>
</tr>
<tr>
<td>GERMAN 2 (FOR)</td>
<td>9-12</td>
<td>Year-long (1.0 credit)</td>
<td>Completion of German 1 with a ‘C’ or higher grade</td>
<td>Elective</td>
</tr>
</tbody>
</table>
GERMAN 3 (FOR)  
**Grades:** 10-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Elective

In German 3, we move toward a deeper understanding and interpretation of German. Students have the opportunity to work with authentic websites, texts, and films to learn many historical and cultural realities of modern German-speaking countries. Students develop their reading and writing skills in German through projects. Conversation skills in order to express our feelings or to communicate ideas are developed. The class may take field trips. Grammar is stressed within a communicative context. Recommended for the college-bound, those who want to communicate with German-speakers or for those who simply enjoy the language.

GERMAN 4 (FOR)  
**Grades:** 11-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Elective

This advanced course is conducted primarily in German. The course builds on third year activities to refine speaking, comprehension, reading and writing skills in order to communicate with proficiency. Projects, films, short novels, skits, internet activities and national standardized proficiency test all provide opportunities for students to advance in the German language. Grammar is emphasized. Student must be willing to work independently part of the time.

SPANISH 1 (FOR)  
**Grades:** 9-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Elective

The goal of the Timberline Spanish program is to enable students to function in a Spanish-speaking culture in another country, or our own. In Spanish 1, we learn survival skills for traveling, for socializing with Spanish-speakers, and for expressing our feelings, opinions and needs. Students have the opportunity to practice the language actively through real-life situations, games, and songs.

SPANISH 2 (FOR)  
**Grades:** 9-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Elective

In Spanish 2 we move closer to the goal of functioning in a Spanish-speaking culture by increasing our conversational skills, vocabulary base, reading and writing skills. Students learn Spanish by using it actively, daily. Themes include our daily routine, fashion, our childhood, and celebrations. Communicating about the past is an important function we will master. Singing and videos are incorporated to make the cultural experience more authentic.

SPANISH 3 (FOR)  
**Grades:** 10-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Elective

Spanish 3 builds on the foundation of the two previous years. Students practice speaking, listening, reading and writing in more complex situations. Some themes include art, food and health, and professions. Spanish is the primary language in the classroom. Cultural activities and projects allow students to explore and share their interests.

SPANISH 4 (FOR)  
**Grades:** 11-12  
**Credit:** Year-long (1.0 credit)  
**Fulfills:** Elective

This advanced course is conducted entirely in Spanish. Progress toward proficiency in the language is the focus. Speaking, comprehension, reading, and writing skills in Spanish are refined. Students may elect to take the course at Timberline High School for five University of Washington credits. Students wishing to earn these credits must pay a nominal fee to the University and will purchase online access for the course textbook. Upon successful completion of this course, students who paid the fee will receive 5 University of Washington credits. This class is taught at the University of Washington as Spanish 103 and although is taught at the University over the course of one quarter, is taught here over the school year. An Advanced Placement exam is not required to earn credit.
Optional Opportunities

**LEADERSHIP**  (MIS)

**Grades:** 10 - 12  
**Credit:** Semester (.5 credit)

*May be repeated for additional credit with Instructor permission.*

This is a class designed to help students become effective leaders by developing skills through school service, community service and class instruction. Students will create, design, organize and manage a variety of events and activities at school and in the community. Skill development will focus on communication skills, group process and dynamics, managerial skills and human relations. ASB Officers and Senior Class Officers are required to take the course the Year-long and Junior Class Officers are required to take it second semester.

**ANNUAL**  (MIS)

**Grades:** 10 - 12  
**Credit:** Year-long (1.0 credit)

*May be repeated for additional credit with Instructor permission.*

Annual is concerned with all aspects in the preparation, sale, and distribution of the annual school yearbook. Emphasis is placed on graphic layout, photography, sales techniques and writing composition skills.

**RUNNING START**  (RSX)

**Grades:** 11 - 12  
**Credit:** (credits arranged)

Courses may be taken at SPSCC for both high school and college credit. All grades earned for college work are required to be included on the high school transcript and in the GPA. Interested students must apply through the high school Counseling Center.

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**NOTE:** Only one of the following courses may be taken during a semester, and any combination may be taken or repeated for up to 2.0 elective credits of the diploma requirements.

**ATTENDANCE ASSISTANT**  (TAS)

**Grades:** 10 - 12  
**Credit:** Semester (.5 credit)

Students assist the attendance office with such responsibilities as messages, filing and other required duties. Students will receive a “Pass/Fail” grade for this class.

**COPY CENTER ASSISTANT**  (TAS)

**Grades:** 10 - 12  
**Credit:** Semester (.5 credit)

Students gain a working knowledge of offset printing, along with basic trouble shooting techniques. Students are trained on a Canon Digital Copy Machine with a complete finishing station. Students are trained in mailroom procedure and bulk mailing. Students will receive a “Pass/Fail” grade for this class.

**LIBRARY ASSISTANT**  (TAS)

**Grades:** 10 - 12  
**Credit:** Semester (.5 credit)

Library assistants provide services to students and faculty using the library. They operate the circulation system, shelve materials, and assist in other library services. This is an excellent assistantship for college bound students who really want to know how libraries work. Grades are based on attendance, participation, and successful completion of daily and weekly tasks. Students will receive a “Pass/Fail” grade for this class.

**TEACHER/STAFF ASSISTANT**  (TAS)

**Grades:** 10 - 12  
**Credit:** Semester (.5 credit)

Students assist teachers or office staff with such responsibilities as typing, messages, filing and other required duties. Students will receive a “Pass/Fail” grade for this class.

**COUNSELING CENTER ASSISTANT**  (TAS)

**Grades:** 10 - 12  
**Credit:** Semester (.5 credit)

Students assist counseling center staff with such responsibilities as messages, filing, and other required duties. Students will receive a “Pass/Fail” grade for this class.

**PEER TUTORING**  (TAS)

**Grades:** 10 - 12  
**Credit:** Semester (.5 credit)

Peer tutoring is a course in which students work closely with other students from a variety of courses in order to provide academic support. Peer tutors must be approachable, patient, have an interest in helping other students, be able to maintain confidentiality, work independently, and have an exemplary attendance record. Interested students are required to contact their counselor for an application. Students will receive a “Letter” grade for this class.
BUSINESS PROCEDURES 1 (TA)* (BUV)

Grades: 10-12
Credit: Semester (.5 credit)
Prerequisites: Digital Essentials/Comm. Tech. and Instructor Permission
Fulfills: CTE or Elective

Business Procedures 1 is required training for students wanting to be Teaching Assistants (TAs) at approved locations. Students will complete this class entirely online while performing the daily duties of their TA role in the classroom or approved school setting. The first section of Business Procedures covers the responsibilities of being in a workplace, what employers want, and overall skills an employee (TA) would perform in a business organization setting. To earn a letter grade, students will complete online coursework as well as daily work for the teacher. Introduction to Employment/Business Office Management can be substituted for Business Procedures and pre-qualifies students to be a teacher's assistant. Students will receive a “Letter” grade for this class.

BUSINESS PROCEDURES 2 (TA)* (BUV)

Grades: 10-12
Credit: Semester (.5 credit)
Prerequisites: Business Procedures 1, Intro to Employment, Business Office Management
Fulfills: CTE or Elective

Business Procedures 2 is the second level class that is required for those wanting to be Teaching Assistants (TAs) at approved locations. Students will complete this class entirely online while performing the daily duties of their TA role in the classroom or approved school setting. The second section of Business Procedures covers issues surrounding confidentiality, filing, review/training of computer skills, understanding a chain of command, and additional skills an employee (TA) would perform in a business organization setting. To earn a letter grade, students will complete online coursework as well as daily work for the teacher. Students will receive a “Letter” grade for this class.

AVID 9 (AVI)

Grades: 9
Credit: Year-long (1.0 credit)
Prerequisites: None
Fulfills: Elective

This is the first course of a 4-year program that helps students prepare for and succeed in honors and Advanced Placement courses in high school and future college coursework. This class focuses on developing writing, inquiry, collaboration, and reading through the content areas as well as communication, self-advocacy, leadership, and organization/time management skills.

AVID 10 (AVI)

Grades: 10
Credit: Year-long (1.0 credit)
Prerequisites: None
Fulfills: Elective

This is the second year of a 4-year program that helps students prepare for and succeed in honors and Advanced Placement courses in high school and future college coursework. This class builds on the writing, inquiry, collaboration, and reading through the content areas as well as communication, self-advocacy, leadership, and organization/time management skills. As the requirements and sophistication of high school increase, AVID supports students in meeting the challenge.

AVID 11 (AVI)

Grades: 11
Credit: Year-long (1.0 credit)
Prerequisites: None
Fulfills: Elective

This is the third year of a 4-year program that helps students prepare for and succeed in honors and Advanced Placement courses in high school and future college coursework. This class builds on the writing, inquiry, collaboration, and reading through the content areas as well as communication, self-advocacy, leadership, and organization/time management skills. As the requirements and sophistication of high school increase, AVID supports students in meeting the challenge. Students begin preparation for applying to colleges and completion of college entrance requirements.

AVID 12 (AVI)

Grades: 12
Credit: Year-long (1.0 credit)
Prerequisites: None
Fulfills: Elective

This is the fourth year of a 4-year program that helps students prepare for and succeed in honors and Advanced Placement courses in high school and future college coursework. This class builds on the writing, inquiry, collaboration, and reading through the content areas as well as communication, self-advocacy, leadership, and organization/time management skills. As the requirements and sophistication of high school increase, AVID supports students in meeting the challenge. Special focus will include the college or technical school admissions process and preparing for starting college or technical training.
New Market Skills Center Courses

Session Schedule

<table>
<thead>
<tr>
<th>Section</th>
<th>Class Time:</th>
<th>Passing Time:</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Session</td>
<td>7:50 to 10:20</td>
<td>10:20 to 10:28</td>
</tr>
<tr>
<td>Second Session</td>
<td>11:10 to 1:40</td>
<td>1:40 to 1:48</td>
</tr>
</tbody>
</table>

Program Descriptions

Automotive Service Technology (AST) – The AST program is a National Automotive Technicians Education Foundation (NATEF) certificated training facility. The AST program offers beginning and advanced course work. The MLR level certified program focuses on the four basic Automotive Service Excellence (ASE) areas: Suspension & Steering, Brakes, Manual Drive Train & Axles, Suspension, and Automatic Transmission/Transaxle. We are also part of the Automotive Youth Educational System (AYES) providing internship and employment opportunities at local repair facilities. Course work is taught by ASE Certified Technicians, and provides the skills and training necessary, when combined with post-secondary, for four ASE certifications.

- College credits may be available through the Tech Prep program
- NATEF, ASE, and AYES certified program
- Internship opportunities

Advanced Automotive Service Technology (AAST) – The AAST program is a National Automotive Technicians Education Foundation (NATEF) certificated training facility. The AAST program offers beginning and advanced course work. The MLR level certified program focuses on the four basic Automotive Service Excellence (ASE) areas: Automotive Electrical/Electronics, Engine Performance, Engine Repair and Heating and Air Conditioning. We are also part of the Automotive Youth Educational System (AYES) providing internship and employment opportunities at local repair facilities. Course work is taught by ASE Certified Technicians, and provides the skills and training necessary, when combined with post-secondary training, for four ASE certifications.

- College credits may be available through the Tech Prep program
- NATEF, ASE, and AYES certified program
- Internship opportunities

Business Academy (BA) - This nationally developed curriculum through NAF.org and will prepare you for employment in your career of interest by offering the critical skills and knowledge needed to enter the workforce. Customer service, cash handling and principles of finance will help build a solid foundation. Get hands on experience at WSECU’s branch level and corporate office to practice your new skills and interview for the paid internship available each year. Two $1,500.00 college scholarships are available for Business Academy students. Academy alumni and business partners from the community support the classroom by offering internship opportunities, job shadowing and site visits at WSECU and TwinStar locations, business mentorship, networking opportunities, and team projects that build your resume and your skills.

Collision Repair Technology (CRT) - The CRT program offers its students Pro Level 1 certification. Students are involved in SkillsUSA leadership activities, and skills competitions, which stress cooperation and teamwork. Students learn vehicle construction, minor body repair, sanding, painting components and spraying techniques, plastic repair, estimating damaged vehicles, MIG welding, and many other operations related to vehicle repair. Safety and proper use of equipment and materials are stressed throughout this program. The program includes use of I-CAR, Axalta Paint Products, Chief, Hunter, and other professional training materials to meet National Automotive Technicians Education Foundation (NATEF) and Automotive Service Excellence (ASE) requirements, standards and certifications.

- College credits may be available through the Tech Prep program
- NATEF, ASE, and I-CAR certified program.
- Body repair, painting, MIG welding, and other operations
**Commercial Graphic Design AP* (CGD)** - The CGD program offers students a comprehensive foundation in graphic design and illustration. Students develop their individual artistic style through practical problem-solving challenges, and applied design theory. Traditional and digital art making, digital photography and historical relevance are utilized for applications in 2D and 3D design for advertising, print, and sign-making. Industry standard software is utilized: Adobe Creative Suite, Flexi-Sign, and Painter. Students plan, analyze, and create visual solutions for community based clients, enjoy internship opportunities, and gain employment fundamentals in this rewarding field. This course prepares students for graphic design and illustration careers such as graphic designer, product designer, typographer, illustrator, and photographer.

- Earn high school fine arts credit
- College Credits may be available through the Tech Prep program

**Computer Hardware and Networking (CHAN)** - CHAN provides students the opportunity to gain the skills and knowledge required to pursue a career in the challenging and high demand field of Information and Communications Technology (ICT). We offer industry leading curriculum through the Cisco Networking Academy with an emphasis on team collaboration, leadership, and effective communication. Students will have the opportunity to learn about the basics of IT support starting with foundational knowledge of computer hardware, software, and troubleshooting. The course will then progress into exploration of basic networking concepts with a focus on practical support and planning in a simulated, competitive business environment. Year one of the program will prepare students to sit for two industry level certifications – Cisco Certified Entry level Network Technician (CCENT) and the CompTIA A+ certification (which validates understanding of the most common hardware and software in business).

Continuation into year two of CHAN deepens the student’s understanding of enterprise level computer networking concepts and scalability while continuing to emphasize network security and troubleshooting. Completion of year two prepares students to sit for the Cisco Certified Network Associate (CCNA) certification exam as well as the CompTIA Network+ certification exam.

This course should be considered a good foundation for the student who is pursuing any IT related career. If passed with a B or better, CHAN may provide college credit in Computer Network Administration

**Construction Trades (CT)** - The CT program is a pre-apprenticeship program teaching entry level construction skills and knowledge. This course covers both residential and commercial construction with an emphasis on job site safety. Additionally, students focus on employability skills, problem-solving, trainability, as well as team building. The course goal is to prepare students for direct entry into an apprenticeship by meeting rigorous academic and industry standards. Students learn “real world” experiences through field trips, guest speakers, and hands-on activities/projects.

**Cosmetology** – Buben School of Beauty in Shelton and Tumwater and Centralia School of Beauty are more than beauty schools; they are businesses dedicated to teaching the techniques of cosmetology while building community relationships that allow students to reach their highest potential through hands-on experience. Students are instructed on current styles, trends, and creative techniques in the art of beauty and industry preparedness. Centralia school sessions run Tuesday through Saturday, with Saturday attendance mandatory. The Tumwater and Shelton schools operate Monday through Friday. Students must be at least 17 years of age to sit for the state written and practical exam. Training provides 1640 hours necessary to take the state board exam for certification. $300 Registration Fee. Off-site community based program. Own transportation required.

- College credits may be available through the Tech Prep program
- Tumwater, Centralia, and Shelton locations
- 1640 hours for Washington State certification

**Summer school commitment required**

**Criminal Justice (CJ)**: A course that prepares individuals to perform the duties of police and public security officers, including patrol and investigative activates, traffic control, crowd control and public relations, witness interviewing, evidence collection and management, basic crime prevention methods, equipment operation and maintenance, report preparation, and other routine law enforcement responsibilities.

In an effort to provide students with an experience that closely mirrors the real-world, field trips to criminal justice and law enforcement facilities, interaction with experts in local, county, state, and national law enforcement, judicial system, investigative and protective services are embedded throughout the year. Careers in law enforcement are expected to grow for all occupations. A more security-conscious society, concerned homeland security, and drug-related crimes contribute to the increasing demand for services. Students will receive credit for Senior Social Studies/Civics.
Culinary Arts (CA) - The CA program combines a comprehensive culinary curriculum with on the job training making our Culinary Arts program unique and exciting for young people. Students exit the program job-ready and prepared for further culinary education. Students are immersed in daily commercial food production, customer service training and academic instruction. Possible opportunities in catering and internships available.

- Industry certification, including Serve Safe Sanitation certification
- College credits may be available through the Tech Prep program
- Students must have a current Washington State Food Handlers Card ($10) to participate
- No face piercing, acrylic nails, nail polish, or jewelry of any kind may be worn during kitchen lab time
- Culinary Arts will charge a fee of $50 for:
  - Chef coat, chef hat, kitchen apron, cut resistant glove

DigiPen - The DCSAP program is an advanced program in “creating makers of technology”. Students create video games using trigonometry and higher math, computer programming in C, Zilch and Java as well as 2D and 3D computer animation. With guidance from the program partner, DigiPen Institute of Technology, the course prepares students for skills necessary for video game industry’s biggest need: qualified video game programmers and artists. Many of DigiPen’s college graduates have secured positions with top companies such as Nintendo, Interplay, DreamWorks Interactive, KnowWonder, and Valve. Students need to pass a qualifying entrance exam with Algebra I minimum.

- Make video games using Zero Engine, DigiPen Institute of Technology’s proprietary game engine and editor
- Learn C, Java and Zilch programming language
- Create 2D/3D computer animation
- Partner of DigiPen Institute of Technology
- 1.0 3rd year math credit
- 1.0 fine art credit
- Sit for Advanced Placement Exam if you choose

College Credit

DigiPen Computer Science is articulated with several entry-level college classes at the DigiPen Institute of Technology in Redmond, WA. Students will also be prepared to take the College Board Computer Science A exam.

Certification

Programs providing opportunities for industry certifications or state licenses.

Digital Media Communication (DMC) - The DMC program is a student’s gateway to the creative world of photography, video production, and website design. Through engaging lessons and exercises, students learn how to use industry standard software such as Adobe Creative Suite: After Effects, Dreamweaver, Illustrator and Photoshop. Students prepare through basic skills and team building before meeting the needs of a non-profit client from the community. Course completers take away invaluable professional and technical knowledge. This course prepares students for multimedia careers such as photography, video, web design, editing, directing, and animation. Illustration and journalism will also be explored as students integrate both the written work and other strategies of visual expression and storytelling.

- Earn high school fine arts credit
- College Credits may be available through the Tech Prep program

Fire Science (FS) - Learn the skills necessary to pursue a career in the fire service and to be an integral part of a community emergency response team. Taught by fire-fighting professionals, students are introduced to firefighter training, fire prevention, inspection and investigation, alarm systems, dispatching, CERT, and emergency medical services. In the Fire Science program, students will drill at a fire station conveniently located near New Market Skills Center in full bunker gear to gain further experience of what this profession has to offer. This is a realistic mix of hands-on training and academic learning that closely imitates a career in this exciting field.
Pre-Veterinary Technician (PVT) - This program is designed to prepare students to enter the animal health care field. The program includes both theory and practical application of skills and concepts, such as animal restraint, medical terminology, anatomy, physiology, surgery and medical nursing and disease process. Students participate in and are responsible for a weekly dog wash that raises money for the program as well as giving students hands on experience. Students gain insight into the different positions available in area clinics during a 20 hour job shadow experience, and upon successfully completing the program students are comprehensively prepared to enter any college Veterinary Technician Program.

Professional Medical Careers (PMC) - The PMC program introduces students to the rewarding medical field and teaches the knowledge and skills applicable to many medical occupations.

Students explore medical careers in their areas of interest, as well as in targeted demand areas for future job openings. Students completing all course work will:

- Participate in a 50-hour clinical internship
- Compile a professional portfolio for job interviews
- Be eligible to become Washington State Nursing Assistant Certified (NAC)
- Have their own transportation required for clinical internship
- Participate in 1st Aid/CPR/AED certification
- Participate in HIV/Bloodborne Pathogens certification
- Participate in specialty training certification in Dementia and Mental Health for caregivers
- Earn high school Lab Science credit

**College credits may be available through the Tech Prep program**
Career Clusters

NATURE & GROW
The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

BUILD & FIX
Careers in designing, planning, managing, building and maintaining the built environment.

ENTERTAIN, CREATE & COMMUNICATE
Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

BUSINESS, ORGANIZE & SELL
Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.

TEACH
Planning, managing and providing education and training services, and related learning support services.

BUSINESS
Planning, services for financial and investment planning, banking, insurance, and business financial management.

HELP
Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.

HEALTH
Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
SERVE
Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.

HELP
Preparing individuals for employment in career pathways that relate to families and human needs.

ENTERTAIN, CREATE & COMMUNICATE

PROTECT
Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

BUILD & FIX
Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

BUSINESS, ORGANIZE & SELL
Planning, managing, and performing marketing activities to reach organizational objectives.

RESEARCH
Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

TRANSPORT
Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

To obtain more specific information on each Program of Study, please visit:
http://www.nthurston.k12.wa.us/cte
Be a Part of Timberline High School's Booster Club

The Timberline High School Booster Club is a fun parent group that helps fund programs and activities that would often not exist without our support. We support all groups, clubs and sports at Timberline. YOUR Booster club raises funds through dues, sale of Timberline apparel, novelties, and concessions.

100% of our profits go to support our students.

We love our Blazers! Join us and help make a difference. Membership forms are available in the school office or more information is on-line on the THS webpage under "families."

The students and staff of Timberline High School, thank our Booster Club for their continued support!