



# BELLINGHAM HIGH SCHOOL



*Course Catalog*  
— 2009 —

# Ready *for college, career and citizenship*

## Ready Guide

The Bellingham School District is preparing *all* students for high levels of achievement in college, career and citizenship. Our Ready Guide is available online at <http://www.bham.wednet.edu/documents/ReadyGuide2009.pdf> It includes information about the new graduation requirements and course planners.

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# BELLINGHAM HIGH SCHOOL INFORMATION

## General Information

This catalog provides information about all courses that are offered at Bellingham High School for the 2009-10 school year. We hope the Ready Guide and this catalog will answer your questions as you decide which high school courses to register for next year. The courses in this catalog will be offered next year only if enough students register this spring to fill a class. It is very important that you think carefully about your choices now so that the courses you want will be available next year. Another reason for you and your parents to take spring registration very seriously is that students will be committed to their schedule. Any change to a schedule will be considered only under exceptional circumstances. We hire teachers and staff our courses based upon your course selection in the spring. The course choices you make in the spring will determine your fall schedule. As you select your classes, please speak with your counselors, teachers, career specialist and other students who have taken the courses to determine if it is they are the right classes for you. Please know that alternate course choices are required in case schedule conflicts prevent your primary choice. You must include an alternate course for each elective.

## Advanced Placement (AP) Program

It is the mission of Bellingham High School to challenge and stretch every student in a rigorous set of classes every year. AP courses are college-level courses offered in the high school. AP courses include frequent homework and involve extensive reading, and some may include a summer reading assignment. Students in AP courses may earn college credit or advanced placement if they perform well on rigorous national AP tests. Ask your counselor for assistance in selecting 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> grade courses that will best prepare you for success in any AP course that interests you. There is the expectation that each student who signs up for an AP class will take the corresponding AP test. As with all classes, once you sign up for a class, you will be required to stay in the class for the entire year.

## Full Schedule Requirement

All 9<sup>th</sup> and 10<sup>th</sup> graders must take six credit-producing classes. As a general rule, these students may not take any non-credit class such as Teacher Assistant or Office Assistant. The principal may make rare exceptions when he or she feels it is in the best interest of a particular student to have a reduced schedule that includes some type of non-credit option. In order to establish and maintain a college preparatory high school schedule, all 11<sup>th</sup> and 12<sup>th</sup> graders are encouraged to take six credit-bearing, academic classes. Spring registration is binding in this regard and requires serious advanced thought.

## College and Post-Secondary Entrance Requirements

Requirements for entrance to four-year colleges vary and may change annually. For example, the University of Washington has substantially modified its admissions approach, moving from a numerical index compiled from GPA and SAT scores to a more holistic approach. Besides academic performance, universities often consider factors such as whether a student has overcome personal or social adversity; if they challenged themselves academically; their leadership skills and extracurricular interests. Also, the personal essay is heavily considered. For the most current information, consult the Washington Four-Year College Book, the College Handbook, online resources at [www.collegeboard.com](http://www.collegeboard.com), or a specific college catalog for entrance information. These books and catalogs are located in your high school counseling/career center.

The entrance requirements listed below are for general guidance. Please ask your counselor for help in checking the requirements for specific post-secondary institutions:

- **Technical Schools:** High school graduation or 18 years of age
- **Washington Community Colleges:** High school graduation or 18 years of age
- **Four-Year Colleges and Universities:** High school graduation; rigorous coursework; GPA, SAT and/or ACT scores; four years of English; three years of social studies; two-three years of the same world language; three-four years of college preparatory math; two-three years of lab science; and one year of arts.

## Activities/Athletics for Alternative Credit

Students in grades 10-12 may earn 0.5 fitness/physical education waiver by participating in one season of WIAA approved junior varsity and/or varsity level team sport. Students may waive up to 1.5 PE credit for successful participation in junior varsity or varsity sports. In order for a course to be waived, students must maintain a full schedule each year.

## Credit Taken Outside of the Bellingham School District

There are some instances when students may take courses outside the district and receive credit on their transcript. Before a student enrolls in any outside course for which he/she expects credit, an application and detailed explanation of the proposed program must be submitted for counselor and administrative review. The application is available in the counseling center. If the application is approved, the student may not reduce his/her schedule to take the course(s) and it is the students' responsibility to ensure that an official transcript documenting the completion of the course and grade is sent to the high school registrar. Students may also wish to take courses for outside credit, unapproved by Bellingham, and submit this transcript to colleges or universities separately from their Bellingham transcript.

## Running Start

Current Washington state legislation allows high school students to attend their local community college or technical school and simultaneously earn high school credit and college credit. There are no tuition fees for the student if the number of credits does not exceed the maximum allowed. Students enrolled in Running Start must:

- Be at least a junior in high school and have a minimum of 11 credits

- Prior to registration, students must take a placement test at the community college to determine if they qualify to take college level courses, or non-credit courses

- Make application to the program during the enrollment period for Whatcom Community College in March prior to the fall quarter the student wishes to attend

- Sign a Bellingham School District Running Start contract with parents/guardians

- Enroll in courses that are approved by the high school counselor so that graduation requirements are completed in conjunction with any college coursework. The students should also maintain full-time enrollment so that the student's graduation status is not jeopardized. Full time at the community college equates to 15 credits per quarter

- Be responsible for knowing the registration dates and deadlines for both the district and community college course registration

- Be responsible for transportation, lab fees and books

- Maintain satisfactory progress at the community college or they may lose their privilege to attend

- Seniors in Running Start will need to be fully responsible to independently follow through with each aspect of the Culminating Project.

## Request to Waive Course Requirements

The following criteria and procedural steps indicate what to do to apply for a waiver of a specific graduation requirement:

1. Waiver requests must be completed before the last semester of the student's senior year.

2. The student must have taken a full schedule all four years to be granted a waiver.

3. The student's proposed schedule for both semesters of the senior year must show that the student does not have room for the class he/she desires to waive. The student is fully scheduled with no open periods.

4. Students must obtain a waiver from the counseling center and initiate the request.

5. Justification must be given for the request. The completed form should be returned to the counselor.

6. The principal or assistant principal must sign the waiver before it is presented to the district office for final approval or denial.

7. Written approval or denial of a waiver request will be sent to the student.

## Requests to Drop or Change a Class

Once a student has registered for a class and the student-driven schedule has been created, students may not change or drop a class. We hire teachers and staff our classes based upon students' course selections. Only under rare, extenuating circumstances will a schedule change request be considered. If a schedule mistake was made by the school, we will make the appropriate correction. If a student simply stops attending a class, the grade will result in an "F" grade in the class.

## Letter Grades and Credit

All academic classes result in a letter grade; A, B, C, D or F. Each course is based on a four-point scale for GPA purposes. Students do not earn credit for an F grade and will need to repeat the class. We do not offer courses for pass/fail, unless it is an office assistant or teacher assistant position.

# BELLINGHAM HIGH SCHOOL

# COURSES

## ENGLISH

### Student/Parent Alternative Reading Request:

Literary materials were selected based on the identified outcomes for each course. Alternative materials that meet those outcomes are available. Students and/or parents/guardians may request alternative materials. Please see the teacher for details.

### 9<sup>th</sup> GRADE ENGLISH

*Course Code: ENG 101, 102*

*Grade Level: 9*

*Length of Class: Year-long*

*Credit: 1.0 English*

*Pre-requisite: None*

The study of literature, including novels, short stories, drama and non-fiction, will serve as a focus for each student to develop his or her writing skills. Student writing will include expository pieces, multi-paragraph essays of persuasion and literary analysis, autobiography/biography, as well as other forms of narrative writing. Continuing development of communication skills is addressed through active-listening practice and a variety of oral presentations, including formal and informal speeches and individual and group presentations.

### 10<sup>th</sup> GRADE ENGLISH

*Course Code: ENG 201, 202*

*Grade Level: 10*

*Length of Class: Year-long*

*Credit: 1.0 English*

*Pre-requisite: 9<sup>th</sup> grade English*

Students will develop and practice skills in reading, writing and communication while examining a variety of literature, including novels, short stories, poetry, nonfiction and drama. Student writing will include a literary analysis, a persuasive research essay using Modern Language Association (MLA) format, a compare-and-contrast essay and in-class writings. Communication skill development continues to be addressed through active-listening practice and a variety of oral presentations. Vocabulary, grammar and spelling will be included in the context of specific writing projects.

### 10<sup>th</sup> GRADE HONORS ENGLISH

*Course Code: ENG 211, 212*

*Grade Level: 10*

*Length of Class: Year-long*

*Credit: 1.0 English*

*Pre-requisite: 9<sup>th</sup> grade English*

As a suggested pre-requisite for Advanced Placement Language & Composition, this course focuses on developing skills in reading, writing and communication through study that includes British literature. Major works to be studied include Beowulf, Canterbury Tales, Shakespeare's plays, Metaphysical and Romantic poetry, and at least two novels to be supplemented with additional fiction, poems, drama or epics. Student writing will include a literary analysis essay, an extended personal essay, a persuasive letter and multiple in-class essays.

## ADDITIONAL ENGLISH COURSES

### AMERICAN LITERATURE

*Course Code: ENG 321, 322*

*Grade Level: 11*

*Length of Class: Semester*

*Credit: .5 English*

*Pre-requisite: 9<sup>th</sup> and 10<sup>th</sup> grade English*

Students will analyze the American experience as it is presented through literature, surveying the variety of cultural and ethnic experiences in American society. Critical thinking, exposition and reading comprehension skills will be emphasized through written, spoken and multimedia responses. Special attention will be given to the following themes: American culture, alienation versus individualism, persecuted Americans, the American family, and American ethics and philosophy. Additionally, students will be expected to research and write a substantial research paper.

### NORTHWEST LITERATURE

*Course Code: ENG 370*

*Grade Level: 11*

*Length of Class: Semester*

*Credit: .5 English*

*Pre-requisite: 9<sup>th</sup> and 10<sup>th</sup> grade English*

Students explore a variety of literary works including essays, short stories, poetry, film and novels from a range of Northwest authors. With strong emphasis on the role of environment and cultures, this class maintains a focus on the history, geography, and spirit of place in Northwest literature. Students will write essays, poetry, short stories and more. Additionally, students will be expected to research and write their culminating project scholarly papers during this course.

AP (Advanced Placement)

## LANGUAGE AND COMPOSITION

**Course Code:** ENG 391, 392

**Grade Level:** 11

**Length of Class:** Year-long

**Credit:** 1.0 English

**Pre-requisite:** 9<sup>th</sup> and 10<sup>th</sup> grade English

This course helps students become skilled readers of prose from a variety of periods, disciplines and rhetorical contexts. The emphasis is on expository, analytical and argumentative writing. This course will prepare students for taking the Advanced Placement exam. This course assumes that students already understand and properly use English grammar. AP students should expect an extensive summer reading assignment prior to the start of the course.

## COLLEGE WRITING

**Course Code:** ENG 401

**Grade Level:** 12

**Length of Class:** Semester

**Credit:** .5 English Elective

**Pre-requisite:** 3 years of English

This intensive writing course helps students become skilled writers in preparation for their first college courses. Students will practice critical reading of novels, essays and other texts, as well as writing techniques commonly used in college settings. Students are expected to work independently and with motivation as they develop a flexible writing style, participate in self and peer editing sessions, apply Modern Language Association (MLA) research skills, and experiment with literary analysis and in-depth critical thinking.

## CREATIVE WRITING

**Course Code:** ENG 601

**Grade Level:** 12

**Length of Class:** Semester

**Credit:** .5 English Elective

**Pre-requisite:** 3 years of English

This class is designed to sharpen writing talents. Students will experiment with a variety of forms of creative expression including poetry, short stories, children's books and journals. Students will be encouraged to pursue their own individual writing interests.

## CREATIVE WRITING ADVANCED

**Course Code:** ENG 602

**Grade Level:** 12

**Length of Class:** Semester

**Credit:** .5 English Elective

**Pre-requisite:** Creative Writing

This course is designed to enable students to continue their work in creative writing. Students will contract for writing assignments, read and critique the work of other writers, and conference with the teacher. Students will produce a creative writing publication composed of their own pieces of writing as well as those from the student body.

## WORLD LITERATURE

**Course Code:** ENG 420, 421

**Grade Level:** 12

**Length of Class:** Semester

**Credit:** .5 English Elective

**Pre-requisite:** 3 years of English

This one-semester course is available both semesters. Students will gain an appreciation and understanding of literature from regions such as Africa, the Middle East, India and Eastern Asia. Students will also examine the global impact of the writing and the relevant issues that are raised by each author. Students will write a variety of thoughtful essays, create meaningful presentations and conduct research to enhance their understanding of the literature.

## WRITTEN COMMUNICATION

**Course Code:** ENG 502

**Grade Level:** 12

**Length of Class:** Semester

**Credit:** .5 English Elective

**Pre-requisite:** 3 years of English

This course is specifically designed to help seniors improve their basic writing skills. Through the study of contemporary literary works and a structured writing model, students will improve their literary analysis and research skills. Coursework will include reading select short stories, writing a series of essays, completing a technical writing unit targeting employment skills and writing an in-depth scholarly paper.

## FILM AND MEDIA: READING THE IMAGE

**Course Code:** ENG 604

**Grade Level:** 12

**Length of Class:** Semester

**Credit:** .5 English Elective

**Pre-requisite:** 3 years of English

This writing-intensive course will engage students in the analysis of media in the modern world. Emphasis is placed on the close reading of images used in advertising, film and the visual arts to deepen students' understanding of how agents-directors, advertisers or artists construct meaning through manipulating what the audience sees and hears. Students are expected to move beyond their role as mere spectators to become critical analysts of visual and written texts presented in class.

AP (Advanced Placement)

## LITERATURE AND COMPOSITION

**Course Code:** ENG 491, 492

**Grade Level:** 12

**Length of Class:** Year-long

**Credit:** 1.0 English

**Pre-requisite:** 3 years of English

This course is designed to engage students in the careful reading and critical analysis of poetry and prose. Through close reading of selected texts, students can deepen their understanding of the ways writers use specific techniques. Students will consider a work's structure, style and themes, as well as more specific elements. Writing assignments will focus on literary analysis through expository and argumentative essays. An extensive summer reading assignment prior to the start of the course will be given.

# VISUAL & PERFORMING ARTS

## VISUAL ARTS COURSES

### ART 1

**Course Code:** FAA 101  
**Grade Level:** 9, 10, 11, 12  
**Length of Class:** Semester  
**Credit:** .5 Arts  
**Pre-requisite:** None

This course is an introduction to visual art through drawing, painting, design, color study and composition with a variety of materials and techniques. The course includes basic art history and aesthetics. It is offered both semesters.

### ART 2

**Course Code:** FAA 102  
**Grade Level:** 9, 10, 11, 12  
**Length of Class:** Semester  
**Credit:** .5 Arts  
**Pre-requisite:** Art 1  
**Fee:** \$10

This course involves concentration on compositional problems in design and picture making; drawing and painting techniques; painting with acrylics, oils, and watercolors; art history and aesthetics.

### CERAMICS 1

**Course Code:** FAA 201  
**Grade Level:** 9, 10, 11, 12  
**Length of Class:** Semester  
**Credit:** .5 Arts  
**Pre-requisite:** Art 1  
**Fee:** \$10

This course is designed to give the serious art student a chance to concentrate on material and techniques used in the art of ceramics: hand building with coils and slabs, using the potter's wheel, ceramic sculpturing, glazing and decorating, using the kiln, and other special firing techniques. Students will have the opportunity to study trends in traditional works and modern ceramic art. Emphasis will be upon good craftsmanship, individualized solutions to design problems and creative development.

### CERAMICS 2

**Course Code:** FAA 202  
**Grade Level:** 10, 11, 12  
**Length of Class:** Semester  
**Credit:** .5 Arts  
**Pre-requisite:** Ceramics 1  
**Fee:** \$10

This course is a continuation of Ceramics 1, including sculpture, use of the potter's wheel and studio glazes, as well as study of the history and aesthetics of ceramics.

### CERAMICS ADVANCED

**Course Code:** FAA 203  
**Grade Level:** 11, 12  
**Length of Class:** Semester  
**Credit:** .5 Arts  
**Pre-requisite:** Ceramics 2 and application process  
**Fee:** \$10

This course involves individual studio work in an individualized curriculum.

### INDEPENDENT ART STUDIO

**Course Code:** FAA 999  
**Grade Level:** 11, 12  
**Length of Class:** Semester  
**Credit:** .5 Arts  
**Pre-requisite:** Art 1 and application process  
**Fee:** \$10

This course involves individual projects and instruction depend on student's experience, knowledge and task commitment. Advanced Placement portfolio development is encouraged.

### VISUAL ART STUDIO 1

**Course Code:** FAA 111  
**Grade Level:** 10, 11, 12  
**Length of Class:** Semester  
**Credit:** .5 Arts  
**Pre-requisite:** Art 2  
**Fee:** \$10

This course is designed for the student who is capable of independent study and is interested in actively pursuing the study of visual art. Emphasis is on advanced work in drawing and painting, design and aesthetics through assignments and individual project. Advanced Placement portfolio development is encouraged.

### VISUAL ART STUDIO 2, 3 AND 4

**Course Code:** FAA 112  
**Grade Level:** 10, 11, 12  
**Length of Class:** Semester  
**Credit:** .5 Arts  
**Pre-requisite:** Visual Art Studio 1  
**Fee:** \$10

These classes allow the student to work with a variety of materials in an approved program through individual studio projects and instruction.

### ARCHITECTURAL DESIGN

**Course Code:** CTT 110  
**Grade Level:** 10, 11, 12  
**Length of Class:** Semester  
**Credit:** .5 Arts/Occupational (May not be accepted at some universities for Arts credit.)  
**Pre-requisite:** Design Engineering 2 or application process

Based on specific criteria, students are required to design and draw on computer-aided design (CAD) software a complete set of plans for a single family dwelling, including floor plan sketch, conventional floor plan, site plan, roof plan, foundation plan, elevations and structural detail. This course may be repeated for additional credit.

### DESIGN ENGINEERING ADVANCED

**Course Code:** CTT 223  
**Grade Level:** 10, 11, 12  
**Length of Class:** Semester  
**Credit:** .5 Arts/Occupational (May not be accepted at some universities for Arts credit.)  
**Pre-requisite:** Design Engineering 2 or application process

This course is project-based and uses several software packages that integrate both computer-aided design (CAD) and computer aided machine (CAM). Emphasis on CAD/CAM and computer numeric control (CNC) is in a three-dimensional, three-axis environment with milling surfaces rather than contours, and pockets that are done in the two-axis milling. The 3-D solid models involve advanced rendering techniques.

## DRAMA COURSES

### DRAMA 1: INTRODUCTION TO ACTING

**Course Code:** FAD 101

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Arts; Speech/Drama

**Pre-requisite:** None

Drama 1 introduces the student to the theatre, and focuses on developing speaking skills. The course is designed to develop poise and self-confidence in creative group and solo acting projects. Emphasis is on skill and technique in public speaking, as well as beginning acting skills in pantomime, movement, theatre history, improvisation and character development.

### DRAMA 2: INTERMEDIATE ACTING

**Course Code:** FAD 102

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Arts

**Pre-requisite:** Drama 1

Drama 2 further explores the skills developed in Drama 1. More emphasis is placed on acting skills. Students develop audition material, which will assist them in preparation for more advanced coursework or employment. Emphasis is on developing character using the Stanislavsky Method, introduction to directing, play analysis, monologue and scene study. Drama 2 is repeatable for credit.

### DRAMA 3: ADVANCED PRODUCTION/HONORS

**Course Code:** FAD 103, 104

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts/Occupational

**Pre-requisite:** Drama 1 or 2 and Audition

Drama 3 Advanced Production/Honors is an advanced production class in which serious theatre arts students enhance acting and directing skills for one-act or longer plays for production and public performance. Highly complex analysis, characterization and

interpretive skills required. The course is designed for drama productions, contests and competitions. Students prepare for college scholarship and/or professional employment.

### TECHNICAL THEATRE

**Course Code:** FAD 200

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational/Elective

**Pre-requisite:** Application process

Technical theatre is for students with an interest in developing work-related skills in the technical theatre and/or film industry. Emphasis is on the development of skills in technical aspects of the theatre, including scenic design and construction, scene painting, costuming, rigging, lighting and sound engineering and production, as well as individual projects in design and/or construction. The main objective of the class is to prepare students to work in the theatrical field. The class is repeatable for credit.

## MUSIC COURSES

### MIXED CHOIR

**Course Code:** MUS 230, 231

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts

**Pre-requisite:** None

This class is geared to the less experienced singer. Students practice and perform all types of choral music while developing vocal skills. The main objective is to prepare singers for a successful experience in Concert Choir or Treble Choir.

### MEN'S CHOIR

**Course Code:** MUS 220, 221

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts

**Pre-requisite:** None

Designed for boys who enjoy singing, this course will emphasize the fun, enjoyment and camaraderie of group singing. Ninth graders interested in auditioning for Concert Choir or male students already

enrolled in Concert Choir are particularly encouraged to enroll. The primary focus is on developing confidence and musical expression through singing a variety of songs and voice-building techniques.

### TREBLE CHOIR

**Course Code:** MUS 235, 236

**Grade Level:** 9\*, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts

**Pre-requisite:** \*Freshmen may register only after an audition

This class is designed for the female vocal student (Soprano, Second Soprano, Alto) with more than beginning high school vocal experience. This group practices and performs music for choir concerts and is an excellent preparation for Concert Choir and Showstoppers. Female students who have already enrolled in Concert Choir who would like to build confidence and better vocal skills are also encouraged to enroll.

### CONCERT CHOIR

**Course Code:** MUS 210, 211

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts

**Pre-requisite:** Audition

**Fee:** \$15 for robe use/cleaning

This choir, for the more advanced choral musician (Soprano, Alto, Tenor, Bass), performs for community groups, all concerts, contests and a spring tour. The group sings a wide variety of music, preparing students for college or community choirs.

### SWING CHOIR/ SHOWSTOPPERS, HONORS

**Course Code:** MUS 245, 246

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts or Occupational

**Pre-requisite:** Audition, Concert Choir

This select group of singers practices and performs music of all styles for the smaller vocal ensemble with an emphasis on pop, jazz, madrigals and especially show music. Students participate in numerous performances

for community and school events developing performance skills that can lead to employment.

## ORCHESTRA

**Course Code:** MUS 400, 401

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts

**Pre-requisite:** Previous successful orchestra or private lesson experience

This is a non-auditioned class, open to all string players who have had private lessons or have been previously enrolled in a school orchestra. All freshmen and other incoming string players are expected to enroll in this class before taking Concert Orchestra or Chamber Orchestra. The group will focus on building intonation, tone production, shifting and vibrato skills and will perform at least four concerts during the year.

## CONCERT ORCHESTRA

**Course Code:** MUS 410, 411

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts

**Pre-requisite:** Audition

This class is considered advanced and students will need to audition the prior spring in order to enroll for the fall class. The group works on string music that requires higher level music skills. It will perform several concerts during the school year and take an annual concert tour in the spring.

## CHAMBER ORCHESTRA, HONORS

**Course Code:** MUS 405, 406

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts or Occupational

**Pre-requisite:** Enrollment in Concert Orchestra and audition

Members of this select group must be enrolled in Concert Orchestra and will need to pass a fall audition in order to join. This course is designed for the serious string student who is willing to work on more difficult music, attend regular extra

rehearsal sessions, perform for several additional music and community functions throughout the year, and prepare for the college and perhaps the professional music scene.

## BEGINNING BAND

**Course Code:** MUS 101

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Arts

**Pre-requisite:** None. Students may need to rent an instrument depending on availability from school program.

This course is for students who would like to learn the basics of playing a band instrument for the first time. Students who have minimal experience on an instrument previously, or who would like to learn a new instrument, may also take this course. Students will explore ensemble playing essentials, how to listen more effectively, and learn discipline through playing an instrument. Students who complete Beginning Band could continue on with BHS's other band ensembles.

## SYMPHONIC BAND

**Course Code:** MUS 120, 121

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts

**Pre-requisite:** Audition or previous successful band experience

**Fee:** Fall field show expenses

All styles of music performed. This class is aimed at preparing students for more advanced concert literature. Students will learn sight-reading, music theory, ear training and some music history. The band performs at home football games, field show competitions, basketball games and some parades in the spring. Optional participation in annual spring band tour. Year begins with summer marching camp in late August.

## WIND ENSEMBLE

**Course Code:** MUS 110, 111

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts

**Pre-requisite:** Advanced wind instrument technique and audition

**Fee:** Fall field show expenses

This class is for more advanced wind players. Advanced and collegiate-level literature performed including sight-reading, ear training, advanced music theory and extended instrument technique. The band performs at home football games, field show competitions, basketball games and some parades in the spring. Optional participation in annual spring band tour. Year begins with summer marching camp in late August.

## JAZZ ENSEMBLE, HONORS

**Course Code:** MUS 115, 116

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts or Occupational

**Pre-requisite:** Audition

This is a smaller ensemble for advanced musicians who want to pursue/explore the area of jazz. Emphasis is on the field of jazz music and performance, possibly leading to employment. This ensemble is for the committed and dependable musician. Attendance and punctuality are crucial to the success of the student and ensemble. Multiple performances beyond school day as well as competitions. Optional participation in annual spring band tour.

## MUSIC ADVENTURES

**Course Code:** MUS 302

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Arts

**Pre-requisite:** None

If you love music but haven't had the chance to play in one of the schools many ensembles, then Adventures in Music is for you. This is a hands-on course with opportunities to listen to great music, experiment with different instruments and learn a little bit of music theory and history. There may even be some opportunities to perform.

## MUSIC THEORY

**Course Code:** MUS 304, 305

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts

**Pre-requisite:** None

This course is designed for students who would like to explore the foundations of music in non-performance areas. Students will explore music through listening and keyboard skills, sight-singing melodic and rhythmic dictations, music history and the study of genres such as jazz, classical, etc. Students will develop an understanding of melody, harmony, texture, rhythm, form and modes, and will learn how to arrange and compose music. Students should have a good understanding of the basics of music.

## PIANO KEYBOARDING

**Course Code:** MUS 501

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Arts

**Pre-requisite:** None

Do you have a keyboard at home that you want to learn to play? This course will help you develop and/or improve your piano keyboarding skills. This is definitely a hands-on class as students will practice and perform piano music daily. Students may be requested to bring portable keyboards from home.

## PERCUSSION ENSEMBLE

**Course Code:** MUS 108, 109

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Arts

**Pre-requisite:** Audition or previous successful band percussion experience

**Fee:** Fall field show expenses

This class provides opportunities to play multiple percussion instruments, develop music-reading and ear training skills, and work together as a percussion ensemble. Percussion performances as an ensemble and with other bands. Additional opportunities to play on the drumline and in the front mallet ensemble. Performs at concerts, festivals, home football/basketball

games, field show competitions and optional participation in annual spring band tour. Year begins with summer marching camp in late August. Additional summer drumline camp offered.

# MATHEMATICS

The mathematics curriculum is standard-based, integrated and aligned with the Washington State Essential Academic Learning Requirements (EALRs) and the National Council of Teachers of Mathematics (NCTM) Principles and Standards for School Mathematics. Student requests for a change of math program require parent/guardian involvement and approval of the current math teacher, math department chair and counselor. Students are encouraged to take mathematics every year in high school.

## ALGEBRA I

**Course Code:** MAT 213, 214

**Grade Level:** 7, 8, 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Mathematics

**Pre-requisite:** None

This course of study includes an emphasis on problem-solving and communication skills. Competency in basic math skills is expected. Topics of study include data representation, equations, inequalities, linear and quadratic functions, graphing systems, rational expressions, relations and functions, and geometry. A scientific calculator is required.

## ALGEBRA I-B

**Course Code:** MAT 105, 106

**Grade Level:** 9

**Length of Class:** Year-long

**Credit:** 1.0 Mathematics (NOTE: The 1.0 mathematics credit will be awarded upon successful completion of the Algebra 1-A/1-B course series.)

**Pre-requisite:** Algebra I-A in middle school

This one-year course of study is the second year of the Algebra 1-A/1-B

course series, and continues the development of students' knowledge in number sense, algebra, data representation, geometry, probability and statistics. This course continues to emphasize solving problems, reasoning, communicating and making connections to other subject areas and real-life situations. Algebra I-A and I-B cover the same skills and concepts as Algebra I, but over two years.

## GEOMETRY

**Course Code:** MAT 215, 216

**Grade Level:** 8, 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Mathematics

**Pre-requisite:** Algebra I or Algebra 1-B

This one-year course continues the study of algebraic concepts with the exploration of the following geometric relationships: points, lines, planes, polygons, circles, 3-D figures, the concepts of proportion, similarity and congruence, area and volume, and geometric probability. The course involves investigations, logical thinking and problem-solving leading to conjectures formalized in methods of proof. A scientific calculator is required.

## ALGEBRA II

**Course Code:** MAT 315, 316

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Mathematics

**Pre-requisite:** Geometry

This one-year course continues the study of algebraic and geometric concepts including polynomial, exponential, logarithmic, trigonometric and rational functions, systems of equations and inequalities, sequences and series, conic sections, matrices and complex numbers. A graphing calculator is required. (TI-83 plus recommended).

## MATH FUNDAMENTALS

**Course Code:** MAT 321/322

**Grade Level:** 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Mathematics or 1.0 Elective

**Pre-requisite:** Not meeting standard on the high school state math test (Class may be repeated for credit.)

The support course is designed to provide students content and process skills — reasoning, problem-solving, communication and making connections — required to meet or exceed the high school mathematics Washington Assessment of Student Learning (WASL) standard. This course provides additional support for students to meet or exceed the math standard.

## APPLICATIONS IN MATH REASONING

**Course Code:** MAT 421/422

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Math

**Pre-requisite:** Algebra II

Topics in this course will include graph theory, planning and bin packing, voting theory, linear programming, statistics, probability, finance and game theory. Students will develop quantitative literacy and expand knowledge of algebra and geometry to prepare students for coursework in statistics, science, math and technical fields. Post Algebra II alternative to Pre-Calculus.

## FUNCTIONS, STATISTICS AND TRIGONOMETRY

**Course Code:** MAT 211, 212

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Mathematics

**Pre-requisite:** Algebra II

This year-long course provides instruction about functions, statistics, probability and trigonometry for the general college preparatory student. It emphasizes the development and use of the trigonometric functions on the unit circle and includes study of right and oblique triangle applications. It also includes the gathering and use of data

to address issues, statistical influence and probability. A graphing calculator is required (TI-83 plus recommended).

## PRE-CALCULUS

**Course Code:** MAT 401, 402

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Mathematics

**Pre-requisite:** Algebra II

This class furthers the study and application of polynomial, rational, exponential, and logarithmic functions, sequences and series, and conic sections. The study of trigonometry and circular functions includes graphs, oblique triangles, fundamental and composite angle identities, and applications with vectors, polar equations and complex numbers. Pre-Calculus may be taken concurrently with AP Statistics. A graphing calculator is required (TI-83 plus recommended).

## AP (Advanced Placement)

### CALCULUS

**Course Code:** MAT 491, 492

**Grade Level:** 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Mathematics

**Pre-requisite:** Pre-Calculus

AP Calculus is intended for students who will take the Advanced Placement Calculus test, and possibly qualify for college credit. This course teaches students to work with limits of functions, derivatives (instantaneous rate of change), definite integrals and indefinite integrals (areas under a curve). Study will include analysis of problems numerically, verbally, algebraically and graphically. AP Calculus may be taken concurrently with AP Statistics. A graphing calculator is required (TI-83 plus recommended).

## AP (Advanced Placement)

### STATISTICS

**Course Code:** MAT 391, 392

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Mathematics

**Pre-requisite:** Algebra II

AP Statistics is intended for the students who will take the Advanced Placement Statistics test, and possibly qualify for college credit. Students will collect, analyze and draw conclusions from data. They will observe patterns and/or the absence of patterns in data. They will plan a study, anticipate patterns, model solutions using probability theory and use statistical inference to confirm the model. Statistics may be taken concurrently with Pre-Calculus or Calculus. A graphing calculator is required (TI-83-plus recommended).

# SCIENCE

To ensure accurate placement and maximize success, students should consult with their science teacher about course choices for the following semester. Students wishing to enroll in honors science classes should possess a genuine interest in the subject, have "B" or better grades in previous science courses, a history of successful academic habits, and a recommendation from current science teacher.

## ENVIRONMENTAL SCIENCE

**Course Code:** SCI 111, 112

**Grade Level:** 9

**Length of Class:** Year-long

**Credit:** 1.0 Science

**Pre-requisite:** None

Students taking this course will gain an understanding of properties, structures and changes of Earth, physical and living systems. Units of study will include: motion, plate tectonics, energy and ecosystems, water quality and climate change. This course provides laboratory experiences. Students are expected to take both semesters.

## BIOLOGY

**Course Code:** SCI 201, 202

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Science

**Pre-requisite:** Environmental Science

This course is a comprehensive biology course designed for students who have an interest in the sciences. It fulfills a laboratory science credit for a four-year college. The topics covered include the following: biochemistry, cells and cell function, energetics, biodiversity of living systems, human biology, genetics and ecology. This course is laboratory-based and demands two to four hours of homework per week. This is a sequence course and students are expected to take both semesters.

## HONORS BIOLOGY

**Course Code:** SCI 211, 212

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Science

**Pre-requisite:** Environmental Science or application process

This course focuses on the inquiry and investigation of the integrated biological systems: diversity, energetics and evolution. Units of study will include: biochemistry, cells and cell functions, genetics, biodiversity of living systems, human biology and ecology. This course is laboratory-intensive. Students are expected to take both semesters.

## AP (Advanced Placement)

### BIOLOGY

**Course Code:** SCI 291, 292

**Grade Level:** 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Science

**Pre-requisite:** Honors Biology and Honors Chemistry

An advanced, lab-intensive course for students with high interest in the biological sciences. This class focuses on biochemistry, molecular genetics, heredity, cell energetics, evolutionary biology, structure and function of plants and animals, diversity of organisms and ecology. Dissections are required. This course is equivalent to an introductory college-level biology course. This course is designed to prepare students for the AP Biology exam given in May.

### CHEMISTRY

**Course Code:** SCI 301, 302

**Grade Level:** 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Science

**Pre-requisite:** Geometry

Chemistry is a comprehensive course that fulfills a laboratory science credit required for a four-year college. Chemistry is the study of the material world. It is a part of all other science courses. Students will study molecular structure and change in matter and energy as they investigate how the material world works. Students will become proficient in laboratory exploration and technical writing. The

topics covered will include: periodic tables, chemical formulas and equations, atomic theory, quantum theory, kinetic theory, nuclear chemistry, environmental chemistry, acids, bases, heat and energy changes.

## HONORS CHEMISTRY

**Course Code:** SCI 311, 312

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Science

**Pre-requisite:** Biology or Honors Biology.

*Geometry and Algebra II recommended.*

This inquiry-based course explores the foundations of matter and its interactions. Students will investigate topics using in class and laboratory activities that include: atomic theory, the periodic table, chemical reactions, kinetics, thermodynamics, equilibrium, acid base chemistry, and organic chemistry. Students should have a solid foundation in algebraic manipulations and a strong work ethic.

## AP (Advanced Placement)

### CHEMISTRY

**Course Code:** SCI 391, 392

**Grade Level:** 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Science

**Pre-requisite:** Two successful years of lab science.

Modeled after a first year college level chemistry course, this class is designed with a highly motivated student interested in the sciences in mind. Students will work to prepare for the AP Chemistry exam in May by extending their understanding of the principles of chemistry developed in introductory chemistry classes. Special products are undertaken in May after the AP exam. Students are expected to take both semesters.

## PHYSICS

**Course Code:** SCI 401, 402

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Science

**Pre-requisite:** Geometry

Physics fulfills a laboratory science credit required for a four-year college. Topics include energy, waves, light, sound, force, motion, electricity, magnetism and optics. Labs and projects such as bridge building, computer applications and an emphasis on applications of every day situations combine to give this class a practical feel. This course is strongly recommended for students planning on going to college or vocational school. Students are expected to take both semesters.

## HONORS PHYSICS

**Course Code:** SCI 411, 412

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Science

**Pre-requisite:** Algebra II

This course will go beyond regular physics in depth and breadth. Students can expect to investigate sophisticated material and perform at a high level. Students will study motion, force, light, sound, electricity, magnetism, nuclear physics and optics. Labs, projects such as bridge building and computer applications, combine to make this an exciting class. Students planning careers in science, engineering and medicine should take physics in high school. Students are expected to take both semesters.

AP (Advanced Placement)

## PHYSICS

**Course Code:** SCI 491, 492

**Grade Level:** 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Science

**Pre-requisite:** Algebra II recommended and one year of Physics.

This course prepares students to take Advanced Placement Physics B test given in mid-May. Topics include simple harmonic motion, thermodynamics, physical and geometric optics, atomic and nuclear physics, electricity, magnetism and waves.

## ANATOMY AND PHYSIOLOGY

**Course Code:** SCI 126

**Grade:** 11, 12

**Length:** Semester

**Credit:** .5 Science

**Pre-requisite:** Two Years of Science

Students will be introduced to the anatomy, physiology and pathology of the muscular, skeletal, circulatory and respiratory systems. This course is recommended to students wishing to pursue a career in health-related professions or have a general interest in the human body. This course will utilize guided discovery, problem solving, independent research, computer technology and practical labs.

## FORENSICS

**Course Code:** SCI 138

**Grade:** 11, 12

**Length:** Semester

**Credit:** .5 Science or Occupational

**Pre-requisite:** Chemistry and additional lab science class

**Fee:** \$15

This lab course is an introduction to the practice of problem solving and detective work that is needed to help solve crimes. Students will participate in a variety of mock crime scenes to develop observational and problem-solving skills. Students will also be required to analyze various types of media that report crimes. The topics covered in this class include: toxicology, DNA, fingerprinting, trace evidence and serology. Students will be required to keep a lab and field notebook.

## LIFE SCIENCE SURVEY

**Course Code:** SCI 210

**Grade Level:** 10

**Length of Class:** Year-long

**Credit:** 1.0 Science

**Pre-requisite:** Environmental Science

Life Science is similar to Biology, but intended for students who need extra help preparing for the Washington Assessment of Student Learning (WASL) and subsequent science classes (biology, chemistry, etc.). Content areas include ecology, chemistry, cell biology and genetics. This course does not meet college laboratory science expectations. Students who successfully complete Life Science are encouraged to take either biology or chemistry the following year.

## MARINE BIOLOGY SURVEY

**Course Code:** SCI 127

**Grade:** 11, 12

**Length:** Semester

**Credit:** .5 Science

**Pre-requisite:** Environmental Science and/or Biology

This is an activity and project-based course on topics, concepts, and issues in the area of marine biology and oceanography. This course will focus on local ecology and animals of the North Puget Sound. This class will also focus on the human impact on our marine environment. This course will stress field-based learning.

## PHYSICAL SCIENCE SURVEY

**Course Code:** SCI 400

**Grade Level:** 11, 12

**Length of Class:** Semester

**Credit:** .5 Science

**Pre-requisite:** Environmental Science and/or Biology

This is an activity and project-based course on topics, concepts and issues in some area of physical science. Depending on teacher discretion, the course may focus on physical oceanography, earth science, technology, physics or chemistry. This is a one-semester course for juniors and seniors who need science credit for graduation.

## ASTRONOMY SURVEY

**Course Code:** SCI 120

**Grade Level:** 11, 12

**Length of Class:** Semester

**Credit:** .5 Science

**Pre-requisite:** Environmental Science and Biology

This course introduces students to the physical concepts and laws associated with astronomy such as light, optics, motion, and gravity. Topics of astronomy such as the local solar system, galaxies and stars, origin of the universe, and exploration will be included. Research in modern astronomy such as quasars, pulsars, and black holes may also be included.

# SOCIAL STUDIES

## WORLD CONNECTIONS

**Course Code:** HIS 111, 112

**Grade Level:** 9

**Length of Class:** Year-long

**Credit:** 1.0 Social Studies /Technology Connections

**Pre-requisite:** None

World Connections is a year-long course, which combines the objectives and activities of World Geography and Tech Connections. The content and objectives of World Geography provide rich ground for teaching responsible use of basic technology for research, problem solving, decision making and effective communication. The goal is to strengthen each ninth grader's technical and information literacy skills, helping ensure that he or she enters the 10th grade with the skills to be a successful high school student.

## WORLD GEOGRAPHY

**Course Code:** HIS 101

**Grade Level:** 9

**Length of Class:** Semester

**Credit:** .5 Social Studies

**Pre-requisite:** None

This course makes practical application of the "Five Themes of Geography," including physical, cultural and political geography and basic economic concepts. Students will develop skills in research, analysis and problem solving while exploring contemporary world issues.

## U.S. HISTORY

**Course Code:** HIS 201, 202

**Grade Level:** 10

**Length of Class:** Year-long

**Credit:** 1.0 Social Studies

**Pre-requisite:** World Geography

This year-long graduation requirement provides a study of the political, economic, social, technological and military aspects of United States history from the colonial period through the 1990s. First examined are colonial life, the American Revolution, westward development, the Civil War, reconstruction and the rise of industrialism. Second semester begins in 1900 with course content focused on 20<sup>th</sup> century United States history. The course concludes with the United States moving into the 21<sup>st</sup> Century.

## WORLD HISTORY

**Course Code:** HIS 301, 302

**Grade Level:** 11

**Length of Class:** Year-long

**Credit:** 1.0 Social Studies

**Pre-requisite:** U.S. History

This year-long course demonstrates to students how the present has been impacted by the past with emphasis on how historic groups throughout the world solved problems, developed strategies and innovations, and reached conclusions that have helped create key cultural elements today. The course will focus on universal themes, movements, key events/people and critical foundations for modern political, economic, religious, and cultural issues. Regions of particular focus will be Asia, the Middle East and Europe. Current events will be incorporated throughout the year.

## CITIZENSHIP, WASHINGTON & AMERICAN

**Course Code:** HIS 401

**Grade Level:** 12

**Length of Class:** Semester

**Credit:** .5 Social Studies

**Pre-requisite:** World History and U.S. History

This course is designed to give students a practical understanding of the student's rights and responsibilities as a citizen of Washington State and of the United States. It emphasizes a study of the federal government's structure and functions, Washington state's history and governmental development, and Whatcom County's various governmental divisions and agencies. This course deals with contemporary problems of our state and nation, party structures, tax systems, and the justice system. Students must demonstrate satisfactory understanding of the U.S. Constitution.

## WASHINGTON STATE HISTORY

**Course Code:** HIS 110

**Grade Levels:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Elective

**Pre-requisite:** None

Washington State History is a one-semester course offered to any student who has not completed the state requirement of Washington State History in a district middle school. In this course students review and make practical

application of many general social studies concepts, vocabulary and skills. Students study Washington State's regional and physical geography, Washington State history, structure of the state government and economic foundation of Washington. Students make connections between the economy of Washington and Pacific Rim region.

## COMPARATIVE RELIGIONS

**Course Code:** HIS 104

**Grade Level:** 11, 12

**Length of Class:** Semester

**Credit:** .5 Elective

**Pre-requisite:** None

Comparative Religions deals with the seven major historic religions of the world. The course of study will include historical background as well as each religion's impact on the social, political and cultural situations. The religions studied will include Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity and Islam. Coursework includes readings, class discussion, individual research, guest speakers and field trips.

## ECONOMICS

**Course Code:** HIS 105

**Grade Levels:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Social Studies Elective or Occupational

**Pre-requisite:** World Geography

Economics is designed to prepare students to make intelligent economic choices. Students will learn about cost-benefit analysis; banking and the making of money; the various exchanges, including the New York Stock Exchange and the Chicago Board of Trade; how business is organized and how one may start a business; interest paying and earning; and basic economic concepts such as supply and demand, trade-offs, and scarcity.

AP (Advanced Placement)

## WORLD HISTORY

**Course Code:** HIS 391, 392

**Grade Level:** 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Social Studies

**Pre-requisite:** Application process

Advanced Placement World History offers students an opportunity to study the whole of world history. The course will focus on the regions, people, ideas, and events that shaped the past; the connections and interactions between societies; and the development of historical trends. Students will greatly improve their analysis, critical thinking, writing and study skills at a sophisticated college level in preparation for the College Board Advanced Placement exam. AP World History also satisfies the graduation requirement for World History.

AP (Advanced Placement)

## U.S. HISTORY

**Course Code:** HIS 291, 292

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Social Studies satisfies the U.S. History requirement

**Pre-requisite:** Application process

Advanced Placement U.S. History offers students an opportunity to study at the college level, acquire new skills, considerably enhance their writing and analytical abilities, and improve study habits. This course is an in-depth study of the key concepts, issues and problems associated within United States history, and serves as an opportunity to prepare students for the College Board Advanced Placement Examination. Successful completion of both semesters of AP U.S. History also satisfies the graduation requirement for U.S. History.

AP (Advanced Placement)

## GOVERNMENT

**Course Code:** HIS 491, 492

**Grade Level:** 12

**Length of Class:** Year-long

**Credit:** 1.0 Social Studies and satisfies Citizenship requirement

**Pre-requisite:** World History and U.S. History

This course is an in-depth study of the basic concepts and issues in U.S. government in the first semester and

comparative government second semester. It is an intensive, accelerated course designed to prepare students for the College Board Advanced Placement Examination. College credit or placement may be awarded upon successful completion of the test. Successful completion of this class also satisfies the requirement for Citizenship.

# WORLD LANGUAGES

## YEAR 1

**Grade Level:** 8, 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Elective or World Language

**Pre-requisite:** None

**Fee:** Students may need to purchase a workbook for independent study, \$9-\$15.

### FRENCH 1

**Course Code:** WLF 101, 102

### GERMAN 1

**Course Code:** WLG 101, 102

### SPANISH 1

**Course Code:** WLS 101, 102

These courses introduce the language. Students will practice reading, writing, listening and speaking. They will become acquainted with the customs and culture of the countries where the language is spoken. Students should list their second and third world language choices in case their first choices have been filled by other students.

## YEAR 2

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Elective or World Language

**Pre-requisite:** First year of same language

**Fee:** Students may need to purchase a workbook for independent study, \$9-\$15

### FRENCH 2

**Course Code:** WLF 103, 104

### GERMAN 2

**Course Code:** WLG 103, 104

### SPANISH 2

**Course Code:** WLS 103, 104

These courses review and continue the study of grammar with listening and oral skills emphasized. By the second year, students should have a good grasp of basic structure in order to communicate in simple sentences. They will be able to understand fairly complex spoken

language. Reading and writing are also emphasized. Cultural presentations in the world language are continued. At the end of the second year, a great deal of emphasis is placed on oral proficiency in the specific world language.

## YEAR 3

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Elective

**Pre-requisite:** Second year of same language

**Fee:** Students may need to purchase a workbook for independent study, \$9-\$15.

### FRENCH 3

**Course Code:** WLF 105, 106

### GERMAN 3

**Course Code:** WLG 105, 106

### SPANISH 3

**Course Code:** WLS 105, 106

These courses continue skill building in listening, reading, writing and speaking. The world language is used almost exclusively in the classroom. Students are expected to read literature and study history as well as more complicated grammatical structures.

## YEAR 4

**Grade Level:** 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Elective

**Pre-requisite:** Third year of same language

**Fee:** Students may need to purchase a workbook for independent study, \$9-\$15.

### FRENCH 4

**Course Code:** WLF 107, 108

### GERMAN 4

**Course Code:** WLG 107, 108

### SPANISH 4

**Course Code:** WLS 107, 108

Classroom communication in these courses is almost entirely in the world language. Emphasis is on refining and improving of both oral and written expression. It focuses on reading world language materials with emphasis on current prose as well as historic literature with a basic degree of comprehension. It provides some flexibility for self-advancement and independent work. This class may be repeated for credit.

AP (Advanced Placement)

## FRENCH

**Course Code:** WLF 491, 492

AP (Advanced Placement)

## SPANISH

**Course Code:** WLF 491, 492

**Grade Level:** 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Elective

**Pre-requisite:** French 2/ Spanish 2 or  
French 3/ Spanish 3

**Fee:** Students may need to purchase a  
workbook for independent study, \$35.

These are intensive accelerated third/  
fourth year courses to prepare students for  
the College Board Advanced Placement  
Examination. College credit or placement  
may be awarded upon successful  
completion of the spring AP Exam. The  
class is conducted entirely in the language  
at near "native speed." This class may be  
repeated for credit.

## JAPANESE 1 (First Year)

**Course Code:** WLJ 101, 102

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Elective

**Pre-requisite:** None

This is an introduction to the Japanese  
writing system: Hiragana and basic  
vocabulary and sentence structures along  
with a cultural study of the Japanese. The  
Japanese language cannot be isolated  
from its cultural context. Grades are based  
heavily on attendance and participation.  
Tests, homework, a class notebook and  
an outside project also contribute to a  
student's final grade.

## JAPANESE 2 (Second Year)

**Course Code:** WLJ 103, 104

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Elective

**Pre-requisite:** Japanese 1

This is a continuation of the first year with  
a stress on learning Katakana symbols.  
This course provides a formalized study  
of the Japanese culture and emphasizes  
listening and responding to taped native  
speakers. It will include an introduction to  
minimal Kanji writing systems. This course  
is appropriate for students who have

completed a year of Japanese language  
and can read and write Hiragana.

# PHYSICAL EDUCATION

The Physical Educational Department  
aims to provide a well-balanced program  
that promotes holistic health and develops  
the physical, social, emotional and mental  
well being of students. Our goal is to  
provide for the enjoyment of recreational,  
lifetime activities. Proper PE attire and  
locks will be required for all classes. All PE  
classes may be repeated for credit.

## STRENGTH AND CONDITIONING

**Course Code:** PED 114

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 P.E.

This class is open to all students, from the  
beginning weight trainer to the advanced  
lifter. The focus will be teaching proper  
lifting techniques that will enhance the  
student's overall body tone, flexibility and  
fitness.

## ADVANCED STRENGTH AND CONDITIONING

**Course Code:** PED 115

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 P.E.

**Pre-requisite:** Strength and Conditioning

Designed for the highly motivated  
individual. This course will emphasize free  
weight lifting and muscular strength and  
is intended for advanced students with  
previous lifting experience.

## SUNRISE STRENGTH AND CONDITIONING

**Course Code:** PED 116

**Grade Level:** 10, 11, 12

**Length of class:** Semester

**Credit:** .5 P.E.

This class is open to students in grades  
10 through 12, from the beginning weight  
trainer to the advanced lifter. The focus

will be teaching proper lifting techniques  
that will enhance the student's overall  
body tone, flexibility, and fitness. This  
class will meet Monday through Thursday  
from 6:15-7:30 a.m.

## VOLLEYBALL/ BASKETBALL AND CONDITIONING

**Course Code:** PED 122

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 P.E.

This class is designed for the student who  
is interested in basketball and volleyball  
and the strength training/conditioning  
that relates to these two sports. This is for  
the intermediate to advanced student.

## AEROBICS/WALKING

**Course Code:** PED 102

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 P.E.

This class is designed for students  
interested in aerobic conditioning. Some  
type of aerobic exercise will be done daily  
with emphasis on aerobic routines set  
to music. Workout sessions will consist  
mostly of step, high-impact and low-  
impact aerobics. Other workouts may  
include jogging, walking, rope jumping  
and weight training. Class participants  
should be ready for vigorous conditioning  
workouts.

## WEIGHT TRAINING/BODY SHAPING

**Course Code:** PED 127

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 P.E.

This class is designed for students  
interested in weight training and aerobic  
conditioning. Our focus will be teaching  
proper lifting techniques that will enhance  
the student's overall body tone and  
fitness. Nutrition, fitness levels, analysis  
of lean body mass and dietary analysis  
will also be included. Each student will be  
assessed and a program will be designed  
around individual goals and needs.

## RECREATIONAL ACTIVITIES

*Course Code: PED 111*

*Grade Level: 9, 10, 11, 12*

*Length of Class: Semester*

*Credit: .5 P.E.*

*Fee: \$10 for bowling fees*

This course offers a broad variety of activities that will give students an opportunity to be exposed to activities they may use in later life. It will emphasize the development of acceptable social skills for successful group interaction and will encourage and assist the individual to maintain fitness throughout life. Activities may include: table tennis, basketball, softball, volleyball, tennis, badminton, pickleball, bowling, frisbee, floor hockey, bocce ball and horseshoes.

## WALKING FOR FITNESS

*Course Code: PED 130*

*Grade Level: 9, 10, 11, 12*

*Length of Class: Semester*

*Credit: .5 P.E.*

This class is designed for people interested in walking as a lifetime exercise. It is a natural, safe and great social exercise. Our focus will be teaching proper walking technique, which will enhance the student's overall cardiovascular fitness, muscular endurance, posture and flexibility. This class will walk daily outside and students need to be prepared for most weather conditions. Good shoes, rain jacket with hood, hat and gloves are a must.

## YOGA/WALKING/WEIGHT TRAINING

*Course Code: PED 128*

*Grade Level: 9, 10, 11, 12*

*Length of Class: Semester*

*Credit: .5 P.E.*

Designed to present the various movements of yoga from beginning to advanced. Exercises are done slowly with relaxed rhythmic breathing. Yoga helps to avoid strains and injury by teaching you how to efficiently use your body in exercise and daily activities. Other activities to fit personal needs include 1) jogging and walking 2) adaptive weight training.

## HEALTH

*Course Code: PED 300*

*Grade Level: 9, 10, 11, 12*

*Length of Class: Semester*

*Credit: P.E./Health Requirement*

This course is designed to prepare students for lifelong decision-making and problem-solving skills related to health and wellness issues impacting individuals and families. The primary emphasis is on enabling students to assume an active role in developing healthy lifestyles. The curriculum includes the following: mental health and wellness, alcohol and drug education, diseases and body systems, cardiopulmonary resuscitation, human sexuality, social and personal responsibility and accessing community health resources.

# TECH PREP DIRECT COLLEGE CREDIT PROGRAM

College Tech Prep is a college preparatory program offering high school students an opportunity to earn college credit for approved high school courses. Certain high school career and technical education courses, identified by a \*T or logo symbol in the course title, meet the same entry-level requirements of comparable college courses at local Community and Technical Colleges. Students who take College Tech Prep courses may earn both high school and college credit provided the student demonstrates proficiency in the identified college course competencies with a "B" or better grade. Students who have successfully achieved the criteria will complete the College Tech Prep/Dual Credit registration process. Students may be charged a one-time "transcript fee" of \$25 (required with the first request only); the fee allows the college to create an academic transcript for the student. Fee waivers are available for students who might need financial assistance with the payment (see counselor for more information). Registration for college credit must be completed during the same academic year the course was taken at the high school. At the end of the school year, students may request a copy of their college transcript indicating the number of college credits earned and grades received for each College Tech Prep course completed.

For students who continue with their college education after high school graduation, the College Tech Prep courses/credits may apply to elective or core requirements, depending upon the student's major. If students choose to attend a college other than Bellingham Technical College or Whatcom Community College, they should request that an official transcript be sent to the college/university admissions office for "credit evaluation" to determine if credits will apply to elective or specific program requirements. The College Tech Prep program is primarily intended for students pursuing two-year technical education degrees in Washington's community and technical

# OCCUPATIONAL/CAREER AND TECHNICAL EDUCATION

1.0 Credits Required for Graduation

(\*T) Tech Prep Direct College Credit: High school students enrolled in approved College Tech Prep (\*T) classes may earn both high school and college credit. For more information, contact the teacher of a (\*T) Tech Prep class or staff in the Career Center or Counseling Office.

## Business and Marketing

## Grade Level

Technology Connections (*T)	9			
Accounting 1 and 2 (*T)		10	11	12
Personal Finance & Investing (*T)		10	11	12
Marketing	9	10	11	12
Marketing Advanced		10	11	12

## Family and Consumer Science Education

Surviving on Your Own (Consumer Education)		10	11	12
Health	9	10	11	12
Psychology of Children			11	12
Interior Design	9	10	11	12
Nutrition and Wellness (Meal Management)	9	10	11	12
Introduction to Culinary Arts (*T)			11	12

## Health Occupations

Health Care Services 1/Anatomy & Physiology (*T)			11	12
Health Care Services 2/Externship (*T)			11	12

## Technology Education

Construction Careers Academy (*T)			11	12
Design Engineering 1, 2	9	10	11	12
Design Engineering Advanced		10	11	12
Architectural Design		10	11	12
CAD/CAM Manufacturing		10	11	12
Video Productions (T*)		10	11	12
Video Productions Advanced (T*)		10	11	12
Video Game Design		10	11	12
Web Design 1 (*T)	9	10	11	12
Web Design 2 (*T)		10	11	12
Web Design Advanced (T*)		10	11	12

college system. Students should consult with four-year colleges or universities to determine specific credit transfer requirements.

Program information and registration instructions are available in the Career Center, Counseling Center, from the teacher of a College Tech Prep class, or visit the Whatcom Tech Prep website: <http://www.whatcomtechprep.org>

Program questions can also be e-mailed to: [techprep@btc.ctc.edu](mailto:techprep@btc.ctc.edu)

## BUSINESS EDUCATION

Courses in the Business Department are planned to provide a background of business principles and skills as a basis for vocational employment and college preparation.

### TECHNOLOGY CONNECTIONS (\*T)

**Course Code:** CTB 100

**Grade Level:** 9 if not completed in middle school

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** None

This course provides a foundation in the use of technology tools. Students complete performance demonstrations for eight modules and complete the career and educational planning module.

### ACCOUNTING 1 and 2 (\*T)

**Course Code:** CTB 201 or 202

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** Technology Connections

Students will learn the universal language of all businesses by experiencing how to set up and maintain records for a business using the double entry accounting method. Computerized accounting will be introduced in this class. Accounting is a must for any college-bound student planning to major in business administration. Students who complete the required competencies in Accounting 1 or 2 with a B grade or higher may qualify for both high school and college credit for the class.

### PERSONAL FINANCE AND INVESTING (\*T)

**Course Code:** CTB 405

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** None

Students asked for it — a class that deals with only real-life money issues. Everything taught in this class applies to real-life decisions regarding dollars. Topics include banking, investing in stocks and mutual funds, using credit wisely, handling taxes, buying insurance, budgeting and exploring careers. Students who complete the required competencies with a B grade or higher may qualify to receive both high school and college credit for the class.

### MARKETING

**Course Code:** CTB 121

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** None

This class will build on a solid understanding of careers in marketing, marketing concepts, retail math, and selling techniques and applying them to student created businesses. In addition, students will learn general marketing principles, pricing strategies, distribution skills, business ethics and social responsibility. Students will be provided the opportunity to participate in DECA activities. ASB card is required for DECA membership.

### MARKETING ADVANCED

**Course Code:** CTB 122

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** Marketing

Students will build on their business experiences by developing leadership and marketing skills and applying them to special areas of interest. Course content includes: promotion and advertising, business concepts, communications, financing, product service planning, selling and human relations. Students will continue a specialized study in their particular area of interest such as apparel,

advertising, retail merchandising and starting a business.

## FAMILY AND CONSUMER SCIENCE EDUCATION

All Family and Consumer Science classes fulfill occupational educational credit.

### PSYCHOLOGY OF CHILDREN

**Course Code:** CTF 201

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational or Elective

**Pre-requisite:** None

Students will study physical, emotional, social and intellectual development from infancy through school age. Topics include developmental stages, developmentally appropriate care, and health and safety. This class is designed to increase self-understanding and to provide students with childcare knowledge and skills. Students will have an opportunity to work with young children.

### SURVIVING ON YOUR OWN (CONSUMER EDUCATION)

**Course Code:** CTF 102

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational or Elective

**Pre-requisite:** None

This course will give students the skills necessary to be successful living on their own after graduation. Students will learn the following: how to find a career and impress employers at an interview; how to fill out a tax form and file taxes; how to open and manage a checking account; how to establish credit; how to buy insurance and which types are needed; and how to live independently in an apartment and much more.

## INTERIOR DESIGN

**Course Code:** CTF 115

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational or Elective

**Pre-requisite:** None

This course gives students hands-on learning to design interior spaces on a professional level. Students will learn the elements and principles of design including color, line, proportion and texture. Furniture design, selection and arrangement will be included. Scale drawings on graph paper will be taught in an easy-to-learn format. Students will use samples of carpeting, wallpaper, paint and fabrics to design a studio apartment for themselves as adults.

## NUTRITION AND WELLNESS: MEAL MANAGEMENT

**Course Code:** CTF 125

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational or Elective

**Pre-requisite:** None

This course is designed to teach students the skills and techniques necessary to prepare nutritious foods. Students will follow recipes that use ingredients from each section of the Food Pyramid. Kitchen equipment such as a microwave, stove, food processor, blender and pasta machine will be used. Personal nutrition analysis will show students any areas they need to improve on in their daily diet. Students have the opportunity to earn the food handler's permit in class.

## INTRODUCTION TO CULINARY ARTS (\*T)

**Course Code:** CTF 126

**Grade Level:** 11, 12 (10 with teacher permission)

**Length of Class:** Semester

**Credit:** .5 Occupational or Elective

**Pre-requisite:** Nutrition and Wellness Lab

**Fee:** One-time \$20 fee

This advanced course in food preparation uses the ServSafe National Food Safety and Sanitation curriculum to teach students to prepare food at an advanced level as they would as a prep-chef in a restaurant. Students will have the opportunity to earn college credit

for this course at Bellingham Technical College through the Tech Prep Program. This course offers excellent training for students interested in a career in food preparation and service.

# HEALTH OCCUPATIONS

## HEALTH CARE SERVICES 1 AND ANATOMY AND PHYSIOLOGY (\*T)

**Course Code:** CTH 100 or CTH 101 and SCI 510

**Grade Level:** 11, 12

**Length of Class:** Semester, 2 hours per day

**Credit:** Occupational/Science (1.0 Total Credit; .5 Science/Anatomy & Physiology; .5 Occupational). Offered Fall Semester only. **Pre-requisite:** Junior/Senior status; One year lab science (Biology preferred) and one year Algebra recommended; application required for admission to class. Applications are available through the Career Center or Counseling Office. Students may earn dual college tech prep credit at Bellingham Technical College and Whatcom Community College upon successful completion of all course outcomes with a B or better grade.

**Pre-requisite:** 1 year lab science (Biology preferred) and 1 year math (Algebra or higher). Students must be at least 16 years old, provide verification of testing negative on Tuberculin Skin Test (PPD) and have reliable transportation. St. Joseph Hospital and other community health providers have Drug-Free Workplace Policies and require students in programs affiliated with these sites to pass the same drug test required of their employees. Students must also pass the DSHS Background Authorization process through the WA State Patrol required of all health care related workers.

Health Care Services 1 meets daily from 7:30-9:25 a.m. at St. Joseph's Community Education Center. The course focuses on developing skills needed for health care professions. Students will participate in seminars and clinicals at medical facilities, investigate careers through informational interviews, job shadows, and tours,

and interact with guest speakers from the health field. Students will complete First Aid/CPR training, HIV/AIDS training for Health Occupations, and training in aseptic techniques, legal and ethical responsibilities for the medical profession and medical terminology.

## HEALTH CARE SERVICES 2 EXTERNSHIP (\*T)

**Course Code:** CTH 101, 102

**Grade Level:** 11, 12

**Length of Class:** Semester, 2 hours per day. Offered Spring Semester only.

**Credit:** Elective/1.0 Occupational. This course satisfies an Occupational Education graduation requirement. Students may earn dual college tech prep credit at Bellingham Technical College and Whatcom Community College upon successful completion of all course outcomes with a B or better grade.

**Pre-requisite:** Health Care Services 1/ Anatomy and Physiology.

This course focuses on the exploration of careers in health care. Students select areas of specialization and complete three short-term rotations working directly with a mentor for the specialty field. The class meets from 1-2:55 p.m. daily at St. Joseph's Community Education Center or at the clinical site. Students should have flexibility in after-school schedules to accommodate work schedules at clinical sites. In addition to the clinical rotations, students will present a final report of their externship experiences.

# TECHNOLOGY EDUCATION

## CONSTRUCTION CAREERS ACADEMY (T\*)

**Course Code:** CTB 450, 451, 460, 461

**Grade Level:** 11, 12

**Length of Class:** Year-long, 2 hours per day  
(1 to 3 p.m.)

**Credit:** 2.0 Occupational (360 hour  
program)

**Pre-requisite:** 1 year sequence of math  
(Algebra I or equivalent & higher); At least  
one semester of a construction-related  
“technical course.” The following course  
options are acceptable: Woodworking,  
Design & Construction, or Building  
Construction, CAD/Rhino, Drafting,  
Engineering Tech, Ag Mechanics,  
Manufacturing Tech, Architecture, or  
Welding; Recommended: at least one  
additional semester of a construction-  
related course. Application Required  
for Admission: available through  
Counseling Office or Career Center or  
on-line at: <http://www.whatcomtechprep.org>  
(Student section – Community  
Classroom)

Eligibility Requirements: see  
application and program fact sheet for  
details

Location: Meridian High School  
Campus

This program is offered to students  
through an inter-district cooperative  
agreement with all Whatcom County high  
schools. To participate in the program,  
students must travel to Meridian High  
School.

This program was developed in  
partnership with local construction  
industry organizations and employers.  
The Construction Careers Academy  
is a year-long program designed to  
prepare students for careers in the  
construction industry. Students study a  
nationally-recognized construction trades  
curriculum and participate in hands-  
on building related activities. Career  
preparation is emphasized through  
industry presentations and worksite  
tours. Students learn about worksite  
safety, construction math, safe use of

hand and power tools, blueprints, and  
rigging techniques. Construction projects  
include, but are not limited to, framing,  
roofing, siding, stairs, rafters, and some  
finish work. The program helps students  
explore a variety of construction-related  
career opportunities, develop appropriate  
work readiness skills, and prepare to enter  
construction-related apprenticeships,  
postsecondary education programs or  
entry-level jobs. During the last 12 weeks  
of the school year, students will participate  
in paid internships coordinated by the  
local Associated General Contractors  
and Building Industry Association  
organizations. With successful completion  
of the program, students will receive a  
national, industry-recognized certificate  
of training completion. Students are  
expected to maintain a C or better grade  
average in each semester of the course.  
Student’s who successfully complete all  
course outcomes with a B or better grade,  
qualify to earn college credit through the  
Tech Prep program.

## DESIGN ENGINEERING 1

**Course Code:** CTT 221

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** None

This course introduces students  
to computer-aided design (CAD) in  
both a two- and three-dimensional  
environment. Students will learn  
how to customize a modeling  
environment; create basic graphic  
objects-lines, circles, arcs, curves,  
solids and surfaces; draw with  
precision using coordinate input and  
object snaps; modify objects with  
edit commands; display any portion  
of the model; import and merge  
models; and render models. This class  
includes several design projects.

## DESIGN ENGINEERING 2

**Course Code:** CTT 222

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** Design Engineering 1

This hands-on course is more  
in-depth work in the design area.  
Students will learn advanced CAD  
features and be exposed to more  
design problems with multiple  
solutions. More in-depth time will be

spent on both rendering and lighting.  
Students will also be introduced to  
computer aided machine (CAM) and  
computer numeric control (CNC)  
in which students will design and  
mill parts in a two-dimensional  
environment. Each unit will end with  
a design project or solution to a real  
world problem.

## DESIGN ENGINEERING ADVANCED

**Course Code:** CTT 223

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational or Arts (May not  
be accepted at some universities for Arts  
credit)

**Pre-requisite:** Design Engineering 2

This course is project-based. The  
course will use several software  
packages that integrate both CAD  
and CAM. Emphasis on CAD/CAM/  
CNC will be in a three-dimensional,  
three-axis environment with milling  
surfaces rather than contours, and  
pockets that are done in the two-  
axis milling. The 3-D solid models  
will include advanced rendering  
techniques.

## ARCHITECTURAL DESIGN

**Course Code:** CTT 110

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational or Arts (May not  
be accepted at some universities for Arts  
credit)

**Pre-requisite:** Design Engineering 2

Based on specific criteria, students are  
required to design and draw on CAD  
software a complete set of plans for a  
single family dwelling, including floor plan  
sketch, conventional floor plan, site plan,  
roof plan, foundation plan, elevations  
and structural detail. This course may  
be repeated for additional occupational  
credit.

## CAD/CAM MANUFACTURING

**Course Code:** CTT 401

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** None

This course introduces students to the materials and processes of industrial mass production and will focus upon student-directed research and development. Students will design and build products that are solutions to problems. This class is geared around problem solving and competing in science related competitions both locally and nationally. Students will be involved in advertising, marketing research and sales appropriate to a small manufacturing business.

## WEB DESIGN 1 (\*T)

**Course Code:** CTI 507

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** Technology Connections

This class is an introduction to designing, creating and maintaining web pages. Students learn how to work with images, how to properly create Web pages, how to properly link Web pages and how to properly maintain Web pages. Course content will include proper file management, appropriate Web page design and layout/site appearance, incorporating and working with inline images/graphics.

## WEB DESIGN 2 (\*T)

**Course Code:** CTI 517

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** Web Design 1

This course is designed to challenge students with an interest in preparing for a career in Web Design and or continue in an advanced technical program at the college level. Students will develop and refine their skills, expanding their knowledge of graphic design as it functions in the commercial world. Emphasis will be on the development of advanced web design, utilizing tools and software for designing sites for local companies.

## WEB DESIGN ADVANCED (\*T)

**Course Code:** CTI 527

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** Web Design 2

This course is a continuation of Web Design 2. Students are expected to enter the class with proficiency and knowledge in HTML codes and a basic understanding of graphic design. The course is designed to meet the needs and proficiency level of the student and will emphasize individual projects. The course may be repeated for elective credits.

## VIDEO PRODUCTIONS (\*T)

**Course Code:** CTI 205

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** None

**Fee:** \$10

Video Productions is a one-semester course designed to introduce students to the process of creating an interesting and meaningful video piece. Students will explore the production process from concept to reality. Emphasis will be placed on communicating a clear message. Students will work both behind and in front of the camera and master a wide variety of talents using digital video technology. This class is a pre-requisite to Video Productions Advanced, and space is limited.

## VIDEO PRODUCTIONS

### ADVANCED (\*T)

**Course Code:** CTI 206

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Occupational

**Pre-requisite:** Video Productions

**Fee:** \$10

Advanced Video Productions is designed for students who have more than a passing interest in the field. The emphasis will center on the student's desire to explore more complex uses of the technology. This includes graphics, live production and longer pieces of work. Students will be challenged to use the technology in more subtle ways, exploring innovations that they may not have considered before.

## VIDEO GAME DESIGN (\*T)

**Course Code:** CTI 450, 451

**Grade Level:** 10, 11, 12

**Length of Class:** Year-long (daily 7:30 - 9:25 a.m.)

**Credit:** 1.0 Mathematics or .5 Arts and .5 Occupational

**Pre-requisite:** Algebra I and application process

Turn your passion for video games, art/graphic design or technology into a future career in the multi-billion-dollar video game industry. This class is taught at Sehome High School in cooperation with the Digipen Institute of Technology. A state-of-the-art computer lab provides learning opportunities in game analysis, game design, creation of characters and their environments, low-polygon modeling, and file limitations. Other content covered will be the C++ programming language, algebra, geometry and trigonometry concepts, along with game production using the FunEditor.

This program is offered through an interdistrict, cooperative agreement with the Tech Prep Consortium schools (Community Classroom Program). Students from all Whatcom County high schools are able to participate in this unique program via an application process. Students must provide their own transportation to/from Sehome High School.

# SPECIAL EDUCATION

Students with disabilities who are on an Individual Education Program receive specially designed instruction to reach their transition goals. Collaboration with students, parents/guardians, administration, general education staff and numerous community agencies is an important component. Teachers team with general education staff and provide in-class student support. Students will be held to general education requirements unless the Individual Education/Transition Program specifies designed graduation requirements.

## TRANSITION PLANNING

**Course Code:** SPE 214

**Grade Level:** 10, 11, 12

**Length of Class:** Semester; may be repeated

**Credit:** .5 Elective

**Pre-requisite:** Teacher permission

Letter grade. Teacher assignment for 10, 11 and 12th grade students. This course is designed to allow students to explore the vocational, self-advocacy and life skills necessary to be successful in their future. This class supports students who will be entering the world of work after high school and allows them to maximize their vocational and academic successes.

## MATH SKILLS

**Course Code:** SPE 202

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester; may be repeated

**Credit:** .5 Mathematics

**Pre-requisite:** Teacher permission

Letter grade. This class is designed to meet students' IEP goals for mathematics by teaching counting, place value, addition, subtraction, multiplication, division, fractions, money, change making, measurement (both English and metric), graphs, decimals, percentages and consumer-buying problems. These classes meet the mathematics requirements for some special education students.

## ENGLISH SKILLS

**Course Code:** SPE 204

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester; may be repeated

**Credit:** .5 English

**Pre-requisite:** Teacher permission

Letter grade. This is a class offering instruction in reading and written language. The class is designed to provide direct instruction in decoding skills and comprehension strategies for students who demonstrate a need in these areas. In addition to developing these basic reading skills, instruction is provided in reading strategies, high frequency spelling words and vocabulary. Students are exposed to a variety of writing forms as they are instructed in the writing process and the six traits of writing.

## MATH APPLICATIONS

**Course Code:** SPE 209

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Mathematics

**Pre-requisite:** Teacher permission

Letter grade. This class is designed to provide students with direct instruction in functional math skills. In-class instruction is applied to real-life situations in the community. This class is directly linked to Reading Applications and should be taken concurrently. See Reading Applications course description for more details.

## READING APPLICATIONS

**Course Code:** SPE 208

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 English

**Pre-requisite:** Teacher permission

Letter grade. This class is designed to provide students with direct instruction in functional reading skills. In-class instruction is applied to real-life situations in the community. Community outings focus on transportation, work and school, interpersonal relations, physical assistance, home living, recreation and leisure, medical and

health, and money. This class is directly linked to Math Applications and should be taken concurrently.

## LEARNING STRATEGIES

**Course Code:** SPE 210

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Elective

**Pre-requisite:** Teacher permission

Pass/Fail/Letter grade options per student contract with teacher. This class is designed to help students who need support to improve academic achievement in their general education classes. A portion of the class is devoted to teacher directed learning and organizational strategies. Students will use their IEP's to focus on self-determination skills: goal setting, self-advocacy techniques, disability awareness, accommodations and lifelong-learning skills. They will practice these skills in preparation for independent living. Students should demonstrate a desire to succeed academically.

## VOCATIONAL EXPERIENCE

**Course Code:** SPE 207

**Grade Level:** 10, 11, 12

**Length of Class:** Semester; may be repeated

**Credit:** This course satisfies an elective credit for students meeting general education requirements or a designed credit for students with designed graduation requirements.

**Pre-requisite:** Teacher permission

Students participate in a variety of different job-readiness activities and/or job placements. These activities may include: writing a cover letter and resume; filling out a job application; participating in job shadowing or informational interviews; completing a job search curriculum; and taking vocational assessments. Students may also participate in a variety of work-based situations giving them an opportunity to explore different career interest areas. Students may also enroll if they are working in paid positions or non-paid work-based training settings.

## ADAPTIVE PE

**Course Code:** SPE 129

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 P.E.

The fundamentals of throwing, catching, kicking, striking, balancing, running and stretching will be taught in a class exclusively designed for the developmentally delayed population. Fitness and sport units will be modified to meet the needs of students in order to facilitate the student's success in physical education.

# DISTRICTWIDE PROGRAMS

## LIFESKILLS

**Course Code:** SPE 113

Lifeskills is a districtwide program located at Bellingham and Sehome high schools. Students receive instruction in the areas of functional academics, communications, social skills, motor skills, daily living, and vocational training. Emphasis is placed on community-based instruction and transition from school to adult life. Placement in the Life Skills program is determined by the student's IEP team. Pass/fail.

## BRIDGES

**Course Code:** SPE 112

This is a districtwide program located at Squalicum High School. The program assists students who are developing appropriate social and emotional behaviors as well as academic skills. Students are able to earn academic credit on an individualized basis through a contract learning method. The student's IEP team determines student placement and course of study in this program. Pass/fail.

## COMMUNITY TRANSITIONS

**Course Code:** SPE 111

Pass/fail or letter grade.

Community Transitions is a district program located at 2015 Franklin Street. Community Transitions assists young adults transitioning from high school to adult living situations. Program components include instruction and support to students in vocational and academic settings to encourage independent living. Instruction is offered individually and in small groups to assist students in completing their transition plans. The student's IEP team determines student placement in this program. Recommended eligibility for this program includes:

- 1) 4 years of high school attendance
- 2) minimum of 10 high school credits earned
- 3) age of 18 years
- 4) incomplete transition goals and objectives

# OTHER CREDIT OPPORTUNITIES

## CULMINATING PROJECT

**Course Code:** CUL 400, 401

**Grade Level:** 12

**Length of Class:** Semester

**Credit:** .5 English Elective

**Pre-requisite:** None

This course will assist students in completing all five components of the culminating project, a graduation requirement. Each student will increase skills in the areas of reading, writing, listening and speaking. This course will include lessons in planning and organizing long-term projects, enhancing scholarly writing skills, documenting formal papers through Modern Language Association (MLA) format, researching through the Research Cycle, preparing for public speaking and developing reflective skills. In order to pass this class, students must complete their culminating project during

the semester in which they take the course, including doing their presentation.

## BICYCLING MAINTENANCE AND INDOOR CYCLING FITNESS

**Course Code:** ELE 200

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Elective

**Pre-requisite:** None

This course is designed with two goals in mind. First, to teach basic bicycle maintenance skills to allow the beginning mechanic to become a self-sufficient cyclist, and second, to introduce cycling for fitness for individuals interested in improving their aerobic fitness. It will start at a basic level and will allow students to monitor and progress at their own pace throughout the semester in both their understanding of maintenance techniques and cycling fitness.

## INDEPENDENT STUDY

**Course Code:** Varies - see counselor

**Grade Level:** 11, 12

**Length of Class:** Typically Semester

**Credit:** .5 Elective

**Pre-requisite:** Application process

Letter grade or P/F based on individual contract. Independent Study is designed for the student who is able to work independently of classroom direction. The student and teacher must develop a proposal for a program of study and obtain permission from the department chair and principal prior to enrollment. It is not intended as a means to receive credit for any class offered at Bellingham High School. No regularly scheduled classes may be taken through the independent study program, unless approved by the teacher, department chair and principal.

## LAB

**Course Code:** Varies by course

**Grade Level:** 10, 11, 12

**Length of Class:** Semester

**Credit:** Varying credit depending on individual plan

**Pre-requisite:** Counselor placement

P/F grade. LAB is a credit-retrieval program to help students gain credits. The type and number of credits varies depending on completed work. Students will work individually with a teacher to develop a course of study.

## LEADERSHIP

**Course Code:** LEA 100, 101

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Elective. Can be repeated for credit.

**Pre-requisite:** None

Letter grade. Providing training and experience in the skills of leadership, this class includes specific areas such as human relations, organization and decision making. This class is required for ASB officers and also for any other students interested in learning about and demonstrating leadership. Much of the course involves working on school and community service projects and therefore requires a commitment of considerable additional hours outside regular school time.

## SERVICE LEARNING

**Course Code:** SER 510

**Grade Level:** 9

**Length of Class:** Semester

**Credit:** .5 Elective

This course combines academic learning and authentic experiences within our local community. Working in teams, students determine areas of need in our community, create projects to meet those needs, and use academic skills and knowledge learned at school to effect real change in the world around them. As the class is team-taught, students will also receive individualized attention from a math teacher and an English teacher throughout the semester to supplement skill-building in their content area classes.

## SPEECH

**Course Code:** ENG 617

**Grade Level:** 11, 12

**Length of Class:** Semester

**Credit:** .5 Elective

Letter grade. Students leaving this class will feel comfortable presenting in front of a group of people and have the skills to make an effective presentation. While the course will include writing and researching, the

main focus will be speaking and presenting. The course will progress from informal speeches involving little preparation to more rehearsed presentations. Speeches may include, but will not be limited to demonstrations, personal narratives, job interviews, show and tells, and debates.

## READING AND WRITING WITH SUPPORT

**Course Code:** ENG 303/304

**Grade Level:** 11, 12

**Length of Class:** Semester

**Credit:** .5 Elective

**Pre-requisite:** Junior or senior status and has not yet met standard on high reading assessment

This class is designed to help students gain the grade-level skills they need in order to pass the reading and writing portions of the state assessment, a state graduation requirement. This class is specifically designed for students who have taken, but not yet passed, the state's reading and/or writing assessments.

## YEARBOOK

**Course Code:** ENG 608

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Year-long

**Credit:** 1.0 Occupational or Arts (May not be accepted as Arts credit at colleges and universities)

**Pre-requisite:** Application process

Letter grade. Students are expected to make a year-long commitment when they enroll in yearbook. Yearbook combines writing, design, sales, photography, desktop publishing and layout skills to produce the school annual. Students are chosen for ability, enthusiasm, self-motivation and commitment. Students will need to work beyond the school day (after-school and on weekends) during deadline times.

## STUDENT ASSISTANT: TEACHER

**Course Code:** STA 104

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Elective This class is Pass/Fail.

**Pre-requisite:** Application process

Student assistants work closely with a teacher in performing a wide range of

duties that are appropriate to the talents and abilities of the student, appropriate to the particular course and the teacher's needs in that course. The specific requirements to be met are designed and agreed to by both the student and the teacher. The specific procedures for entering the program are detailed on the application form obtained from the counselor. Students are limited to two teacher aide classes over a four-year period.

## STUDENT ASSISTANT: LIBRARY MEDIA

**Course Code:** STA 103

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Elective This class is Pass/Fail.

**Pre-requisite:** Application process

Student assistants will operate the computer system to check materials in and out, process new materials, perform data entry and edit existing records for books and students. In addition they will maintain shelves and files, answer phones, deliver equipment, and assist students and teachers using the library media center. Students will work either in the library area or the media area. This class may be repeated once for credit. See Student Assistant:Office.

## STUDENT ASSISTANT: OFFICE

**Course Code:** STA 101

**Grade Level:** 9, 10, 11, 12

**Length of Class:** Semester

**Credit:** .5 Elective This class is Pass/Fail.

**Pre-requisite:** Application process

Students will gain experience in general office duties. Office assistants will be responsible for greeting the public, taking and distributing messages, filing, compiling lists, mailings and answering phones. Regular attendance is mandatory. The class may be repeated for credit. Students are limited to two office aide positions over a four-year period. Exceptions require administrative approval.

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