

STANWOOD HIGH SCHOOL

Course Catalog



Home of the Spartans

2017-2018

College in the High School



What is the "College in the High School" (CHS) Program?

College in the High School program is a cooperative program between Stanwood High School and Everett Community College. The program allows high school students the opportunity to earn EvCC college credit while simultaneously earning their high school credit for approved advanced high school courses. Students are able to earn college credit because the work they perform in their high school course is equivalent to a similar course taught on campus. These college credits are accepted as transfer credits to all colleges and universities that normally accept credit from Everett Community College.

Which Stanwood High School classes qualify for College in the High School?

(See course descriptions in the English, Mathematics, Science, History and World Language sections)

English	Math	Science	History	World Language
CP English 11	AP Calculus AB	Chemistry	AP European History	German 2
CP English 12	AP Stats	AP Chemistry	AP US History	German 3
AP Literature and Composition	Honors Pre-Calculus	Physics	Honors US History Through Literature	Spanish 2
AP Language and Composition		AP Physics		Spanish 3
		AP Physics C		

How do students apply? Participation in the program is a 3-step process:

1. Apply for Admission to Everett Community College
2. Take the Compass Placement Test (if required to meet course prerequisites) \$30.00 Fee
3. Register and pay for the course.

Advantages of College in the High School

1. Each College in the High School course is five (5) college credits and costs \$210.00 The cost for an equivalent course taken at EvCC can be as much as \$534.00.
2. Textbooks are free and provided by the high school.
3. Students do not need to commute to Everett Community College.
4. Students attend class in familiar settings with qualified high school teachers who also qualify to teach college level courses.
5. Students can participate in high school extracurricular activities.

*Students who qualify for F/R Lunch may be eligible for a scholarship – See SHS counselor.

In the past, students taking an AP class who also enrolled in the College In the High School (CHS) program would have the course title indicate the AP course and would also get CHS credit as well as both an "A" and "C" for the course designation. Now the state mandate requires students to choose whether they will take the course for one or the other but not both. The main difference is when it comes to the transcript only. In other words, if a student chooses to pay for CHS, he/she will not have the AP title or designation on his/her transcript or vice versa. As an example, students in the AP English Literature and Composition class who sign up for CHS will have English 101 on their transcript, not AP Literature. So if a student enrolls for college credit in the CHS course, the student's transcript shows the CHS course title and designation code. It is important to note, the student would still have the option to take the AP exam as well.



What is Tech Prep?

Tech Prep courses align Career and Technical Education classes at Stanwood High School to courses offered at Everett Community College. The Tech Prep program creates an opportunity for students to **earn both high school credits** for graduation **while earning college credit**. EvCC's Tech Prep program is accessible to ALL high school students with no costs involved. Because there is no charge for college tuition and students do not need to purchase textbooks or provide transportation, the savings for students, parents and taxpayers is significant.

Why Take Tech Prep classes?

- Tech Prep students get a “jump start” on their college education and career plans.
- Tech Prep students save time and money by fulfilling degree requirements while still in high school.
- Tech Prep students are able to bypass entry-level college courses when they register at a community college.
- Tech Prep credits are guaranteed at Everett Community College and may be used at another community college or university, dependent on their admission criteria. Or, you may enter the military at a higher rank.

How Can I Get College Credit Now?

Enroll in a Tech Prep class at your high school. Talk to your teacher or Career & Technical Education Office if you're unsure. Earn a grade of “B” or better. During the 2015-2016 school year, over 200 students earned 1800 credits.

Need More Information?

Contact the Stanwood High School Career & Technical Education Office at (360) 629-1313.

COURSES 2017-2018

ARTS VISUAL, MUSIC, AND PERFORMING

ART I

Transcript Designation B
Course Code: PAA110
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: None
Required: Materials Fee \$10

This class is designed to give students of any skill level a foundation of understanding and practicing art as a form of creative expression. Students will have the opportunity to use several art mediums throughout the year. Drawing, painting, printmaking, and three-dimensional art are just a few. This class is designed as introduction to the creative process and will help to develop each student as a unique artist. Grades are determined by effort, completion of assignments, and improvement. This class is for those who love art and those who just want to try it out.

GLASS ART

Course Code: PAA215
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: Art 1 or Graphic Arts 1
Required: Materials Fee \$45

Learn basic straight and curved cutting techniques, pattern making, and lead and copper foil construction methods. Second-semester students will learn glass techniques as well as three dimensional construction methods, cutting complex glass shapes and work on larger pieces.

GRAPHIC ARTS I

Transcript Designation B
Course Code: VIS250
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: None
Required Materials fee \$30

This course introduces the student to conceptual and technical aspects of graphic design and illustration. Students develop the art of solving communication problems to address practical design problems encountered in creating advertising for the

current market place. Emphasis is placed on both technical and artistic proficiency.

GRAPHIC ARTS II

Transcript Designation B
Course Code: VIS350
Grade Level: 10, 11, 12
Credit: 1 CTE or Fine Arts
Prerequisite: Graphic Arts 1
Required Materials Fee \$30
Length of Class: Year-Long
The advanced graphic design course extends drawing, design, and computer technology skills as a means of communicating ideas. Students are expected to demonstrate effective project management skills.

AP STUDIO ART

Transcript Designation A, B
Course Code: VIS450
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: Graphic Arts 1 and instructor recommendation

AP Art is recommended for students who are interested in developing a portfolio for scholarship competition and college admission. Intended for the highly motivated student who is willing to devote considerable time and effort building a significant body of work for submission to the Advanced Placement Portfolio Exam. Students are responsible for the cost of specialized art materials and AP Exam fee.

PHOTOGRAPHY I

Transcript Designation B
Course Code: VIS260
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: None
Required: Materials fee of \$20.00

In Photography 1, students take photos for their class projects and also for the high school's yearbook. In addition, they process digital images using the latest version of Adobe Photoshop for high-quality printing and other web-based projects. A major emphasis of the class is operating a DSLR camera manually to understand how shutter speed and aperture work together to create proper exposures for different artistic effects.

PHOTOGRAPHY II

Transcript Designation B
Course Code: VIS360
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: Photography I and instructor recommendation
Required: Materials fee of \$20.00

In Photography II, students further refine the skills learned in Photography I and explore visual communications and different types of photography in greater detail. Students use Photoshop more extensively and also have the opportunity to do high-quality printing. Students will also be required to take photos at school events, which often occur after school, in the evenings, or on the weekends.

PHOTOJOURNALISM I

Course Code: BUS450
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
*Credit: 1 CTE or Fine Arts**
Prerequisite: None
Required: Materials fee of \$20.00 & USB Storage Device

This course is a combination of technical knowledge, artistic presentation, and the practical application of photography skills in a Journalism setting. Students will gain practical experience shooting events for Spartan activities. Although most coursework will be completed during class, students will be required to attend one event outside of the school day each semester (athletic events, club activities, art/music/drama related events). Topics include equipment selection, camera operation, lighting, exposure, night photography, and the theory of Black & White photography. Elements of Art (color, composition, and perspective) will be explored. Students will work with industry-standard photo editing software, Photoshop.

*Does not meet CADR's requirement.

MULTIMEDIA I

Course Code: BUS360
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts*
Prerequisite: None

Multimedia I course introduces the student to the different aspects of Multimedia/Visual Communications. Units include digital image editing with Photoshop, video production, motion graphics/animation, visual design, and audio production. Students will complete most work during class on the computers, but some video projects will require shooting footage outside of the school day.

This course provides relevant experiences and problem-solving skills that can be transferred to the world of work.

*Does not meet CADR's requirement

MULTIMEDIA II

Course Code: BUS460
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts*
Prerequisite: Multimedia I

Multimedia II students will build on the skills developed in Multimedia I. Focus will be on developing a digital portfolio of multimedia projects. Students should be motivated, focused and able to work independently; using problem-solving skills. Most video projects will require shooting footage outside of the school day.

*Does not meet CADR's requirement

YEARBOOK

Course Code: VIS444
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts*

Prerequisite: Complete Yearbook Application
Produce The Spartan Epic Yearbook using OnDesign 3 and Adobe Photoshop. Learn publication skills, interviewing, writing feature stories, designing layouts and taking photographs. The class produces The Spartan Epic and uses a variety of student talents including writing, editing, designing, selling and managing. Students must be willing to work occasionally on their yearbook assignments after school and at home to meet deadlines.

*Does not meet CADR's requirement

Fine arts graduation requirement credits are also available through equivalency courses in Career & Technical Education:

BUS340	Web Page Design
TEC440	Engineering Design I
AGR412	Mechanics Technology II
TEC450	Architecture II
AGR514	Floriculture
TEC220	Woodworking

See the Career & Technical Education "CTE" Section on page 16.

ACTING I AND II

Transcript Designation B
Course Code: PAA230
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: None

Introduction to acting and the theatre. This course emphasizes improvisation and scene work. Exploration of various theatre forms including pantomime and children's theatre. Second semester emphasizes script work in group and monologue form.

ACTING III AND IV

Transcript Designation B
Course Code: PAA235
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: Acting I & II or instructor permission

Advanced acting. This course emphasizes advanced script work/scene study from classic to modern. Second semester emphasizes advanced acting skills, directing, and study of theatre as a profession. Preparation of audition material (especially useful for auditioning for college scholarships).

TECHNICAL THEATER

Transcript Designation B
Course Code: PAA355
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: Acting I and II

Gain practical experience in the technical/backstage elements of theatre by working on school productions and seminars. Set design and construction, props, lights, stage make-up, costuming, publicity and stage/house management.

CONCERT BAND

Transcript Designation B
Course Code: MUS120
Grade Level: 9
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: None

This class is for 9th grade students who have completed 8th grade band. Students will review basic skills (scales, rhythms and theory) and audition for Symphonic Band during audition week in March/April. Study will be focused on musical theory, interpretation, listening, phrasing, blend and balance. Attendance is required at all concerts, festivals, competitions and other selected community performances (e.g. fall football games and graduation). All freshmen students are strongly encouraged to participate in the Spartan Marching Band. (If a student signs up for a spot in that ensemble they will be expected at all Marching Band related events and

rehearsals.) Registration for the Spartan Marching Band occurs in March. Some years the Spartan Band Program students have the (optional) opportunity to travel around the country for educational experiences at national music festivals and performance destinations.

SYMPHONIC BAND

Transcript Designation B
Course Code: MUS220
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts

Prerequisite: Concert Band (Student will be assessed for entrance by a short audition or previous director recommendation)

This class is for 10th grade students who have completed Concert Band. Continued study on musical theory, interpretation, listening, phrasing, blend and balance will be applied to higher levels of literature. Students will have the opportunity to audition for Wind Ensemble during audition week in March/April. Attendance is required at all concerts, festivals, competitions and other selected community performances (e.g. fall football games and graduation). All Symphonic Band students are strongly encouraged to be a part of the Spartan Marching Band. When a student earns a spot in that ensemble they will be expected at all Marching Band related events and rehearsals. Some years the Spartan Band Program students have the (optional) opportunity to travel around the country for educational experiences at national music festivals and performance destinations

PERCUSSION STUDIO

Transcript Designation B
Course Code: MUS330
Length of Class: Year-Long
Grade Level: 9, 10, 11, 12
Credit: 1 Fine Arts

Prerequisite: Percussion in middle school/previous director recommendation or by audition

This class is a multi-grade studio environment exploring performance skills and musical theory on percussion instruments. Emphasis is placed on all aspects of percussion (snare drum, mallets, timpani, auxiliary, marching percussion, and drum set). Attendance is required for all events that involve the ensemble including events for marching band, concert bands and percussion ensembles (e.g. fall football games, concerts, and graduation). In some years the Spartan Band Program students have the (optional) opportunity to travel around the country for educational experiences at national music festivals and performance destinations. All veteran Percussion Studio students (as well as most incoming Freshmen) are strongly encouraged to tryout to be a part of the

Spartan Marching Band. When a student earns a spot in that ensemble they will be expected at all Marching Band related events and rehearsals. ALL percussionists are in this class.

ACOUSTIC GUITAR

Transcript Designation B
 Course Code: MUS250
 Grade Level: 9, 10, 11, 12
 Credit: .5 Fine Arts
Semester Linked with Guitar Applications
 Prerequisite: None
 Required: Students to provide their own Classical, Acoustic or Folk guitar
 This class is an introduction to learning guitar. Students will gain knowledge in note reading, rhythms, chords and music theory. The students will be required to provide their own classical, acoustic or folk guitar.

GUITAR APPLICATIONS

Transcript Designation B
 Course Code: MUS260
 Grade Level: 9, 10, 11, 12
 Credit: .5 Fine Arts
Semester Linked with Acoustic Guitar
 Prerequisite: Students must provide their own guitar
 This class will explore the uses and functions of guitar. Projects will include, but are not limited to: song writing, composing, arranging, recording and music technology applications.

WIND ENSEMBLE

Transcript Designation B
—By Audition Only—
 Course Code: MUS320
 Grade Level: 11, 12
 Length of Class: Year-Long
 Credit: 1 Fine Arts
 Prerequisite: Symphonic Band (Student will be assessed for entrance by a short audition or previous director recommendation)
 For juniors, seniors and select sophomores, who qualify by audition
 The wind ensemble is a wide band of balanced instrumentation chosen on the basis of the student's musical competence and work ethic. The wind ensemble will study and perform the best in wind band literature available. There will be continued study in musical theory, interpretation, listening, phrasing, and blend balance. Attendance is required at all concerts, festivals, competitions and other selected community performances (e.g. fall football games and graduation). All Wind Ensemble students are expected to perform as a part of the Spartan Marching Band. Some years the Spartan Band Program students have the (optional) opportunity to travel around the country for educational experiences at national music festivals and performance destinations.

JAZZ BAND

Transcript Designation B
—By Audition Only—
 Course Code: MUS325
 Grade Level: 10, 11, 12
 Length of Class: Year-Long
 Credit: 1 Fine Arts
 Prerequisite: Audition Process
 Required: Concurrent enrollment in MUS120, MUS220 or MUS320.
 This course meets during 0 Period in the morning before school. Mon/Tues/Thurs/Fri @ 6:30 a.m. Wed @ 8:00 a.m.
 Jazz Band is an opportunity for students already in band to expand their musical awareness into areas of classic and contemporary Big Band/Combo jazz literature. Students gain skills in jazz improvisations and will be able to identify and perform differing jazz styles. Students must be enrolled in another band and secure the approval of the director. Students are expected to attend all rehearsals, festivals, and concerts for the year. Some years the Spartan Band Program students have the (optional) opportunity to travel around the country for educational experiences at national music festivals and performance destinations.

The district provides the following: facilities, equipment of major expense (major concert percussion instruments, marching percussion instruments, specialized percussion equipment/sticks/mallets, tuba, piano, bassoon, euphonium, and baritone saxophone) and band uniform.
 The student is responsible for providing instrument if playing the piccolo, flute, clarinet, oboe, alto and tenor saxophone, trumpet, trombone, and basic percussion kit (equipment/sticks/mallets); marching shoes and black socks for band uniform.

CHAMBER CHOIR

Transcript Designation B
— By Audition Only—
 Course Code: MUS300
 Grade Level: 10, 11, 12
 Length of Class: Year-Long
 Credit: 1 Fine Arts
 Prerequisite: Audition/instructor permission
 Chamber Choir is a performance-based class intended for auditioned 10th through 12th graders. It is designed to be a well-balanced, high-quality soprano, alto, tenor, bass choir. Chamber Choir tours, competes in large group choral competitions, and has numerous performances annually.

WOMEN'S CHOIR

Transcript Designation B
 Course Code: MUS210
 Grade Level: 9, 10, 11, 12
 Length of Class: Year-Long
 Credit: 1 Fine Arts
 Prerequisite: None
 Women's Choir is a performance-based class for women singers in the soprano and alto range. The group has approximately six performances per year.

JAZZ ENSEMBLE

—By Audition Only—
Transcript Designation B
 Course Code: MUS225
 Grade Level: 10, 11, 12
 Length of Class: Year-Long
 Credit: 1 Fine Arts
 Prerequisite: None
 Jazz Ensemble is an opportunity for students already in choir to expand their musical awareness into the areas of rock and jazz music. Students must be members of choir and secure the approval of the director. Students are expected to attend all rehearsals and concerts and participate for the year.

ENGLISH

ENGLISH 9

Transcript Designation B
 Course Code: ENG110
 Grade Level: 9
 Length of Class: Year-Long
 Credit: 1
 Prerequisite: None
 Freshman English is a required course that will focus on literature, writing, and grammar. Students will read a variety of literature including short stories, poems, nonfiction pieces, plays, and novels. Literary terms, such as theme and conflict, will be used to discuss and analyze the literature pieces. Writing proficiency will be improved through journaling, grammar study, and essay writing. Communication skills will also be emphasized in group work and presentations.

ENGLISH 9*

Transcript Designation: B
 Course Code: ENG111
 Grade Level: 9
 Length of class: Year-Long
 Credit: 1
 Prerequisite: Students will be invited based on identified markers at the end of eighth grade.
 This course will serve as student's English 9 credit. It will follow the SHS English curriculum with intentional support for

developing and strengthening students reading and writing skills. Additionally, a focus will be put on developing reading, participation and study strategies to support success in a language arts class.

ENGLISH 10

Transcript Designation B
Course Code: ENG210
Grade Level: 10
Length of Class: Year-Long
Credit: 1
Prerequisite: None

Sophomore English is a required course consisting of an introduction to poetry, the short story, the novel and drama as forms of literature. Units in the library are included to provide the student with research skills and to acquaint him/her with a variety of sources used in the research process. The course develops writing skills and students are required to demonstrate proficiency in reading and writing for a variety of purposes.

HONORS ENGLISH 10

Transcript Designation H, B
Course Code: ENG220
Grade Level: 10
Length of Class: Year-Long
Credit: 1

Prerequisite: B+ or higher grade in both semesters of English 9; application is required. Completion of summer reading/writing assignment is required. This course is another option for fulfilling the sophomore English requirement. Honors English 10 is a comprehensive, in-depth course geared for students interested in challenging themselves with a rigorous program of reading, writing, discussion, and close study of literature. Course study includes selections from classical world literature through modern fiction, memoir, and poetry. Students are encouraged to develop clear, precise written and oral communication skills through composition, speech, and class discussion.

ENGLISH 11

Transcript Designation B
Course Code: ENG310
Grade Level: 11
Length of Class: Year-Long
Credit: 1
Prerequisite: None

The coursework consists of a survey of American Literature, poetry and drama. Incorporated into these studies will be development of writing skills, group and individual analysis, speech and presentation skills. Students are expected to work on reading skills daily. An important component of English 11 is the development of college level reading, writing, speaking, and analyzing skills.

COLLEGE PREP ENGLISH 11



College in the High School
10 credits
Transcript Designation B, H, C
Course Code: ENG318
Grade Level: 11
Length of Class: Year-Long
Credit: 1

Prerequisite: Completion of English 10 with a B- or better; Honors English 10 with a C or better

This class is designed to help students prepare for college-level academic work. Coursework consists of a survey of American Literature, poetry and drama. Incorporated into these studies will be development of writing skills, group and individual analysis, speech and presentation skills. Students are expected to work on reading skills daily. An important component of College Prep English 11 is the development of college level reading, writing, speaking, and analyzing skills. Students may earn up to 10 college English credits through EVCC while completing this course.

ENGLISH 12

Transcript Designation B
Course Code: ENG400
Grade Level: 12
Length of Class: Year-Long
Credit: 1

Prerequisite: None

The coursework consists of a survey of British Literature, poetry, and drama transitioning into more modern texts as the year progresses. Incorporated into these studies will be development of writing skills, group and individual analysis, speech and presentation skills. Students are expected to work on reading skills daily. An important component of English 12 is the development of college level reading, writing, speaking, and analyzing skills.

COLLEGE PREP ENGLISH 12



College in the High School
10 credits
Transcript Designation B, H, C
Course Code: ENG418
Grade Level: 12
Length of Class: Year-Long
Credit: 1

Prerequisite: Completion of English 11 with a B- or better or CP English 11 with a C or better

This class is designed to help students prepare for college-level academic work. Coursework consists of a survey of British Literature, poetry and drama transitioning into more modern texts as the year progresses. Incorporated into these studies will be development of writing skills, group and individual analysis, speech and presentation skills. Students are expected to

work on reading skills daily. An important component of College Prep English 12 is the development of college level reading, writing, speaking, and analyzing skills. Students may earn up to 10 college credits through EVCC while completing this course.

AP LANGUAGE AND COMPOSITION



College in the High School
10 credits
Transcript Designation: A, B
Course Code: ENG425
Grade Level: 11
Length of Class: Year-Long
Credit: 1

Prerequisites:

For incoming 11th graders:

***Completion of a summer reading/writing assignment**

This is a college-level, year-long course designed to help students analyze sophisticated texts with confidence and develop a more mature writing style. The reading assignments come from various time periods and focus heavily on essays, speeches, and other non-fiction, including non-fiction novels. We will engage in discussions of the texts and develop both informal and formal compositions in a variety of modes. Special attention will be given to the process of writing, including timed writing for exams.

Students can expect regular homework assignments and a fairly heavy reading load. Participation and regular class attendance is mandatory. This course is an opportunity for you to think more critically about the power of language and how it shapes our world, as well as a chance to improve your skills in using language in powerful ways. Students are expected to take the AP exam for Language/Composition given in May, which may earn them college credit. Students may earn up to 10 college English credits through EVCC while completing this course.

AP LITERATURE AND COMPOSITION



College in the High School
10 credits
Transcript Designation A, B
Course Code: ENG430
Grade Level: 12
Length of Class: Year-Long
Credit: 1

Prerequisites: **Completion of a summer reading/writing assignment** This is a college-level, year-long course with a focus on literary analysis of poetry, drama, and fiction. Literature surveyed will span Anglo-

Saxon epics through the 21st century. Participating in small and large group discussions and practicing advanced composition skills are a regular classroom practice, including timed in-class essays. Students should expect a heavy reading load (nightly homework) and a rigorous pace of assignments. This course is an opportunity to broaden your reading tastes, challenge yourself, and sharpen your critical thinking skills. Students will be expected to take the AP Literature & Composition exam in May, which may earn them college credit. Students may earn up to 10 college English credits through EVCC while completing this course.

STUDENT NEWS MEDIA

Transcript Designation: B

Course Code: ENG329

Grade Level: 10-12

Length of Class: Year-Long

Credit: 1 elective; 1 English credit for Seniors

only Prerequisite: B- or better in previous English class

Production of the Spartan Spectrum, SHS's student news organization. Students work collaboratively to explore and apply journalism skills including ethics, writing, editing, design, and multimedia.

*NOTE: This course may receive CHS credit pending EvCC approval.

HEALTH AND FITNESS

HEALTH 9

Course Code: PEH111

Grade Level: 9

Credit: .5

Semester Linked with P.E. 9

Prerequisite: None

Health is required for all 9th graders and is a graduation requirement. The 9th grade year is a time of many changes and many decisions. Health is designed to help students learn about their changing bodies, to aid them in maintaining optimum health as a life-long process, to show students how to take responsibility for making healthy choices. Units include: mental health, stress, self-esteem, peer pressure, refusal skills, decision-making, nutrition, sexuality, smoking, alcohol, and drugs. This class will include the Health and Fitness Classroom Based Assessments.

PE 9

Course Code: PEH112

Grade Level: 9

Credit: .5

Semester: Semester/Linked with Health

Prerequisite: None

Required: P.E. Uniform

This class focuses on the development of physical fitness, an individualized FITT plan, and a better understanding of team and individual activities. You will also focus on the ability to work with peers and gain the knowledge, skills and confidence to make positive decisions, which promote a physically active and healthy life. Activities will include: team and individual sports and physical fitness/conditioning. Written rules, skills and fitness tests may be given in all units.

9th WEIGHT TRAINING

Course Code: PEH120

Grade Level: 9

Credit: .5

Length of Class: Semester

Prerequisite: None

Required: P.E. Uniform

This class is designed to introduce students to the high school conditioning and strength program. This is a rigorous class and students are expected to work at high levels of intensity in both running and weight training. Students will be graded on their daily performance as well as their improvements in strength, cardiovascular endurance, speed and agility. All students are welcome, but in particular, student athletes are encouraged to take this class.

WEIGHT TRAINING

Course Code: PEH313

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: PE 9

Required: P.E. Uniform

This class is focused on developing an individualized fitness plan focused on the five components of fitness. Students will gain knowledge in overall body conditioning, nutrition and the importance of developing the major muscles needed to maintain a healthy lifestyle. It consists of weight room training 3-4 days a week and 1-2 days of conditioning activities which may include circuit/interval training, plyometric training, running and jumping rope. All students are welcome, but in particular, student athletes are encouraged to take this class.

ZERO PERIOD WEIGHT TRAINING

Course Code: PEH320

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: PE 9

Required: P.E. Uniform

This class is focused on developing an individualized fitness plan focused on the five components of fitness. Students will gain knowledge in overall body conditioning, nutrition and the importance of developing the major muscles needed to maintain a healthy lifestyle. It consists of weight room training 3-4 days a week and 1-2 days of conditioning activities which may include circuit/interval training, plyometric training, running and jumping rope. All students are welcome, but in particular, student athletes are encouraged to take this class. This is an excellent class for those students whose academic schedule doesn't allow for a P.E. class during the day.

SPARTAN FITNESS

Course Code: PEH330

Grad Level: 10-12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: PE 9

Required: PE uniform and 1-inch, 3-ring binder

This class will give students opportunities to improve personal fitness levels in a variety of ways. The class focuses on the five components of fitness and providing students with skills to enhance a lifetime of health and fitness. Students will gain knowledge in overall body conditioning, nutrition, and the importance of developing the major muscles needed to maintain a healthy lifestyle. Students will gain knowledge necessary to track their fitness progress through out the year. Activities may include: circuit training, speed walking, step aerobics, floor aerobics, fitness programs, running, weight training, yoga, pilates, medicine ball training, and other core exercises. Grades are based on participation, effort, fitness plan development and fitness testing.

TEAM SPORTS

Course Code: PEH301

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: PE 9

Required: P.E. Uniform

This class provides the student with the opportunity to participate in team sports and focus on advanced skill development. Units may consist of volleyball, basketball, soccer, softball, flag football, team handball, and fitness/conditioning. General sport

knowledge as well as personal fitness will be emphasized. Grades are based on attendance, effort, attitude, fitness testing and game rules.

COMPETITIVE TEAM SPORTS

Course Code: PEH350

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: 9th PE

Required: P.E. Uniform

This class will provide students an opportunity for a more competitive team sports experience, similar to intramurals. Team sports such as Basketball, Flag Football, Team Handball, and Softball will be offered and explored in depth with a highly competitive focus. Tournaments and skill development for each sport will be taught as well as rules, strategies, sportsmanship, teamwork, and officiating. The five components of fitness will be taught within this class including Cardiorespiratory Endurance, Strength, Muscular Endurance, Flexibility, and Body Composition. Resting Heart Rate and Target Heart Rate concepts will be taught and students will track their progress throughout the year.

RECREATIONAL SPORTS

Course Code: PEH615

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: PE 9

Required: P.E. Uniform

This class will prepare students to make choices in their recreational/leisure activities for life. Activities may include badminton, tennis, softball, basketball, ping-pong, fitness/conditioning, and walking.

ADAPTIVE PE

Course Code: PEH100

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1.0

Required: P.E. Uniform

Adaptive PE is designed to enhance the gross and fine motor skills of each student. Students will participate in a variety of activities including individual and team sports skills as well as strength conditioning. Students will spend one day a week in the weight room.

* See page 7 for Peer-Tutor

MATHEMATICS

PRE-ALGEBRA

Transcript Designation Elective

Course Code: MAT108

Grade Level: 9

Length of Class: Year-Long

Credit: 1.0

Prerequisite: None

This is a math course to teach students the basic skills that will be needed to be successful in Algebra. This course does not count as one of the math courses required for graduation. Freshmen who did not pass 8th Grade Math should register for this course.

ALGEBRA I

Transcript Designation B, Q

Course Code: MAT110

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Pre-Algebra or 8th Grade Math

Algebra extends the arithmetic skills and concepts learned in middle school, providing a computational foundation, which is applied in Geometry and Algebra 2. Students will explore signed numbers, linear equations, simultaneous equations, quadratic equations, graphs, special products and factoring, real numbers, irrational numbers and inequalities. This course is a graduation requirement for the Class of 2015 and beyond.

GEOMETRY

Transcript Designation B, Q

Course Code: MAT220

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Algebra I

Geometry is an essential course for any student considering college. The course covers logic, inductive and deductive reasoning, forming proofs, congruence, similarity, polygons, construction, loci, coordinate geometry, transformations, area, volume, right triangles and an introduction to trigonometry. This course is a graduation requirement for the Class of 2015 and beyond.

ALGEBRA II

Transcript Designation B, Q

Course Code: MAT320

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Geometry, Algebra I

This is a highly recommended course for any student planning on college or university

education. The course covers real numbers, complex numbers, linear, polynomial and exponential functions, transformations, logarithms, and probability. This course is a graduation requirement for the Class of 2015 and beyond.

HONORS ALGEBRA II

Transcript Designation H, B, Q

Course Code: MAT330

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Geometry, Algebra I

This course satisfies a graduation requirement for all students and is strongly recommended for students who want to continue learning mathematics or are planning on a college or university education. The course covers more material and goes into more depth than Algebra II. It covers real numbers, complex numbers, linear, polynomial, exponential, radical, and rational functions, transformations, logarithms, matrices, and probability.

PRE-CALCULUS



College in the High School

5 Credits

Transcript Designation B, Q

Course Code: MAT421

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Algebra II

Pre-calculus is for students who plan to enter a 4 year university. The course covers mathematical reasoning, polynomial functions, inequalities, exponents and logarithms and their functions, analytic geometry, trigonometric functions and identities, complex numbers, and limits.

HONORS PRE-CALCULUS



College in the High School

5 Credits

Transcript Designation B, Q, C

Course Code: MAT430

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Algebra II

Honors Pre-calculus is for students who plan to enter a 4 year university AND would like to receive College In The High School credit. The course goes at a faster pace and more in-depth than the Pre-Calculus course. The course covers mathematical reasoning, polynomial functions, inequalities, exponents and logarithms and their functions, analytic geometry, trigonometric functions and identities, complex numbers, and limits.

AP CALCULUS AB



College in the High School

5 Credits

Transcript Designation A, B, Q

Course Code: MAT520

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Pre-Calculus

A year-long course designed to be equivalent to a rigorous year-long college calculus course. This course covers rates of change of functions, derivatives and their applications, integration and related applications, limits, and the calculus of transcendental function (inverse, logs and exponential). A feature of this course is a month of review prior to the AP test in May. Students are strongly encouraged to take the AP test for possible college credit.

AP CALCULUS BC

Transcript Designation A, B, Q

Course Code: MAT530

Grade Level: 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: AP Calculus AB

The AP Calculus BC course will be taught as a continuation of AB Calculus for students who have taken that course in their junior/sophomore years and/or students who have taken a calculus course at the college level. We will review the major concepts from AB Calculus to start the year and then continue on with the additional Calculus concepts covered under the BC curriculum in differential and integral calculus, and polynomial approximations and series.

AP STATS



College in the High School

5 credits

Transcript Designation: A, B, Q

Course Code: MAT550

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Algebra II

AP Statistics is a year-long course that gives students the opportunity to earn college credits. Statistics is important in many professions and is a key part in many sciences and political sciences. The course will cover the following topics: exploring data with both 1 and 2 variables, collecting data by planning and conducting a survey or experiment, finding and anticipating patterns by using probability, and estimating populations using statistical inference. Students are strongly encouraged to take the AP test for possible college credit.

EXPLORATION OF ADVANCED MATHEMATICS

Transcript Designation B, Q

Course Code: MAT510

Grade Level: 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Calculus

This is a year-long course that gives students who have passed Calculus the opportunity to experience the basic concepts of a variety of topics in mathematics including Non-Euclidean Geometry, Number Theory, Linear Algebra, Infinite Sequences and Series, Discrete mathematics, and Vector Calculus. The objective of this course is to give students a foundation in these topics so that they will be more prepared to take these courses in college and to make them more aware of the variety of types of mathematics.

PEER TUTOR

ADAPTIVE PE PEER TUTOR

Course Code: PEH100

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: None

Required: P.E. Uniform

Permission by Adaptive P.E.

instructor is required to be a Peer Tutor

Grade is based on the amount of interaction made with their student partner, participation in class, ability to work with their partner on skill development, game situations and fitness.

RESOURCE PEER TUTOR

Course Code: LAP101

Grade Level: 11-12

Length of Class: Year

Credit: 1.0

Prerequisite: Teacher/Case Manager

Permission

Resource peer tutors would need to be students with a grade point average of 3.0 or better, good attendance, ability to work well with others, and exhibit exceptional classroom behavior. Each peer tutor would help IEP students with their math, social studies, science or English homework, study habits, and appropriate classroom behaviors.

SCIENCE

**AGRICULTURE EDUCATION
SCIENCE courses are
described on page 16 and
meet Science requirements**

GEOLOGY/ASTRONOMY

Transcript Designation B, S

Course Code: SCI130

Grade Level: 9

Length of Class: Year-Long

Credit: 1 Lab Science

Prerequisite: None

Astronomy is an algebra-based semester course focusing on the Washington State Standards of physical and earth science with laboratory investigations included in each unit. It is paired up with Geology, another semester-long science course. The topics to be covered include universal motion and forces, energy transformations, stellar evolution, and Big Bang Theory. Students planning to take advance science courses in Physics and Chemistry should begin with Astronomy/Geology.

Geology is an algebra-based semester course focusing on the Washington State Standards of physical and earth science with laboratory investigations included in each unit. It is paired up with Astronomy, another semester-long science course. The topics to be covered include the composition of the Earth, Earth's evolution, and Earth's energy and Earth system. Students planning to take advance science courses in Physics and Chemistry should begin with Astronomy/Geology.

HONORS

GEOLOGY/ASTRONOMY

Transcript Designation H, B, S

Course Code: SCI140

Grade Level: 9-12

Length of Class: Year-Long

Credit: 1 Lab Science

Prerequisite: A in 8th grade Science

Limited seats will be available and students will be placed into the class based on middle school grades and test scores.

Honors Astronomy is an algebra-based course focusing on the Washington State Standards of physical and earth science with laboratory investigations included in each unit. The topics to be covered include universal motion and forces, energy transformations, stellar evolution, Big Bang Theory. The course will allow students to explore topics at a more challenging level. The accelerated pace allows for additional

H= Honors

B= CADR

T= Tech Prep

A= Adv Placement

C= College in the High School

Q= Quantitative

time to be spent on in-depth topics and enrichment activities.

Honors Geology is an algebra-based course focusing on the Washington State Standards of physical and earth science with laboratory investigations included in each unit. The topics to be covered include the composition of the Earth, Earth's evolution, and Earth's energy and Earth systems. The course will allow students to explore topics at a more challenging level. The accelerated pace allows for additional time to be spent on in-depth topics and enrichment activities. Students who plan to take AP science courses are encouraged to begin with Honors Geology and Honors Astronomy.

BIOLOGY

Transcript Designation B, S
Course Code: SCI210
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite: None

A laboratory science class focusing on the Washington State Standards of life science using scientific inquiry and problem-solving approaches. Topics include: The Nature of Life; Ecology; Cells; Genetics and Evolution. Class activities will use both quantitative and qualitative processes for data analysis. The class is an Algebra-based course. Biology is recommended preparation for students taking the Washington State Biology End of Course exam.

AP BIOLOGY

Transcript Designation A, B, S
Course Code: SCI280
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite:

***Successful completion of Honors Astronomy/Geology, Honors Physical Science or teacher recommendation**

***Completion of a summer assignment**

AP Biology at Stanwood High School is a course designed for students that have a strong interest in, or desire to pursue a career in, sciences. The AP Biology course is designed to offer students topics that are covered in a freshman Biology course at the university level. Students accepting the challenge of an Advanced Placement course will be required to actively participate in all lectures and laboratory activities that are conducted during the year.

Course content: Biology is a study of life. In this particular course we will attempt to cover all the topic areas found in the AP Biology Curriculum: Biological Chemistry, Structure and Functions of Cells, Biogenetics, Cellular Reproduction & Heredity, Molecular Biology, Adaptation, Diversity & Classification of Organ, Evolution of Plant Design, Structure, Function of Plants, Evolution of Animal Design, Structure, Function of Animals,

Ecology & Animal Behavior.

AP Biology also prepares students taking the Washington State Biology End of Course exam.

HUMAN BIOLOGY

Transcript Designation B, S
Course Code: SCI260
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite: Biology or teacher recommendation

This advanced biology course will include in-depth study of the major body systems in humans. A variety of teaching methods will be used, including dissection, problem-solving and inquiry. This course is recommended for any student who is thinking of a career in health sciences.

MARINE/ECOLOGY BIOLOGY

Transcript Designation B, S
Course Code: SCI250
Grade Level: 11, 12
Length of Class: Semester
Credit: .5 Lab Science
Prerequisite: Biology or teacher recommendation

This advanced biology course will help students prepare for college through an in-depth biological understanding of their environment. The emphasis will be on marine flora and fauna. The class will also conduct experimental projects each semester. Field trips to Church Creek will be held to collect data as part of a year-long study of the biotic and abiotic factors on that environment.

INTRODUCTION TO BIOTECHNOLOGY

Transcript Designation: B, S
Course Code: SCI340
Grade Level: 11, 12
Length of Course: Year-Long
Credit: 1 Lab Science
Prerequisite: Success completion of Biology or teacher recommendation

Strongly recommended: Completion or concurrent enrollment in Chemistry, Physics, Human Biology or Medical Terminology
 Biotechnology is an interdisciplinary field that involves the use of living organisms and processes in medicine, engineering, industry, forensics, environmental protection, and other fields. This course will introduce students to the concepts behind biotechnology; the types of techniques used, what products are made, and what jobs in biotechnology are like. A variety of hands-on laboratory activities will give students experience in basic biotechnology techniques.

CHEMISTRY


 College in the High School
 5 Credits

Transcript Designation B, S, Q
Course Code: SCI321
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite: Successful completion of Algebra & Geometry/Astronomy or teacher recommendation

A laboratory science class focusing on the National Standards for Chemistry. Topics include: atomic structure, gas laws, periodic table, the mole, chemical bonding, solutions, kinetics, energy, equilibrium, acids and bases, oxidation-reduction, nuclear chemistry. Class activities will use both quantitative and qualitative processes for data analysis.

AP CHEMISTRY


 College in the High School
 5 credits

Transcript Designation A, B, S, Q
Course Code: SCI380
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite: Successful Completion of Honors Geology/Astronomy, Algebra I or teacher recommendation

Major topics include matter and measurement, atoms, ions, nomenclature, stoichiometry, qualitative & quantitative chemistry, gases, periodicity, bonding, thermochemistry, ionic equations, equilibrium, acids & bases, oxidation & reduction, kinetics, electrochemistry.

PHYSICS


 College in the High School
 5 credits

Transcript Designation B, Q
Course Code: SCI422
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite: Successful completion of Algebra I

A laboratory science class focusing on the National Standards for Physics. Topics include: Newtonian mechanics and gravitation, work and energy, vibrations and waves, electricity and magnetism, and light. Class activities will use both quantitative and qualitative processes for data analysis.

AP PHYSICS 1

College in the High School
5 Credits

Transcript Designation A, B, S, Q

Course Code: SCI475

Grade Level: 11, 12

Length of Class: Year-Long

Credit: 1 Lab Science

Prerequisite: Successful completion of Algebra I, Honors Geology/Astronomy or teacher recommendation

Algebra-based is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits.

AP PHYSICS C

College in the High School
5 credits

Transcript Designation A, B, S, Q

Course Code: SCI481

Grade Level: 12

Length of Class: Year-Long

Credit: 1 Lab Science

Prerequisite: AP Physics 1

AP Physics C provides an in-depth development of the physics concepts and principles of mechanics and electricity and magnetism. The mechanics portion includes kinematics, Newton's laws of motion, work and energy power, systems of particles linear momentum, circular motion and rotation and oscillations and gravitation. The electricity and magnetism portion includes electrostatic, conductors and capacitors and dielectrics, electric circuits, magnetic fields, and electromagnetism. Laboratory work is an integral component of this course.

FORENSIC SCIENCE

Transcript Designation: B, S

Course Code: SCI350

Grade Level: 11, 12

Length of Class: Semester

Credit: .5

Prerequisite: None

Forensic Science is a semester long course that prepares students to become knowledgeable in utilizing scientific analysis for crime scene investigation. Students will apply this knowledge at the end of the semester as they design and then investigate a mock crime scene. The curriculum for this class will integrate the scientific principles of Biology, Chemistry and Physics. There is a strong emphasis on lab work. The forensic

protocol and lab work that will be covered throughout the course include toxicology (poisons and drugs), serology (blood and body fluids), odontology (teeth), DNA fingerprinting, hair and fiber analysis, fingerprinting, and document analysis.

SOCIAL SCIENCES (HISTORY)

WORLD HISTORY

Transcript Designation B

Course Code: HST211

Grade Level: 10 (9 if space available)

Length of Class: Year-Long

Credit: 1

Prerequisite: None

World History is a required, two semester course covering the development of the Modern World. Students will analyze the interaction of societies including political and economic systems, beginning with Age of Enlightenment and the French Revolution. Students will also explore the Industrial Revolution, Age of Imperialism and World Conflict in the 20th century. Emphasis will be placed on utilizing an inquiry approach to uncover and analyze evidence and answer enduring questions from the past. Each student will be expected to complete two classroom-based assessments prior to completing the course. This course will provide an important foundation for the Current World Problems course taken senior year.

AP EUROPEAN HISTORY

College in the High School
5 credits

Transcript Designation A, B

Course Code: HST430

Grade Level: 10

Length of Class: Year-Long

Credit: 1

Prerequisite: None

AP European History is a college-level survey course designed to examine the chronology, events, and trends of European history. The course will focus on the political, economic, religious, social, intellectual and artistic developments of Western Civilization from 1450 to the present. Emphasis will be placed on analyzing historical evidence and expressing historical understanding in writing. Individual and group projects, class seminars, and tests will be used to assess learning. Students are encouraged to take AP exam for possible college credit.

*A summer assignment is required and should be picked up from the teacher once registered in the course.

UNITED STATES HISTORY

Transcript Designation B

Course Code: HST310

Grade Level: 11

Length of Class: Year-Long

Credit: 1

Prerequisite: None

United States History is a required, two semester course detailing the rights and responsibilities of American citizenship. Students will analyze American rights and responsibilities, explore important foreign and domestic events and policies that have shaped, and continue to shape, US involvement in the world. Emphasis will be placed on utilizing an inquiry approach to uncover and analyze evidence and answer enduring questions from the past.

HONORS US HISTORY THROUGH LITERATURE

College in the High School
5 credits

Transcript Designation: H B

Course Code: HST315

Grade Level: 11

Length of Class: Year-Long

Credit: 1

Prerequisite: Completion of English 10 with a B- or better;

World History with a B- or better.

Honors United States History Through Literature is a two semester college-level survey course detailing the rights and responsibilities of American citizenship. Students will analyze American rights and responsibilities, explore important foreign and domestic events and policies that have shaped, and continue to shape, US involvement in the world. Emphasis will be placed on utilizing an inquiry approach to uncover and analyze evidence and answer enduring questions from the past. This course will also place a strong emphasis on the analysis and interpretation of four literary novels that have shaped history.

*A summer assignment is required and should be picked up from the teacher once registered in the course.

AP US HISTORY

College in the High School
5 credits

Transcript Designation A, B

Course Code: HST320

Grade Level: 11

Length of Class: Year-Long

Credit: 1

Prerequisite: None

This is a college-level course and students can, through good performance on the Advanced Placement exam, obtain college credit. This course will contain a great deal more reading than the regular History 11 course. Supplemental texts are used. Essay writing and research with a focus on analysis and synthesis of information will be the primary learning style for this course. Students are encouraged to take AP exam for possible college credit.

*A summer assignment is required and should be picked up from the teacher once registered in the course.

AP COMPARATIVE GOVERNMENTS

Transcript Designation A, B

Course Code: HST440

Grade Level: 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Teacher recommendation.

AP Comparative Governments is a college-level course that introduces students to concepts used by political scientists as they study the diverse political life and processes that affect global policy and economic change. The courses will utilize a comparison approach to analyze the past and present policies of China, Iran, Great Britain, Mexico, Nigeria, Russia and the United States.

*A summer assignment is required and should be picked up from the teacher once registered in the course.

CIVICS

Transcript Designation B

Course Code: HST420

Grade Level: 12

Credit: .5

Semester Linked with CWP

Prerequisite: None

Civics is a semester long course that encourages students to develop an understanding of how American government is structured and their role in upholding the ideals and values that have shaped the United States. The role of the citizen and special challenges confronting the United States will be explored in addition to the Constitution, Elections, Political Parties and Branches of Government. The course will be conducted through a variety of methods including individual and group projects, simulations, and audio/visual components.

Each student will be expected to complete a classroom-based assessment prior to the completion of the course.

CURRENT WORLD PROBLEMS

Transcript Designation B

Course Code: HST416

Grade Level: 12

Credit: .5

Semester Linked with Civics

Prerequisite: None

Students will study current global events read from newspapers, weekly news magazines, viewed in films and tapes, which will be discussed, debated and reviewed in small groups. Students will be expected to participate in an overview of macro and micro-economics. Quarter projects, which will include research on a world problem, will be required.

SOCIOLOGY

Transcript Designation B

Course Code: HST410

Grade Level: 11, 12

Length of Class: Semester

Credit: .5

Prerequisite: None

Sociology is the study of group human behavior. The emphasis of this course is on the theory of personality development. Other focus areas include: learning and memory, brain and nervous system, language, mental disorders and hereditary and environmental influences. Students are required to take tests, participate in group discussions and projects as well as a research project.

*May not be used for SHS History Requirement.

PSYCHOLOGY

Transcript Designation B

Course Code: HST412

Grade Level: 11, 12

Length of Class: Semester

Credit: .5

Prerequisite: None

Psychology is the study of individual human behavior. The emphasis of this course is on the theory of personality development. Other focus areas include: learning and memory, brain and nervous system, language, mental disorders and hereditary and environmental influences. Students are required to take tests, participate in group discussions and projects as well as a research project.

*May not be used for SHS History Requirement.

WORLD LANGUAGE

World Languages

Year-Long Elective

Recommendation: "B" average grade in

English/Language Arts

The goal of the World Language program is to prepare students for effective communication with speakers of a different language, an understanding of how different cultures affect language, and to provide skills to further academic language study. These life-long skills are important in the workplace and in the global society of the 21st century. Language study brings many academic and personal benefits; including increased success on standardized test scores, strengthened critical thinking, improved reading, writing and speaking skills, including in students' own language, an enhanced cultural respect and awareness, and a competitive edge in career and personal life. Instructional goals reflect the "5Cs": Communication, Cultures, Connections, Comparisons, Communities as outlined in Washington State K-12 World Language Learning Standards and the National Standards for Foreign Language Education. When communicating, students will demonstrate an understanding of the Culture(s), incorporate interdisciplinary topics (Connections), make comparisons between the native language and the target language and between cultures (Comparisons), and use the target language in real-life settings (Communities).

Stanwood High School offers German I-IV and Spanish I-IV and American Sign Language I and II. It is highly recommended that students complete two or more consecutive years of a foreign language in high school, and many competitive colleges recommend 3+ years. Students considering a language class need to be prepared to study outside of class and participate actively during class.

American Sign Language also fulfills the college entrance language requirement. Please refer to the "Career and Technical Education" department for course description.

GERMAN I

Transcript Designation B

Course Code: GER210

Grade Level: 9, 10, 11

Length of Class: Year-Long

Credit: 1

Prerequisite: None

German is an international language of literature, science, medicine, music, philosophy, technology, history, and art. This

course is an introduction to the German language and its culture and customs. The development of all four communication skills, listening, speaking, reading, and writing, is stressed although the first two will be emphasized. Furthermore, students will be able to reinforce their knowledge of other disciplines and compare the German language and culture to their own. Students will practice basic conversations about such topics as family and friends, hobbies and interests, food, school, clothing, and celebrations. Class will be conducted in German as much as possible.

GERMAN II



College in the High School
5 Credits

Transcript Designation B, C
Course Code: GER310
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1

Prerequisite: Successful completion of German I with a minimum C grade

The ability to read the literature published in the German language and to converse with considerable fluency and accuracy is the focus of the second year's study. Furthermore, level two will continue to develop cultural understanding, master essential grammatical concepts, and practice all four communication skills by presenting and obtaining information, interpreting written and spoken language, and exchanging opinions. Topics include sports, travel and transportation, animals, hobbies, and entertainment. Class will mainly be conducted in German.

GERMAN III



College in the High School
5 Credits

Transcript Designation B, C
Course Code: GER410
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1

Prerequisite: Completion of German II with a minimum C grade

In third year German, students are expected to master more complex grammatical patterns while practicing new vocabulary and conversing in German. Emphasis is placed on the students' independent production of spoken and written responses to given situations. Students will continue to learn about different aspects of German culture, such as everyday life, grocery shopping and cooking, festivals and holidays, health, traffic situations and driver's education, environmental issues and future challenges. Students have the option to take the German AP language test in May for possible college credit.

GERMAN IV

Transcript Designation B
Course Code: GER510
Grade Level: 11, 12

Length of Class: Year-Long
Credit: 1

Prerequisite: Successful completion of German III with a minimum C grade

In this course, all four communication skills will be equally stressed while students study vocabulary and grammatical structures from previous years' AP tests. Students will continue to study cultural aspects of German-speaking countries. Each quarter, students will work on a variety of research projects and presentations related to relevant and current German topics, such as European geography, history, and economy. Students will read, study, and analyze literature by noted German authors, such as Johann Wolfgang von Goethe, Friedrich Schiller, Thomas Mann, and Bertolt Brecht. All activities in the classroom will take place in German. Students are encouraged to take the AP German exam in May for possible college credit.

SPANISH I

Transcript Designation B
Course Code: SPA210
Grade Level: 9, 10, 11

Length of Class: Year-Long
Credit: 1

Prerequisite: None

Spanish is one of the most widely spoken languages in the world as well as the U.S. This romance language is reflected through the rich history and cultures of the people who speak it. Spanish I will introduce students to the Spanish language and culture using the four basic communication skills: reading, writing, listening, and speaking. Students will learn grammatical concepts and vocabulary needed for basic understanding and conversation. The class is conducted in Spanish as much as possible. Study topics include: alphabet and greetings, school and classes, family and friends, hobbies, weather, food, and a number of cultural aspects presented through music, art, and technology.

SPANISH II



College in the High School
5 Credits

Transcript Designation B, C
Course Code: SPA310
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1

Prerequisite: Successful completion of Spanish I with a minimum C

Spanish II builds on knowledge gained in Spanish I and will continue to emphasize all four communication skills through projects, discussions and interpreting the written and

spoken language of text, songs, and presentations. Students will expand their vocabulary and will be introduced to more advanced verb tenses and grammatical concepts. The class will be taught primarily in Spanish. Students are expected to communicate in Spanish for class discussions, and daily activities. Topics of study include: health, shopping, holidays, technology and tourist activities. Students will also further explore and understand Spanish media of today and cultural aspects of the Spanish-speaking world.

SPANISH III



College in the High School
5 Credits

Transcript Designation B, C
Course Code: SPA410
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1

Prerequisite: Successful completion of Spanish II with a minimum C

Third-year Spanish students will continue to master vocabulary, dialogues and grammatical patterns. Classroom activities will take place entirely in Spanish and all students are expected to use their Spanish both in and outside of class. Emphasis is placed on the students' independent production of spoken and written responses to given situations. Students will continue to learn about different aspects of the Spanish world and culture, such as everyday life, grocery shopping/cooking, festivals and holidays, and literary works from popular Spanish writers.

SPANISH IV

Transcript Designation B
Course Code: SPA510
Grade Level: 11, 12

Length of Class: Year-Long
Credit: 1

Prerequisite: Successful completion of Spanish III with a minimum C

The course will cover the vocabulary, grammatical patterns and the four communication skills found on the AP test. All classroom activities will take place entirely in Spanish. Students will read, study, and analyze literature by noted Spanish and Latin American authors, such as Miguel de Cervantes, Calderon de la Barca, Gabriel García Márquez and Vargas Llosa. Students are encouraged to take AP exam for possible college credit.

AMERICAN SIGN LANGUAGE I

Transcript Designation B
Course Code: ASL220
Grade Level: 9, 10, 11
Length of Class: Year-Long
Credit: 1 World Language or CTE
Prerequisite: None

Beginning class of American Sign Language offers an opportunity to learn to communicate with the deaf. Finger spelling, basic vocabulary, as well as some grammatical aspects of ASL will be covered. In addition, this course will provide an introduction to the deaf culture, signing systems used other than ASL, and the psychological aspects of deafness.

AMERICAN SIGN LANGUAGE II

Transcript Designation B
Course Code: ASL340
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 World Language or CTE
Prerequisite: ASL I

Students will continue to work on the grammar and structure of sentences in ASL, finger spelling and vocabulary. Emphasis will be placed on developing expressive vocabulary. Students will modify stories to ASL and will sign the story. This will be videotaped for others to watch. The class will only be taught in ASL. Students will be required to communicate in ASL.

CAREER AND TECHNICAL EDUCATION

CTE

AGRICULTURE EDUCATION

SCIENCE EXPLORATIONS IN AGRICULTURE (AG SCIENCE I)

Transcript Designation S B
Course Code: AGR110
Grade Level: 9
Length of Class: Year-Long
Credit: 1 CTE or Lab Science
Prerequisite: None

This course focuses on topics that include Scientific Method, Streams and Groundwater Systems, Earth Systems, Soil Systems, Applied Chemistry, and Applied Physics. Leadership and career skill readiness is imbedded in the curriculum. Curriculum is aligned to the current Next Generation Science Standards (NGSS). Science credit is earned upon completion. This is an Algebra based science. *Not NCAA Approved

ANIMAL SCIENCE

Transcript Designation S
Course Code: AGR215
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Lab Science, Biology
Prerequisite: None

Animal Science centers on the science of the animal. The biological approach is used to teach Cells and Tissues, Genetics, Reproduction and Breeding, Nutrition and Health. Students will also be involved in the safe handling of animals, and study the selection and marketing of various animals and their products. Focus is based on production agriculture. Leadership and career skill readiness is imbedded in the curriculum. This is an Algebra-based science.

*Approved for Biology credit due to State Course Equivalency

VETERINARY SCIENCE

Transcript Designation S
Course Code: AGR320
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Lab Science
Prerequisite: None

An activity driven course, which offers students the opportunity to explore veterinary science with an emphasis on technical skills required for job and career readiness.

Students will learn about animal anatomy, principles of disease cause and control. They will perform clinical exams on various species and how to safely handle the animals. Laboratory techniques used by a veterinary assistant will be practiced. Students will work with various animals as a regular part of this course. Leadership and career skill readiness is imbedded in the curriculum. *Not NCAA Approved

NATURAL RESOURCES I

Transcript Designation S
Course Code: AGR399
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Lab Science, Biology
Prerequisite: None

Students will explore the Life Science Core Ideas (as established by the National Next Generation and Washington Science Standards) while investigating and researching, hands-on, core content from the areas of Biodiversity, Ecosystems, Ecology, Soils and Land Management, Forestry, Human Impact on the Environment, Invasive/Endangered Species, Air Quality, Wildlife and Fisheries Management and Water Quality.

*Approved for Biology credit due to State Course Equivalency

MECHANICAL TECHNOLOGY IN AGRICULTURE I (MECH TECH I)

Transcript Designation T
Course Code: AGR312
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: None

This class is an introduction to mechanical technology in agriculture applications. Students will explore and apply techniques in arc welding, oxy-fuel, gas welding, small gas engines and residential electricity. Students will be required to use power tools while utilizing safety precautions in the shop as well as typical work force environments. Possible introduction in GTAW (TIG) and GMAW (MIG) welding, and light project construction.

MECHANICAL TECHNOLOGY IN AGRICULTURE II (MECH TECH II)

Transcript Designation T
Course Code: AGR412
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE, Ag Mech II 3rd Year or Fine Art credit

Prerequisite: Mech Tech I

A year-long course with instruction in career options, safety, power tools, practical surveying, agricultural structures, small gas engines and understanding and selecting electric motors. During course instruction students will develop advanced skills and techniques in electric arc welding, oxy-fuel gas welding, GMAW (MIG) welding, GTAW (TIG) welding, project planning and design. Students are required to work on semester-length projects for home and/or community.



HORTICULTURE (Plant Science)

Transcript Designation S
Course Code: AGR314
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Lab Science, Biology
Prerequisite: None

Horticulture centers on the science of the plant. The biological approach is used to teach Cells and Tissues, Genetics, Propagation and Plant Production, Disease and Pest Management. Students will be involved in the production of plants and plant materials, as well as their marketing and sale. Leadership and career skill readiness is imbedded in the curriculum.

*Approved for Biology credit due to State Course Equivalency

FLORICULTURE AND GREENHOUSE PRODUCTION (Floral Design)

Course Code: AGR514
Grade Level: 11, 12
Length of Class: Year-Long
*Credit: 1 CTE or Fine Arts**
Prerequisite: None

Students will develop career skills as they learn a variety of floral design techniques that are important for obtaining a job in the industry. The production, management, marketing and sale of floral and home landscape crops are part of the curriculum. Indoor and flowering plant design, maintenance and production will be included.