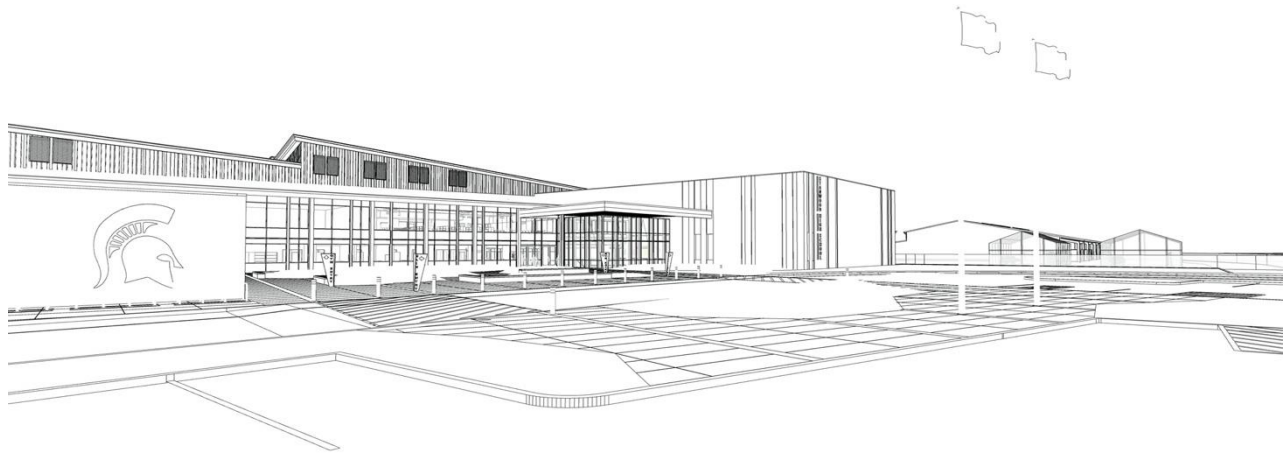


STANWOOD HIGH SCHOOL

Course Catalog



Home of the Spartans

2022-2023

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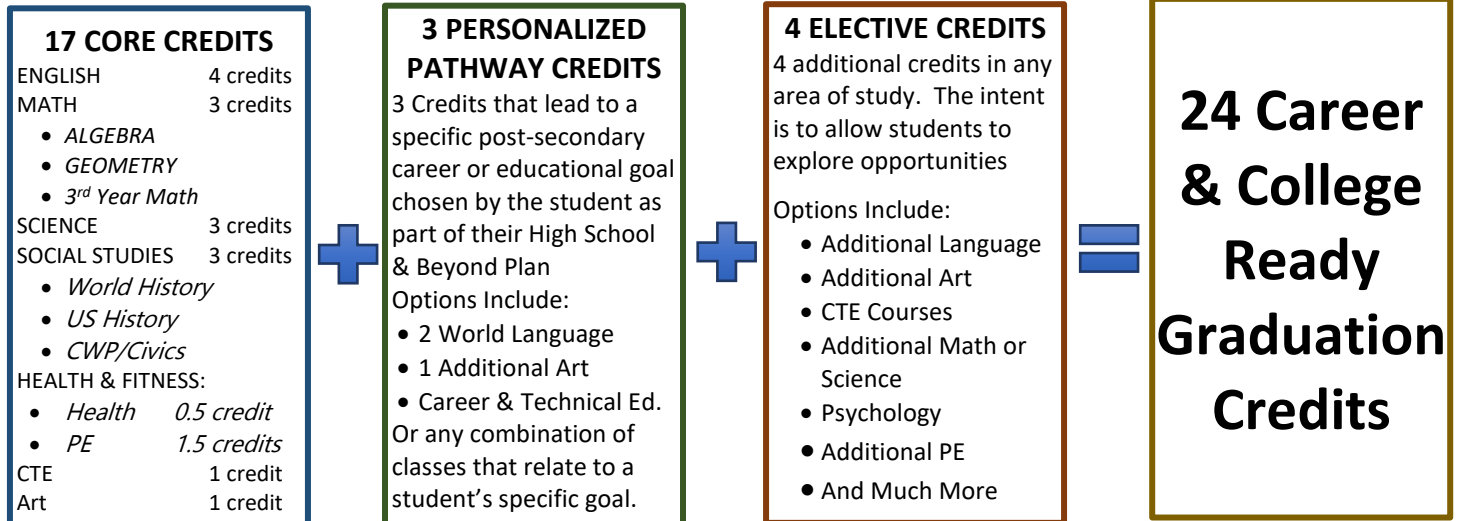
GRADUATION REQUIREMENTS

To earn a high school diploma, a student must complete these 3 components.

1. Complete a High School & Beyond Plan

This is a formal process designed to help students think about their future goals and how to achieve those goals. Students start developing their High School & Beyond Plan in the 8th grade and update it annually to accommodate changing interests or goals.

2. Complete 24 Career & College Ready Graduation Credits as follows:



3. Meet one of the following graduation pathway requirements:

A. Demonstrate College & Career Readiness in ELA and Math

Smarter Balanced (SBA) test in ELA and Math

The first pathway is to meet graduation cut scores on state tests. All students take the tests in 10th grade.
 (ELA ≥ 2548; Math ≥ 2595)

Additional ways to demonstrate in ELA

- ACT Writing (≥ 14)
- SAT (≥ 410)
- AP Exam (≥ 3) or Course Grade (≥ C+)
 - AP English Language
 - AP English Literature
 - AP Comparative Government
 - AP US History
 - AP World History
- Dual Credit ELA Course
 - College in the High School
 - Running Start

Additional ways to demonstrate in MATH

- ACT Math (≥ 16)
- SAT Math (≥ 430)
- AP Exam (≥ 3) or Course Grade (≥ C+)
 - AP Calculus
 - AP Statistics
- Dual Credit Math Course
 - College in the High School
 - Running Start
 - CTE Dual Credit

B. Demonstrate Career Readiness with a CTE Course Sequence

Students can meet this pathway requirement with a designated CTE Course Sequence following their high school & beyond plan.
 (See Next Page)

C. Demonstrate Armed Services Readiness with ASVAB Test Scores

Students choosing this pathway must meet the minimum score on the Armed Forces Qualification Test (AFQT), which is a component of the ASVAB.
 Min. Score: 31 for 2021-22




CTE GRADUATION PATHWAY SEQUENCES

To complete a CTE Sequence of Courses to meet the Graduation Pathway Requirement, students may select at least 2 credits from the list courses in the pathway that aligns to their High School & Beyond Plan.

Agriculture Education Program

Animal Systems Sequence:

Animal Science 

Veterinary Science 

Plant Systems Sequence:

Horticulture 

Floriculture & Greenhouse

Landscape & Nursery Pro. 

Natural Resource Systems Sequence:

Natural Resources 

Power, Structural & Tech. Systems Sequence:


Mech Tech 1 

Mech Tech 2  

American Sign Language Program

Sequence

American Sign Language (ASL) 1 

American Sign Language (ASL) 2 



Business & Marketing Program

Business & Marketing Sequence:


Intro to Business (.5 Credit) 

Intro to Marketing (.5 Credit)

Street Law 1 & 2

Accounting  

Personal Finance  

Business English 

Visual Communications & Technology Sequence:

Digital Design  

Multimedia 1  

Multimedia 2  

Game Design 

Advanced Computer Programming 




Leadership Sequence:




Leadership 1

Leadership 2

ASB/ Student Government

Core Plus Manufacturing Program Sequence

Core Plus 1 (LHHS)   

Core Plus 2 (LHHS)   

Construction & Woodworking Program Sequence

Beginning Woodworking

Woodworking

Construction Geometry

RAP Construction     (3 credits)

Culinary Arts Program Sequence

Intro to Culinary Arts



Advanced Culinary Arts

Fire Service Program Sequence

Fire Service 1    (3 credits)

Fire Service 2   (3 credits)

Health Sciences Program Sequence

Medical Terminology  

Introduction to Health Sciences



Sports Medicine 1


Sports Medicine 2

Sports Medicine Practicum

Photography & Publication Program Sequence

Photojournalism  



Photography 1  

Photography 2  


Yearbook 

STEM Sequence

Engineering Design 1  


Engineering Design 2  


CAD/CAM   


Robotics 


SYMBOL KEY:


 Fine Art Credit

 Science Credit

 3rd Year Math Credit

 Sr. English Credit

 World Language Credit

 College Credit

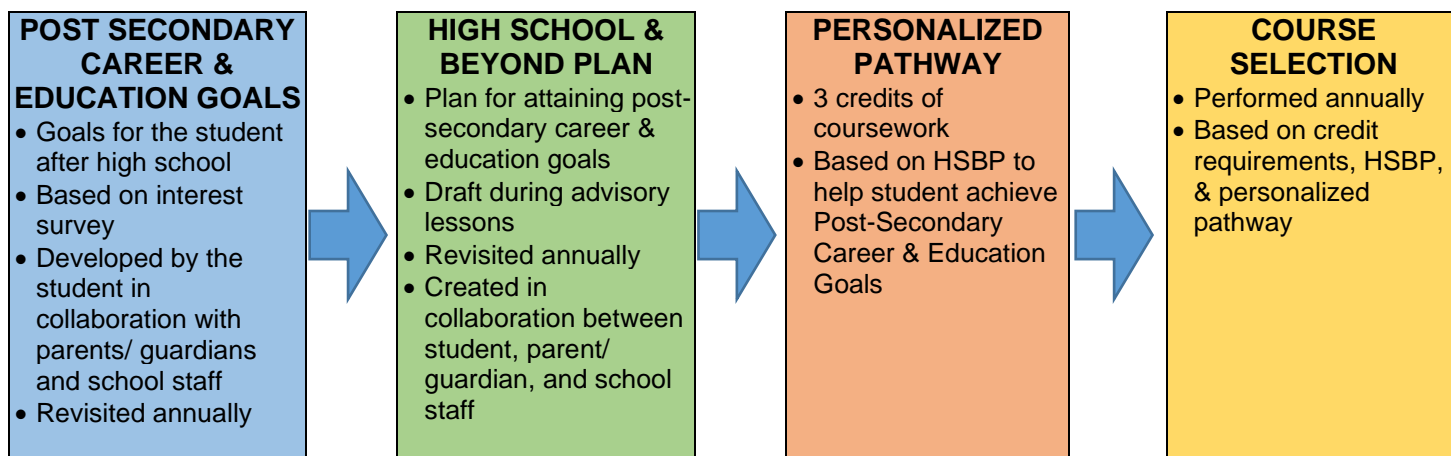
 Industry Certification

What is the Personalized Pathway Requirement for Graduation?

Three locally determined courses identified in a student's high school and beyond plan that are deemed necessary to attain the post-secondary career or educational goals chosen by the student based on the student's interest and High school and Beyond Plan. *While the State Board of Education recommends these credits include 2 years of a World Language (ASL, German, or Spanish) and a second Fine Arts Credit, these courses are not required and may be substituted with three courses that more closely relate to the student's post-high school goal.*

How is the Personalized Pathway determined?

During their 8th grade year, students will begin to develop goals for what they would like to do after high school. Based on a career interest inventory, students select from one of the 16 Career Clusters to determine an area of focus and map their Personalized Pathway to achieve this goal.



Can a student change their Personalized Pathway during their high school career?

Yes! The student's Personalized Pathway Requirements need to align with the student's career and education goals, but the student's goals may change during high school. If a student changes his or her mind about their career and education goals, his/her next choice for a Personalized Pathway Requirement should align with his/her new goals based on his/her High School and Beyond Plan. The student does not need to start over with a new sequence of three courses. The purpose of the Personalized Pathway Requirement is for the student to have intentionality in their high school course choices.

What is a High School & Beyond Plan?

The High School and Beyond Plan is a formal process designed to help students think about their future goals and how to accomplish those goals. This includes exploring interests and career options, developing a course plan for high school, and exploring opportunities to develop skills. Students create their High School and Beyond Plans in cooperation with parents/guardians and school staff. Students will start their plans in eighth grade and then continue to revise them throughout high school to accommodate changing interests or goals.

Why is the High School and Beyond Plan important?

The High School and Beyond Plan provides students with the opportunity to explore their own skills and interests and discover potential career and educational options they may not have been aware of previously. It allows students to take ownership over their high school experience and choose coursework and activities that are relevant to their goals. The HSBP also provides a means of tracking requirements for graduation and entry into postsecondary programs. The plan will guide a student's choice for the third credit of math, third credit of science, and the development of personalized pathways.

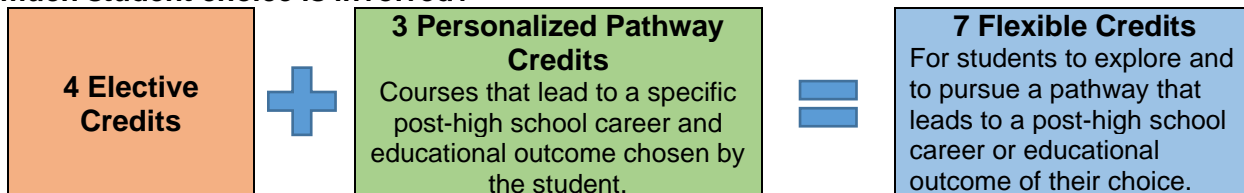
What is the process for developing the High School & Beyond Plan?

The High School & Beyond Plan will be developed in collaboration between the student, parents/ guardians, and school staff. Students will begin to develop their HSBP by conducting a series of interest surveys and goal setting activities. They will complete their plan on online through our Student & Family Access system. Parents/ Guardians and school staff will have the ability to review these plans and work with students. The plans will be reviewed and updated annually by students, parents/ guardians, and school staff to ensure the student is on track and that their goals are current.

Can middle school credits be transferred up to the high school?

Students that take Algebra 1 and/ or Geometry in middle school will automatically have those courses count for high school credit. If a student elects to NOT bring credits up to the high school from the middle school, then they need to fill out a form to have them removed from their transcript.

How much student choice is involved?



Also, the content of the third credit of math and the third credit of science are student choice, with the agreement of a parent, guardian, counselor or principal. Some Career and Technical Education courses have been determined to be equivalent to core requirements, thus allowing for greater flexibility in course selection. Additionally, within the 17 Core requirements there are a variety of choices of courses for students to meet their interests and level of challenge.

COLLEGE ENTRANCE REQUIREMENTS

	4-Year University Entrance Requirements in Washington State	Community/ Technical College, Apprenticeship, & Military
English	4 Credits	Students need to meet the HS graduation requirements. Some programs may require extra emphasis in particular areas of study.
Mathematics	3 Credits	
Science	2 Credits	
Social Studies	3 Credits	
Arts	1 Credits	
Health & Fitness		
Career & Technical Ed		
Personalized Pathway		
World Language	2 Credits	
Electives		

Please check with each school of interest for complete details. Below is a brief list of Washington Schools:

SCHOOL	ENTRANCE REQUIREMENTS
Central Washington University	http://www.cwu.edu/admissions/freshman-admissions-requirements
Eastern Washington University	https://www.ewu.edu/undergrad/freshman/requirements
Evergreen State College	http://evergreen.edu/admissions/requirements/freshman
Gonzaga University	https://www.gonzaga.edu/undergraduate-admission/apply/admission-requirements
Seattle University	https://www.seattleu.edu/undergraduate-admissions/apply/freshman/requirements/
Seattle Pacific University	http://spu.edu/undergraduate-admissions/apply/first-year-students/fy-app-recs
University of Washington	http://admit.washington.edu/apply/freshman/policies/cadr/
Washington State University	https://admission.wsu.edu/apply/as/freshman/requirements/
Western Washington University	https://admissions.wvu.edu/freshman/freshman-requirements

Visit the Washington Achievement Council at: <http://www.wsac.wa.gov/college-admissions>

Here is a list of local Community & Technical Colleges:

SCHOOL	ENTRANCE REQUIREMENTS
Bellingham Technical College	http://www.btc.edu/FutureStudents/FirstTimeStudents/indexFirstTimeStudents.aspx
Cascadia College	http://www.cascadia.edu/apply/default.aspx
Edmonds Community College	http://www.edcc.edu/getting-started/admissions/new-student.html
Everett Community College	http://www.everettcc.edu/enrollment/future-students/get-started/
Lake Washington Institute of Technology	http://www.lwtech.edu/admissions/new-students/
Skagit Valley College	http://www.skagit.edu/directory.asp?pagenumber=455

For a complete list of Community & Technical Colleges in Washington go to:

<https://www.sbctc.edu/our-colleges/explore-colleges/default.aspx>

EARN COLLEGE CREDITS IN HIGH SCHOOL

Stanwood High School provides students with several different programs in which they are able to earn college Credit while still in high school. A brief description of these programs is provided below. For a comparison of these programs visit: <https://www.sbctc.edu/becoming-a-student/high-school/dual-credit-student.aspx>

ADVANCED PLACEMENT (AP)

Stanwood High School offers students the opportunity to take part in a number of AP Courses. These courses are designed to provide students with a rigorous and challenging college prep experience. At the end of the course, students may take the AP Exam in order to receive college credit for the course. AP courses at Stanwood High School include:

English	Math	Science	History	World Language
AP Literature and Composition	AP Calculus AB	AP Biology	AP European History AP U.S. History	German IV
AP Language and Composition	AP Calculus BC	AP Chemistry	AP Comparative	Spanish IV
	AP Stats	AP Physics 1	Government	
		AP Physics C		
		AP Environmental Science		

Where can more information about the AP Program be found?

<https://apstudent.collegeboard.org/home>

How do AP Scores translate into college credit?

Each college and university has a different policy on how AP Test Scores are translated into credits. Please visit the link below to search for an individual school's policy:

<https://apstudent.collegeboard.org/creditandplacement/search-credit-policies>

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 II
CP English 12	AP Stats	AP Chemistry	Honors US History Through Literature	German III
AP Literature and Composition	Honors Pre-Calculus	Physics		Spanish II
AP Language and Composition				Spanish III

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.

What are the advantages of College in the High School?

1. Each College in the High School course is five (5) college credits and costs \$220.00. 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.

Where can more information be found?

<https://www.everettcc.edu/ccec/college-in-high-school>

COLLEGE IN THE HIGH SCHOOL UPDATES

In 2021, the Washington state legislation passed HB 1302. This bill requires high schools that offer college in the high school (CHS) programs to *include the following information about CHS courses in their 2022-2023 course catalog* and in subsequent years' catalogs:

- There is no fee for students to enroll in a CHS or co-delivered dual credit that includes CHS to earn only high school credit. Fees apply for students who choose to enroll in a CHS course to earn both high school and college credit.
- If you are a student who is receiving Free or Reduced Lunch, you may qualify for the EvCC College in the High School fee waiver program. The waiver will cover fees for two 5-credit courses per academic year. This waiver has limited funding! If registering for additional classes (other than the fee waiver courses), you can choose to register and self-pay for the additional courses/credits.
- To apply for this waiver complete the **EvCC College in the High School Fee Waiver Request form** and submit it to collegeinhs@everettcc.edu
- Additionally, our Stanwood-Camano Area Foundation (SCAF), has a need-based scholarship. The link to this scholarship application is https://s-caf.org/college_in_the_high-school

A notification that paying for the college credit automatically starts an official college transcript with the institution offering the course that will include the student's performance, and that college credit earned may count as elective or academic credit depending on the receiving college's transfer credit policies.

CTE DUAL CREDIT

What is CTE Dual Credit?

CTE DUAL Credit (Formerly known as Tech Prep) courses align Career and Technical Education classes at Stanwood High School to courses offered at Everett Community College.

The CTE Dual Credit program creates an opportunity for students to **earn both high school credits** for graduation **while earning college credit**. EvCC's CTE Dual Credit 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 CTE DUAL CREDIT classes?

- CTE Dual Credit students get a “jump start” on their college education and career plans.
- CTE Dual Credit students save time and money by fulfilling degree requirements while still in high school.
- CTE Dual Credit students are able to bypass entry-level college courses when they register at a community college.
- CTE Dual Credit 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 CTE Dual Credit 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 2020-21 school year, over 173 students earned 988 credits.

Where can more information about CTE Dual Credit be found?

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

Stanwood CTE Program: <http://cte.stanwood.wednet.edu/>

Everett Community College: <https://www.everettcc.edu/programs/bat/cte-dual-credit>

State Board of Community & Technical Colleges: <https://www.sbctc.edu/colleges-staff/programs-services/cte-dual-credit/>

RUNNING START

What is Running Start?

The Running Start program provides tuition free, college-level courses for high school juniors and seniors to take at Everett Community College or Skagit Valley College. Running Start students, full or part-time, can apply credits earned toward both high school graduation and future college degrees at the same time. Students must provide their own transportation, pay for books, and may be subject to other fees.

Where can more information about Running Start be found?

Everett Community College: <https://www.everettcc.edu/enrollment/hs-programs/running-start>

Skagit Valley College: <http://www.skagit.edu/directory.asp?pagenumber=60>

SAMPLE SCHEDULE WORKSHEET

9 TH GRADE SAMPLE	1 st Semester	2 nd Semester
	English 9	English 9
	Math (Algebra 1)	Math (Algebra 1)
	Science Explorations	Science Explorations
	Health	PE 9 or 9 th Weight Training
	Self-selected course (CTE or Fine Art)	Self-selected course (CTE or Fine Art)
	Self-selected course (Elective)	Self-selected course (Elective)

9 TH GRADE YOUR PLAN	1 st Semester	2 nd Semester
	English 9	
	Math: <input type="checkbox"/> Algebra 1 OR <input type="checkbox"/> Geometry OR <input type="checkbox"/> Algebra 2 OR <input type="checkbox"/> Honors Algebra 2	
	Science: <input type="checkbox"/> Science Explorations A/B OR <input type="checkbox"/> Honors Geology/ Astronomy	
	Health	<input type="checkbox"/> PE 9 OR <input type="checkbox"/> 9 th Weight Training
	Student Choice: _____	Student Choice: _____
	Student Choice: _____	Student Choice: _____

10 TH GRADE SAMPLE	1 st Semester	2 nd Semester
	English 10	English 10
	Math (Geometry)	Math (Geometry)
	Science	Science
	World History	World History
	PE of student's choice	PE of student's choice
	Personalized Pathway Credit	Personalized Pathway Credit

10 TH GRADE YOUR PLAN	1 st Semester	2 nd Semester
	<input type="checkbox"/> English 10 OR <input type="checkbox"/> Honors English 10	
	Math: _____	
	<input type="checkbox"/> Biology OR <input type="checkbox"/> Animal Science OR <input type="checkbox"/> Horticulture OR <input type="checkbox"/> Natural Resources OR <input type="checkbox"/> AP Biology	
	PE: _____	
	<input type="checkbox"/> World History OR <input type="checkbox"/> AP European History	
	Student Choice: _____	Student Choice: _____

11 TH GRADE SAMPLE	1 st Semester	2 nd Semester
	English 11	English 11
	Math (Algebra 2)	Math (Algebra 2)
	3 rd Year Science	3 rd Year Science
	US History	US History
	Personalized Pathway Credit	Personalized Pathway Credit
	CTE, Art, or Elective Credit	CTE, Art, or Elective Credit

11 TH GRADE YOUR PLAN	1 st Semester	2 nd Semester
	<input type="checkbox"/> English 11 OR <input type="checkbox"/> CP English 11 OR <input type="checkbox"/> AP Language	
	Math: _____	
	Science: _____	
	<input type="checkbox"/> US History OR <input type="checkbox"/> Honors US History OR <input type="checkbox"/> AP US History	
	Student Choice: _____	Student Choice: _____
	Student Choice: _____	Student Choice: _____

12 TH GRADE SAMPLE	1 st Semester	2 nd Semester
	English 12	English 12
	CWP	Civics
	Math/ Science (Elective)	Math/ Science (Elective)
	Personalized Pathway Credit	Personalized Pathway Credit
	CTE, Art, or Elective Credit	CTE, Art, or Elective Credit
	CTE, Art, or Elective Credit	CTE, Art, or Elective Credit

12 TH GRADE YOUR PLAN	1 st Semester	2 nd Semester
	<input type="checkbox"/> English 12 OR <input type="checkbox"/> Business English OR <input type="checkbox"/> CP English 12 OR <input type="checkbox"/> AP Literature	
	<input type="checkbox"/> CWP/ CIVICS OR <input type="checkbox"/> AP Comparative Government	
	Student Choice: _____	Student Choice: _____
	Student Choice: _____	Student Choice: _____
	Student Choice: _____	Student Choice: _____
	Student Choice: _____	Student Choice: _____

COURSE DESCRIPTIONS

FINE ARTS VISUAL, MUSIC, AND PERFORMING

ART I

Transcript Designation: B
Course Code: FPA111/FPA112
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: None
Required: Materials Fee \$15

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 to include drawing, painting, metal tooling, ceramics, along with several other forms of artwork. 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.

CERAMICS 1

Transcript Designation: B
Course Code: FPA131/FPA132
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: None
Required: Materials Fee \$25

This course is designed as a beginning level experience in the use of clay as a fine art medium. Forming techniques, surface development and glazing, and kiln firing practices will be introduced. Hand building techniques of coil, pinch, and slab will be used to create three-dimensional artwork.

CERAMICS 2

Course Code: FPA133/FPA134
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: Ceramics 1 or Equivalent
Required: Materials Fee \$25

This course is designed as an opportunity for those students who have completed Ceramics 1 (or equivalent) to continue building their knowledge of various techniques, use of glazes and applications, and offer an opportunity for students to explore this art form further. They will follow a curriculum but have the freedom to make independent decisions of techniques and applications that they will use for any given piece of art.

GLASS ART 1

Course Code: FPA141/FPA142
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: None
Required: Materials Fee \$45

Students will learn techniques to create beautiful stained glass, fused glass, and glass mosaic pieces. They learn the copper foil method for soldering stained glass art, basic glass fusing techniques, and create glass mosaic three-dimensional artwork.

GLASS ART 2

Course Code: FPA143/FPA144
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Fine Art
Prerequisite: Glass Art 1
Required: Materials Fee \$45

This class is designed for students who have completed Glass Art 1 and want to continue to be challenged working with more advanced glass pieces. They will work on several three-dimensional pieces, incorporate fused glass in their work, create their own patterns, and continue to perfect their skills using glass to create their art.

PHOTOGRAPHY I

Transcript Designation: B
Course Code: CTB127/CTB128
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: None

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: CTB227/CTB228
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: Photography 1 or Photojournalism

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.

MULTIMEDIA I

Course Code: CTB221/CTB222
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. This course provides relevant experiences and problem-solving skills that can be transferred to the world of work. Students will learn:

- How to shoot, edit, and create high quality videos
- Skills in using Adobe Premiere
- Digital image editing techniques with Photoshop
- Motion graphics/ animation skills
- Visual design principles
- Audio production techniques

MULTIMEDIA II

Course Code: CTB321/CTB322

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

DIGITAL DESIGN 1

Course Code: CTB121

Grade Level: 9, 10, 11, 12

Length of Class: 1 Semester (Tied to Digital Design 2)

Credit: 0.5 CTE or Fine Arts

Prerequisite: None

Digital Design 1 is intended for students interested in learning how to create and edit well designed graphics for professional use. Topics include fundamental 2D layout principles, developing vector and pixel-based images for print and web, color theory, principles of design, typography (letter & type design), copyright, career research, graphic file formats and resolution. Students will create original pieces, peer evaluate, and demonstrate a basic ability of design technique using Photoshop and Illustrator software. Promotional pieces may include product packaging, print ads, logos, brochures, collages, newsletters, posters, typography, and web materials.

DIGITAL DESIGN 2

Course Code: CTB122

Grade Level: 9, 10, 11, 12

Length of Class: 1 Semester (Tied to Digital Design 1)

Credit: 0.5 CTE or Fine Arts

Prerequisite: Digital Design 1

Digital Design 2 builds upon the skills learned in Digital Design 1 and challenges students with projects that are more complex, detailed and creative in nature. Students will explore the fundamentals of layout and design using Adobe InDesign. Digital photography will be available to enhance graphic imaging.

YEARBOOK

Course Code: CTB327/CTB328

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:

CTB121/CTB122	Digital Design
CTB225/CTB226	Web Page Design
CTT201/CTT202	Engineering Design I
CTA351/CTA352	Mechanics Technology II
CTA321	Floriculture
CTT121/CTT122	Woodworking

See the Career & Technical Education "CTE" Section on page 30..

ACTING I AND II

Transcript Designation: B

Course Code: FPA211/FPA212

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 explores improvisation, scene work, putting on a play, and gaining confidence on stage. Second semester introduces the monolog, more improvisational games, and the one-act play.

ACTING III AND IV

Transcript Designation: B

Course Code: FPA221/FPA222

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 acting skills, improvisation, 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: FPA231/FPA232

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1 Fine Arts

Prerequisite: None

Learn technical/backstage elements of theatre by working on state-of-the-art equipment and school productions. Your training will include set painting and construction, lights and the light board, sound, props, and stage make-up.

CONCERT BAND

Transcript Designation: B

Course Code: FPA301/FPA302

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: FPA311/FPA312

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: FPA335/FPA336

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: FPA351

Grade Level: 9, 10, 11, 12

Credit: .5 Fine Arts

Length of Class: 1 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: FPA352

Grade Level: 9, 10, 11, 12

Credit: .5 Fine Arts

Length of Class: 1 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: FPA331/FPA332

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

Course Code: FPA341/FPA342

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1 Fine Arts

Prerequisite: Audition Process —By Audition Only—

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.

WORLD MUSIC DRUMMING

Transcript Designation: B

Course Code: FPA305/FPA306

Grade Level: 9, 10, 11, 12

Credit: 1 Fine Arts

Length of Class: Year-Long

Prerequisite: None

This is a course designed for students to learn and perform styles of hand drumming from major countries around the world in the traditional kinesthetic and aural/oral teaching method, or teaching through modeling. All students will be able to be successful in this course regardless of previous musical experience. Latin American, Ghanaian and Caribbean style of drumming are the main regions of focus. In addition to learning how to play the drums and accessory instruments, students will learn about the cultured connections to the peoples and musical cultures of Latin America, Africa, and the Caribbean.

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

— By Audition Only—

Transcript Designation: B

Course Code: FPA431/FPA432

Grade Level: 9, 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 9th 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.

JAZZ ENSEMBLE

—By Audition Only—

Transcript Designation: B

Course Code: FPA421/FPA422

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1 Fine Arts

Prerequisite: Audition/Instructor Permission

Jazz Ensemble is an auditioned choir for students who wish to expand their musical capabilities in the areas of Jazz, blues, and pop 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.

STUDIO VOICE

Transcript Designation: B

Course Code: FPA441/FPA442

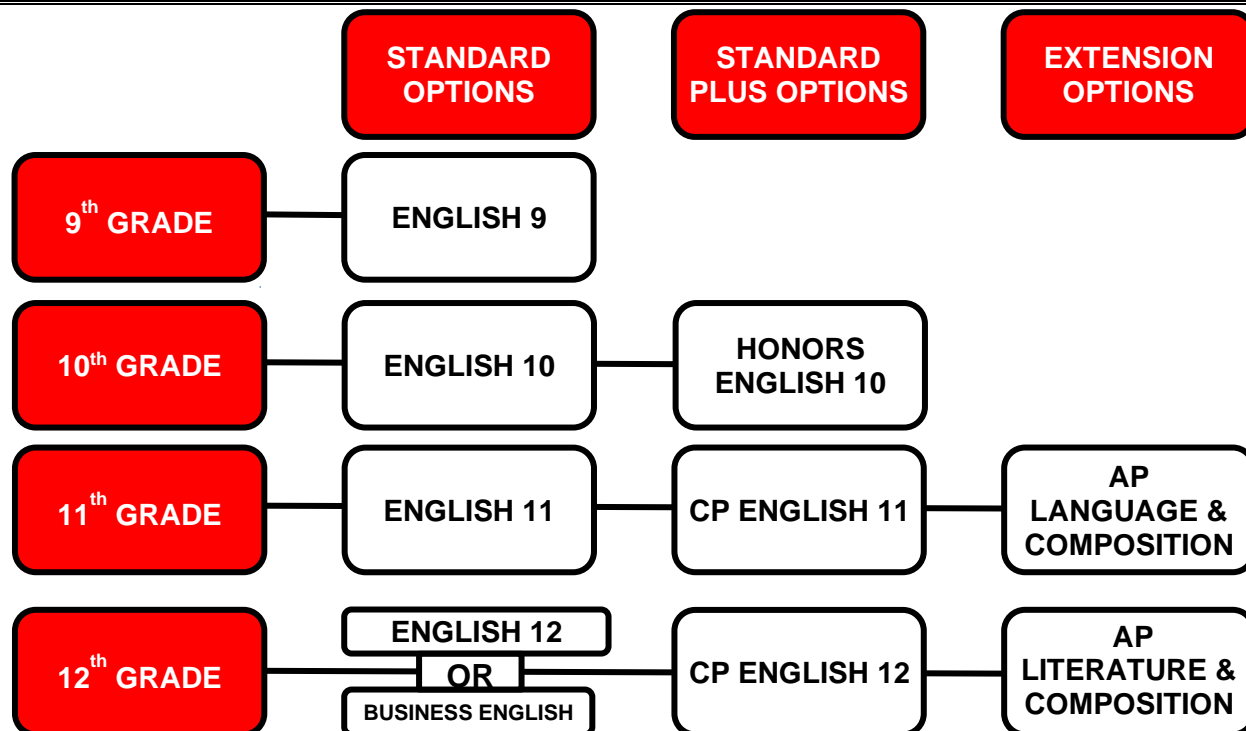
Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1 Fine Arts

Studio Voice is a class that will study solo and small group singing. For reference, consider it to be like private voice lessons in a group class setting. The curriculum will include vocal technique, solo performance, small group singing (i.e. duets), and music reading and theory.

ENGLISH



ENGLISH 9

Transcript Designation: B
Course Code: ENG105/ENG106
Grade Level: 9
Length of Class: Year-Long
Credit: 1

Prerequisite: None

English 9 (freshman English) is a required course that focuses on reading, writing, speaking, and listening skills. Students will read a variety of literature, including short stories, poems, plays, novels, and nonfiction selections. Literary term, such as theme, point of view, tone, and conflict, will be used to discuss and analyze literature. Improved writing proficiency will be a focus through journaling, short response, and essay writing and will include the incorporation of grammar lessons. Communication, speaking and listening skills, will be emphasized in group work, class discussions, and informal and formal presentations.

ENGLISH 10

Transcript Designation: B
Course Code: ENG205/ENG206
Grade Level: 10
Length of Class: Year-Long
Credit: 1

Prerequisite: None

English 10 is the standard option for fulfilling the sophomore English requirement. Students will continue their growth in reading, writing, speaking, and listening skills. Course literature will include short stories, poems, plays, novels, and nonfiction pieces. Students will work toward proficiency in reading and writing for a variety of purposes. Research skills will be introduced to acquaint students with a variety of sources used in the research process.

HONORS ENGLISH 10

Transcript Designation: H, B
Course Code: ENG219/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: ENG305/ENG306
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 further development of writing skills, close reading skills, group and individual analysis, speech and presentation skills, and research skills. Students will be progressing toward their college/career readiness.

COLLEGE PREPARATORY ENGLISH 11

Transcript Designation: B, H, C

Course Code: ENG317/ENG318

Grade Level: 11

Length of Class: Year-Long

Credit: 1

College in the High School: 5 Credits at EvCC

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

College Preparatory English 11 is a rigorous English course designed to prepare students for the reading, writing, collaborating, and speaking skills required in college/university-level academics. This course requires consistent effort and emphasis upon developing independence of thought and mature habits of critical thinking. Classroom discussions, seminars, and active participation are vital and serve as a means of testing and expanding ideas. Written assignments, both short- and long-term, are an important and frequent feature of the course.

Coursework will include a survey of American literature, both canonical and modern fiction, poetry, and drama. In this course, students will write a number of analytical essays, complete a college preparation portfolio, collaborate on reading projects and presentations, and study some challenging literature. Students may earn 5 college credits through EVCC's College in the High School program while completing this course.



AP LANGUAGE AND COMPOSITION

Transcript Designation: A, B

Course Code: ENG425/ENG426

Grade Level: 11

Length of Class: Year-Long

Credit: 1

College in the High School: 5 Credits at EvCC

Prerequisites: *Completion of a summer reading/writing assignment

**Completion of English 10 with a B- or better; Honors English 10 with a C or better.

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 selections, including non-fiction novels. Students will engage in discussions of the texts and develop both informal and formal compositions in a variety of modes, including but not limited to rhetorical analysis, synthesis, argument, and literary analysis. 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 students to think more critically about the power of language and how it shapes our world, as well as a chance to improve their 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 5 college English credits through EVCC's College in the High School program while completing this course.



ENGLISH 12

Transcript Designation: B

Course Code: ENG405/ENG406

Grade Level: 12

Length of Class: Year-Long

Credit: 1

Prerequisite: None

English 12 (senior English) coursework will include a survey of British and World literature, poetry, and drama transitioning into more modern texts as the year progresses. Incorporated into these studies will be the further development of writing skills, close reading skills, group and individual analysis, and speech and presentation skills. An important component of English 12 is the mastery of post high school level reading, writing, speaking, listening, and analyzing skills. Students will create a 13th Year Portfolio in preparation for their post high school plans.

BUSINESS ENGLISH

Course Code: CTB401/CTB402

Grade Level: 12

Length of Class: Year-Long

Credit: CTE or English

Prerequisite: None

Business communication affects all aspects of our lives. This course will teach students to communicate in a clear, courteous, concise, complete, and correct manner on both the personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. The overriding goal is to provide students with a solid communication base, so they are able to communicate effectively in the workplace. Students will develop a career plan for life after high school.

COLLEGE PREPARATORY ENGLISH 12

Transcript Designation: B, H, C

Course Code: ENG417/ENG418

Grade Level: 12

Length of Class: Year-Long

Credit: 1

College in the High School: 5 Credits at EvCC

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

College Preparatory English 12 is a rigorous English course designed to prepare students for the reading, writing, collaborating, and speaking skills required in college/university-level academics. The course requires consistent effort and puts emphasis upon developing independence of thought and mature habits of critical thinking. Classroom discussions, Socratic seminars, and active participation are vital and serve as a means of testing ideas and thoughts. Written assignments, both short- and long-term, are an important and frequent feature of the course. Coursework will include British and world literature, both canonical and modern fiction, poetry, and drama. First semester will include a college portfolio, intended to assist students on college selection, application, and admittance; second semester will include discussions surrounding scholarship opportunities and college/university survival skills. Students will write a number of analytical essays, will study some challenging literature, and will collaborate on class projects and presentations, all in preparation for success in higher education. Students may earn 5 college credits through EVCC's College in the High School program while completing this course.



AP LITERATURE AND COMPOSITION

Transcript Designation: A, B

Course Code: ENG325/326

Grade Level: 12

Length of Class: Year-Long

Credit: 1

College in the High School: 5 Credits at EvCC

Prerequisites: *Completion of a summer reading/writing assignment

**Completion of English 11 with a B- or better; College Preparatory English 11 with a C or better

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 for students to broaden their reading tastes, challenge themselves, and sharpen their critical thinking skills. Students will be expected to take the AP Literature and Composition exam in May, which may earn them



college credit. Students may earn 5 college credits through EVCC's College in the High School program while completing this course.

HEALTH & FITNESS

HEALTH 9

Course Code: PEH111

Grade Level: 9

Length of Class: 1 Semester Linked with P.E.

Credit: .5

Prerequisite: None

Health is required of 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, and to show students how to take responsibility for making healthy choices. Units include: mental health, stress, self-esteem, peer pressure, suicide, decision-making, nutrition, sexual health, smoking, alcohol, and drugs. This class will include the Health and Fitness Classroom Based Assessments.

PE 9

Course Code: PEH112

Grade Level: 9

Length of Class: Semester/Linked with Health

Credit: .5

Prerequisite: None

Required: P.E. Uniform

This class focuses on the development of physical fitness, 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 & 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

Length of Class: Semester/Linked with Health

Credit: .5

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 conditioning 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/PEH314

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: PE 9/9th Weight Training

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 & 1-2 days of conditioning activities which may include circuit/interval training, plyometric training, running & jumping rope. All students are welcome, but in particular, student athletes are encouraged to take this class.

ZERO PERIOD WEIGHT TRAINING

Course Code: PEH319/PEH320

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: PE 9/9th Weight Training

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: PEH329/PEH330

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: PE 9/9th Weight Training

Required: PE uniform

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, and the importance of developing the major muscles needed to maintain a healthy lifestyle. Students will gain knowledge necessary to track their fitness progress throughout the year. Activities may include: circuit training, speed walking, 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/PEH302

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: PE 9/9th Weight Training

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. Weekly conditioning and general sport knowledge as well as personal fitness will be emphasized. Grades are based on participation, effort, attitude, fitness testing and game rules.

COMPETITIVE TEAM SPORTS

Course Code: PEH349/PEH350

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: PE 9/9th Weight Training

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. Weekly conditioning and general sport knowledge as well as personal fitness will be emphasized. Grades are based on participation, effort, attitude, fitness testing and game rules.

RECREATIONAL SPORTS

Course Code: PEH339/PEH340

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: PE 9/9th Weight Training

Required: P.E. Uniform

This class will prepare students to make choices in their recreational/leisure activities for life. Activities may include skills developed in badminton, tennis, softball, basketball, volleyball and weekly conditioning & walking. Weekly conditioning and general sport knowledge as well as personal fitness will be emphasized. Grades are based on participation, effort, attitude, fitness testing and game rules.

ADAPTIVE PE

Course Code: PEH101/PEH102

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

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 conditioning. Students will spend time encouraging and accommodating to the needs of all students.

* See Adaptive PE Peer Tutor

PEER TUTOR

ADAPTIVE PE PEER TUTOR

Course Code: PEH103/PEH104

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

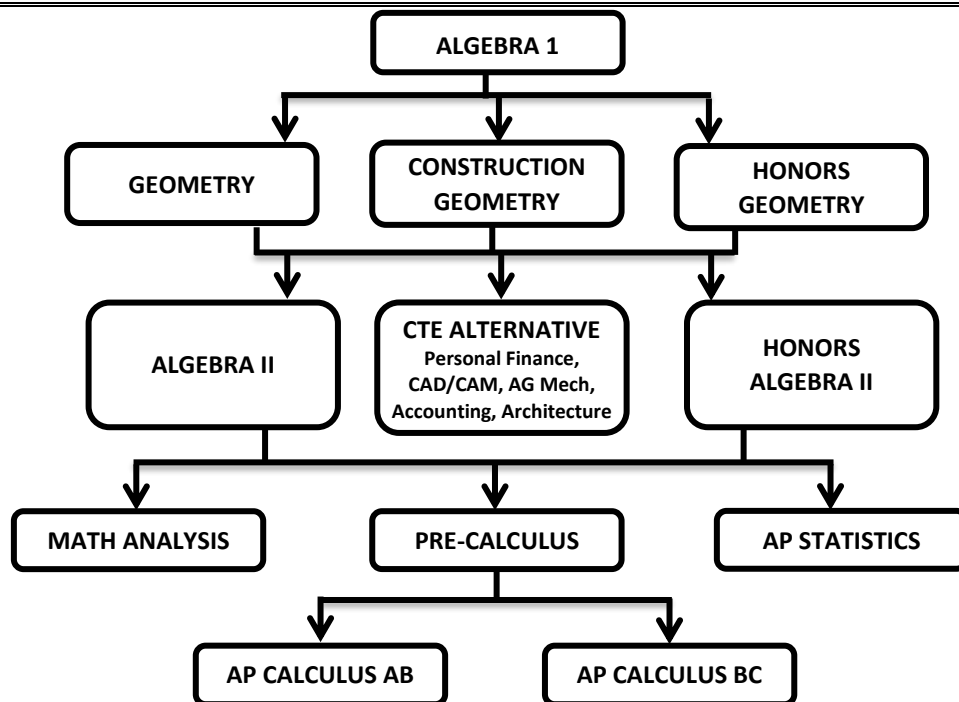
Prerequisite: None

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. Weekly conditioning.

MATHEMATICS



PRE-ALGEBRA

Transcript Designation: Elective

Course Code: MAT097/MAT098

Grade Level: 9

Length of Class: Year-Long

Credit: 1 Elective

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: MAT111/MAT112

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1 Math

Prerequisite: Successfully passed both semesters of 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.

GEOMETRY

Transcript Designation: B, Q

Course Code: MAT211/MAT212

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Successfully passed both semesters of 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.

HONORS GEOMETRY

Transcript Designation:

Course Code: MAT221/MAT222

Grade Level: 9, 10

Length of Class: Year-Long

Credit: 1

Prerequisites: Successfully passed both semesters of Algebra 1

This course is designed to support students in delving deeper into geometric concepts and skills, pursue extensions and enrichment topics and to create their own applications. The course covers logic, inductive and deductive reasoning, forming proofs, congruence, similarity, polygons, construction, loci, coordinate geometry, transformations, area, volume, right triangle and an introduction to trigonometry.

CONSTRUCTION GEOMETRY

Transcript Designation: B, Q

Course Code: CTT250/CTT251 MAT213/MAT214

Grade Level: 10, 11, 12

Length of Class: Year-Long (2 Periods)

Credit: 1 Math (Geometry) 1 CTE, PPR, or Elective

Prerequisite: Algebra 1

A two-period block, team taught by a Math teacher and a Career and Technical Education teacher, where students will receive both (1.0) Geometry and a (1.0) CTE credit. This Contextual Learning program connects the content taught in Geometry with the hands-on skills that are used in the construction industry.

ALGEBRA II

Transcript Designation: B, Q
Course Code: MAT311/MAT312
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1

Prerequisite: Successfully passed both semesters of 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.

HONORS ALGEBRA II

Transcript Designation: H, B, Q
Course Code: MAT321/MAT322
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1

Prerequisite: Successfully passed both semesters of Honors Geometry or Geometry

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. This course uses a flipped classroom model.

PRE-CALCULUS

Transcript Designation: B, Q, C
Course Code: MAT421/MAT422
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1

College in the High School: 10 Credits at EvCC

Prerequisite: Successfully passed both semesters of Honors Algebra II or Algebra I

Pre-Calculus is an honors level math class for students who plan to enter a 4-year university. The course covers mathematical reasoning, polynomial function, inequalities, exponents and logarithms and their functions, analytical geometry, trigonometric functions and identities, complex numbers, and limits.

AP CALCULUS AB

Transcript Designation: A, B, Q
Course Code: MAT441/MAT442
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1

College in the High School: 5 Credits at EvCC

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: MAT451/MAT452
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1

Prerequisite: Pre-Calculus

College in the High School: 10 Credits at EvCC

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

Transcript Designation: A, B, Q
Course Code: MAT431/MAT432
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1

College in the High School: 5 Credits at EvCC

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: MAT511/MAT512
Grade Level: 12
Length of Class: Year-Long
Credit: 1

Prerequisite: Calculus, Must have teacher permission

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.

MATH ANALYSIS

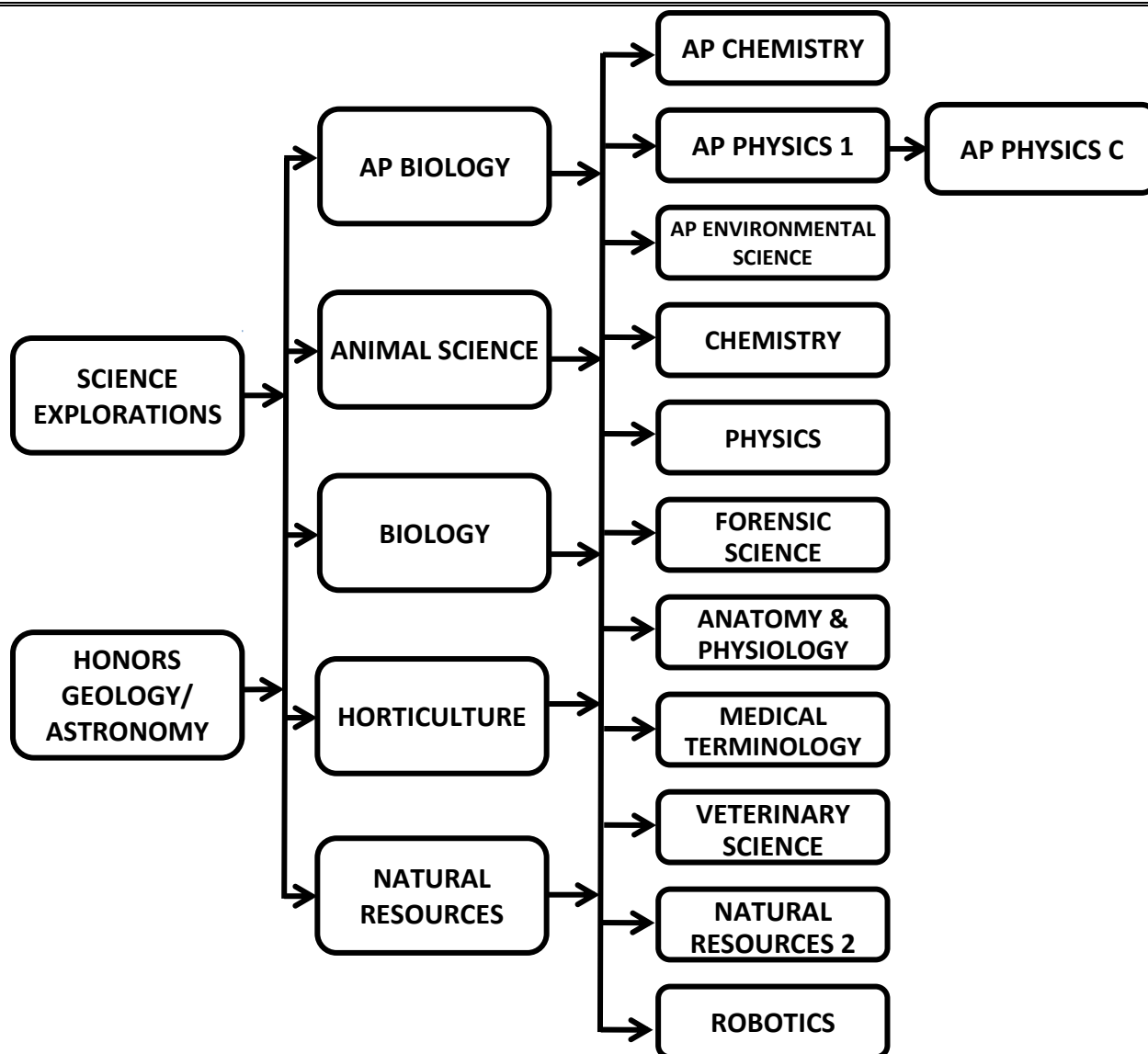
Transcript Designation: B, D
Course Code: MAT411/MAT412
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1

Prerequisite: Algebra II

Math Analysis is an advanced algebra course that covers linear, quadratic, polynomial, rational and radical functions; logarithmic and exponential functions; trigonometric functions and identities; complex numbers; conic sections; vectors; and probability.



SCIENCE



AGRICULTURE EDUCATION SCIENCE courses are described on page 31 and meet Science requirements

SCIENCE EXPLORATIONS

Transcript Designation: S B

Course Code: SCI160

Grade Level: 9

Length of Class: Year-Long

Credit: 1 Lab Science

Prerequisite: None

Science Explorations is an algebra-based science course focusing on the Washington State Science Learning Standards for physical and earth science with laboratory investigations included in each unit. Students will develop knowledge and skills that utilize the Science and Engineering Practices outlined in the NGSS standards.

HONORS GEOLOGY/ASTRONOMY

Transcript Designation: H, B, S

Course Code: SCI139/SCI140

Grade Level: 9-12

Length of Class: Year-Long

Credit: 1 Lab Science

Prerequisite: none (A or B in middle school science recommended)

Honors Geology/Astronomy is an algebra-based course focusing on the Washington State Earth and Space Science Standards with laboratory investigations included in each unit. Astronomy topics covered include history and scale of the solar system/universe, universal motion and forces, the Sun, electromagnetic radiation, stellar evolution and exoplanets. Geology topics covered include the impact of natural hazards such as hurricanes and wildfires, weather/climate, paleoclimate, and Earth's energy transfers and systems. The course will allow students to explore topics at a more challenging level. Students who plan to take AP science courses are encouraged to begin with Honors Geology/Astronomy.

BIOLOGY

Transcript Designation: B, S
Course Code: SCI209/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.

AP BIOLOGY

Transcript Designation: A, B, S
Course Code: SCI279/SCI280
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science



Prerequisite: none (Recommended: A or B in Honors Astronomy/Geology, or Science)

AP Biology is designed for students who have a strong interest in science. AP Biology covers topics typically found in freshman Biology courses at the university level. Students accepting the challenge of an Advanced Placement course will be required to actively participate in all class and laboratory activities conducted during the year.

Course content: Biology is a study of life. SHS AP Biology follows the redesigned 2019-2020 Ap Biology Curriculum: Chemistry of Life; Cell Structure and Function; Cellular Energetics; Cell Communication and Cell Cycle; Heredity; Gene Expression and Regulation; Natural Selection, and Ecology.

For more information about the College Board and AP Biology, please visit: <https://apstudents.collegeboard.org/courses/apbiology>

ANATOMY/PHYSIOLOGY

Transcript Designation: B, S
Course Code: SCI261/SCI262
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.

CHEMISTRY

Transcript Designation: B, S, Q
Course Code: SCI321/SCI322
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science



College in the High School: 5 Credits at EvCC

Prerequisite: Successful completion of Algebra & Science Explorations or Honors Geology/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

Transcript Designation: A, B, S, Q
Course Code: SCI379/SCI380
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science



College in the High School: 5 Credits at EvCC

Prerequisite: Successful completion of Algebra 1

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

Transcript Designation: B, Q
Course Code: SCI421/SCI422
Grade Level: 11, 12
Length of Class: Year-Long
College in the High School: 5 Credits at EvCC
Credit: 1 Lab Science



Prerequisite: Successful completion of Algebra 1

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

Transcript Designation: A, B, S, Q
Course Code: SCI479/SCI480
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science



Prerequisite: Successful completion or current enrollment in Pre-Calculus

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

Transcript Designation: A, B, S, Q
Course Code: SCI481/SCI482
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.

AP ENVIRONMENTAL SCIENCE

Transcript Designation: A, B, S

Course Code: SCI331/SCI332

Grade Level: 11, 12

Length of Class: Year-Long

Credit: 1 Lab Science

Prerequisite: A grade of C or above in a life-science class.

AP Environmental Science is a full year college-level course. This laboratory course will enable students to undertake more advanced studies of environmental issues, both from scientific and social points of view. Scientific principles and methodologies studied will allow students to identify and analyze natural and man-made environmental problems, and to evaluate alternative solutions for resolving them. Specific topics include energy flow through ecosystems, the cycling of matter, renewable and non-renewable resource distribution, environmental quality including air/water/soil monitoring, human population dynamics, and global changes and their consequences.



FORENSIC SCIENCE

Transcript Designation: B, S

Course Code: SCI351/SCI352

Grade Level: 11, 12

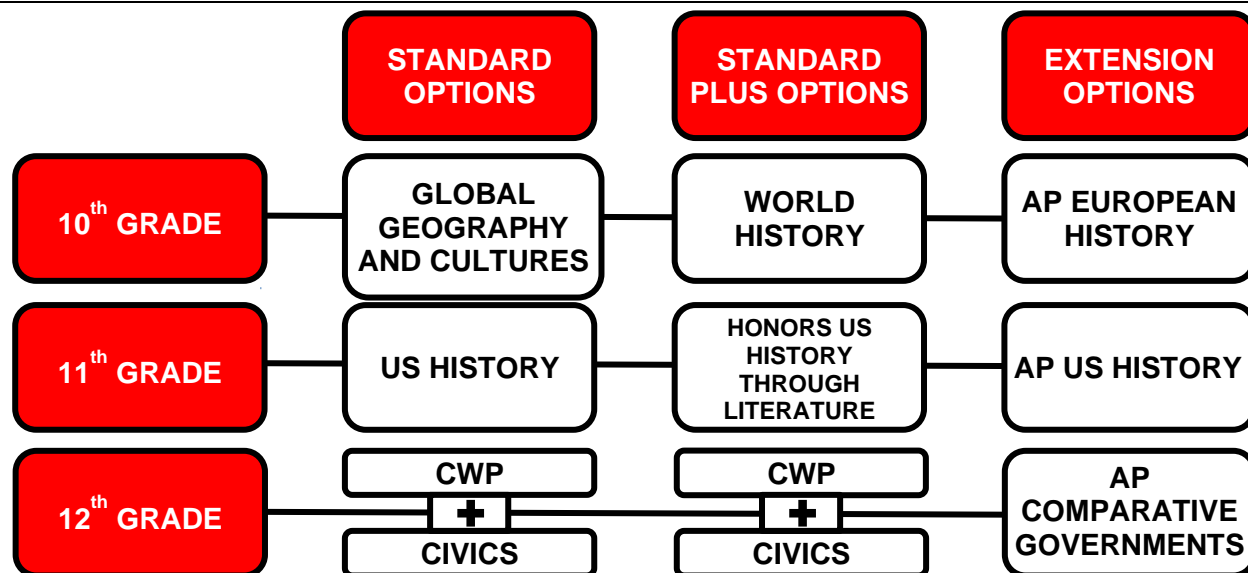
Length of Class: Year-Long

Credit: 1 Lab Science

Prerequisite: None

Forensic Science is a year-long course that prepares students to become knowledgeable in utilizing scientific analysis for crime scene investigation. Students will apply this knowledge to 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 STUDIES



WORLD HISTORY A

Transcript Designation: B

Course Code: HST211

Grade Level: 10

Length of Class: Semester-Long

Credit: .5

World History A is one of two choices offered first semester for sophomore social studies. This course focuses on the development of Modern Civilization. Students will analyze the interaction of societies including the political and economic systems in Europe beginning with the Renaissance. Students will also explore the Age of Exploration, the Enlightenment, French Revolution and Industrial Revolution. 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 one classroom-based assessment prior to completing the course.

GLOBAL GEOGRAPHY AND CULTURES

Transcript Designation: B

Course Code: HST209

Grade Level: 10

Length of Class: Semester-Long

Credit: .5

World Geography and Cultural Studies is one of two courses offered first semester for sophomore social studies. This course will explore the role physical geography plays in shaping the development of cultures, governments, resource use, conflicts, and technologies on a local, national, regional, and global scale. Students will explore these concepts through regional case studies and demonstrate their learning in a culminating semester classroom-based assessment. For the second semester, students will take World History B.

WORLD HISTORY B

Transcript Designation: B

Course Code: HST212

Grade Level: 10

Length of Class: 1 Semester

Credit: .5

World History B is a required second semester course for all Sophomore. This course focuses on the 19th and 20th century with special attention paid to Imperialism, World War I, the inter War Period, World War II, and Genocide of the 20th century. Each student will be expected to one classroom-based assessment in this course. This course will provide an important foundation for U.S. History and Current World Problems offered in later years of study.

AP EUROPEAN HISTORY

Transcript Designation: A, B

Course Code: HST229/HST230

Grade Level: 10

Length of Class: Year-Long

Credit: 1

College in the High School: 5 Credits at EvCC

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: HST309/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

Transcript Designation: H, B, C

Course Code: HST315/HST316

Grade Level: 11

Length of Class: Year-Long

Credit: 1

College in the High School: 5 Credits at EvCC

Prerequisite: Recommended 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 three literary novels that have shaped history.



AP US HISTORY

Transcript Designation: A, B

Course Code: HST319/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: HST439/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: HST422

Grade Level: 12

Length of Class: Semester Linked with CWP

Credit: .5

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 (CWP)

Transcript Designation: B

Course Code: HST421

Grade Level: 12

Length of Class: Semester, Linked with Civics

Credit: .5

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, Linked with Psychology

Credit: .5

Prerequisite: None

Sociology is the study of society. In this class we will learn about the social norms and constructs in our society. We will look critically at institutions including education, religious, athletic, and prison systems to try and define their function. By the end of the semester you will be able to identify conflict as well as functionalist ways of tracking the world's problems. We will show our understanding by having discussions, taking tests, doing projects and giving presentations.

*May not be used for SHS History Requirement.

PSYCHOLOGY

Transcript Designation: B

Course Code: HST412

Grade Level: 11, 12

Length of Class: Semester, Linked with Sociology

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 or Personal Pathway Requirement Credit

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.

GERMAN I

Transcript Designation: B

Course Code: GER101/GER102

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

Transcript Designation: B, C

Course Code: GE201/GER202

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

College in the High School: 5 Credits at EvCC

Prerequisite: 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

Transcript Designation: B, C

Course Code: GER301/GER302

Grade Level: 11, 12

Length of Class: Year-Long

Credit: 1

College in the High School: 5 Credits at EvCC

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: GER401/GER402

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: SPA101/SPA102

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

Transcript Designation: B, C
Course Code: SPA201/SPA202
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1



College in the High School: 5 Credits at EvCC

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

Transcript Designation: B, C
Course Code: SPA301/SPA302
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1



College in the High School: 5 Credits at EvCC

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: SPA401/SPA402
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: CTS121/CTS122
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: CTS221/CTS222
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.

SPECIAL EDUCATION SERVICES

There are a variety of special education services available to eligible students at Stanwood High School. Students receive services in any combination of options that meet their individual needs with a strong focus on inclusion with the general education classes and collaboration between Special Education and General Education staff members. Course and schedule decisions are made through the Individualized Education Program (IEP) team process.

ACTIVE STUDENT SUPPORT FOR INDEPENDENCE, SKILLS AND TRANSITION (ASSIST)

Grade Level: 9-12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission

Provides specially designed instruction in an alternative curriculum that addresses functional reading, writing, math, communication skills, social skills, vocational skills and daily living skills.

COMMUNITY CONNECTIONS

Grade Level: 12+

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission, Completed Application

Community Connections is a transition center for students that are 12+ who have completed SBA and senior project requirements that need work based transitional services. On/off campus work both volunteer and paid employment experiences are offered. Students earn independent credit for work. Individual work schedules will be made as needed.

INDEPENDENT LEARNING CENTER (ILC)

Course Code: BEE101/BEI102

Grade Level: 9-12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission

Provides specially designed instruction in social and behavioral skills along with the basic academic skills.

LANGUAGE A

Course Code: BEL150/BEL151

Grade Level: 9-12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission

This course provides specially designed instruction in the areas of integrated reading and writing to facilitate transition goals.

LANGUAGE B

Course Code: BEL180/BEL181

Grade Level: 9-12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission

This course provides specially designed instruction in the areas of integrated reading and writing to facilitate transition goals.

LANGUAGE C

Course Code: BEL250/BEL251

Grade Level: 9-12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission

This course provides specially designed instruction in the areas of integrated reading and writing to facilitate transition goals.

LANGUAGE D

Course Code: BEL280/BEL281

Grade Level: 9-12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission

This course provides specially designed instruction in the areas of integrated reading and writing to facilitate transition goals.

LANGUAGE E

Course Code: BEL350/BEL351

Grade Level: 9-12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission

This course provides specially designed instruction in the areas of integrated reading and writing to facilitate transition goals.

LANGUAGE F

Course Code: BEL380/BEL381

Grade Level: 12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission

This course provides specially designed instruction in the areas of integrated reading and writing to facilitate transition goals.

BASIC ENGLISH

Course Code: 9th: BEE109/BEE110

10th: BEE209/BEE210

11th/12th: BEE329/BEE330

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission

The purpose of this class is to help improve their reading, writing, and communication skills in order to be more literate in life, business, and in their future academics.

RESOURCE

Course Code: BER101/BER102

Grade Level: 9-12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission

This course is designed to provide access to, and support in the areas of reading, writing, math and learning strategy skills for school success for students on an IEP. This course is also structured around a collaborative, working relationship between the Special Education Teachers and the General Education Teacher surrounding coursework, assignment expectations and grading. Students must have approval for entry in this class.

MATH I, 2, 3

1 Course Code: BEM100/BEM101

2 Course Code: BEM200/BEM201

3 Course Code: BEM300/BEM301

Grade Level: 9, 10 11, 12

Length of Class: Year-Long

Credit: 1.0

Prerequisite: Teacher/Case Manager Permission

This course provides specially designed instruction in the area of math to facilitate transition goals. The math classes are split into 3 different levels. The students are placed in an appropriate level by math skills, testing data and IEP team decision.

MODIFIED ALGEBRA A & B

Course Code: MAT101/MAT102 MAT103/MAT104

Grade Level: 9, 10

Length of Class: Year-Long

Credit: 1

Modified Algebra A & B 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. The modified course parallels regular curriculum with adjusted assignments and/or pace commensurate with the overall ability of the class. The class targets students who have had learning challenges in math and not passed MSP or EOC testing standards.

*This course fulfills the Algebra requirement for student on an IEP in math in the Class of 2016 and Beyond.

MODIFIED GEOMETRY A & B

Course Code: MAT201/MAT202 MAT203/MAT204

Grade Level: 9, 10

Length of Class: Year-Long

Credit: 1

Prerequisite: Modified Algebra A/B or Algebra I and an IEP in Math

Modified 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. The modified course parallels regular curriculum with adjusted assignments and/or pace commensurate with the overall ability of the class. The class targets students who have had learning challenges in math and not passed MSP or EOC testing standards.

*This course fulfills the Geometry requirement for students on an IEP in math in the Class of 2016 and Beyond.

ADAPTIVE PE

Course Code: PEH101/PEH102

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1.0

Requirement: None

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.

MODIFIED WORLD HISTORY

Transcript Designation: B

Course Code: HST201/HST202

Grade Level: 10 and 11

Length of Class: Year-Long

Credit: 1

Prerequisite: Case Manager and History teacher approval

This is a modified version of World History for students on an IEP; which will allow students to access the curriculum. It is a two-year block of World and US History, co-taught with a general education teacher and a special education teacher. 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.

MODIFIED UNITED STATES HISTORY

Transcript Designation: B

Course Code: HST301/HST302

Grade Level: 10 and 11

Length of Class: Year-Long

Credit: 1

Prerequisite: Case Manager and History teacher approval

This is a modified version of United States History for students on an IEP; which will allow students to access the curriculum. It is a two-year block of World and US History, co-taught with a general education teacher and a special education teacher. 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.

CAREER CHOICES CLASS *

Transcript Designation: T

Course Code: BEC401/BEC402

Grade Level: 12

Length of Class: Year-Long

Credit: 1 English

Prerequisite: Case Manager approval

Career Choices allows students to combine classroom learning with job experience. In the class, students will:

- Research several career areas
- Develop a career plan for after high school
- Learn how to seek & secure a job
- Write a resume
- Prepare for an interview
- Develop Leadership and career readiness skills
- Explore the financial side of working
- Learn about paychecks, spending plans, budgeting, and planning for the life style they choose.

CAREER AND TECHNICAL EDUCATION (CTE)

Our Vision & Mission:

Students leave the Stanwood Career & Technical Education (CTE) Programs with marketable employability skills and levels of academic qualifications which allow them to choose among high-demand careers or pursue additional education / training.

Our CTE mission is to prepare all learners for successful roles in families, careers and communities.

Career and Technical Education (CTE) courses provide a variety of opportunities for students to explore their career interests while developing academic, technical, leadership, and practical skills in areas that are highly relevant to students and highly valued by employers and colleges in our region. Many of these courses are articulated with local college programs and provide college credit at no cost. In addition, CTE courses provide students:

- 21st Century Skill training
- Access to State of the Art Technologies
- Real World Projects and Activities
- Student Leadership Clubs including FBLA, SKILLS USA, TSA, FFA, and Sports Medicine Association
- Skill Competitions at the local, regional, state, and national levels
- Career and College Exploration and Connections
- Opportunities for Innovation and Creativity

Our Programs:

Stanwood High School offers students to take courses in a variety of CTE Program areas to develop their skills & career interests. These program areas include:

- Agriculture Education
- American Sign Language (ASL)
- Business Education
- Culinary Arts
- Fire Service Training
- Health Occupations & Athletic Training
- Technology Education (Woodworking, Construction, Engineering, Architecture, Manufacturing)
- Visual Communications
- Work Based Learning

Our Philosophy:

By experiencing one of the many courses within CTE, students can embark on a career journey that works for them, one that will be financially, academically and personally rewarding.

Given the long history and evolution of CTE (formerly called occupational or vocational education), many might assume the purpose of CTE is still to prepare young people who are "non-college bound" for direct entry into the workplace. Today's careers demand greater skills than ever before. American economics and our workforce rely on a well-trained and educated employee. Stanwood-Camano School District's CTE programs are designed to prepare students for future jobs or for advanced placement in colleges, trade schools or other training institutions after high school.

Students participate in CTE programs for a variety of reasons. In the Stanwood-Camano School District the Career & Technical Education program

- supports students in the acquisition of rigorous core knowledge, skills, habits and attitudes needed for success in post-secondary education and the high-skilled workplace;
- engages students in specific career-related learning experiences that equip them to make well-informed decisions about further education and training and employment opportunities; and
- prepares students who choose to enter the workforce directly after high school with levels of skill and knowledge in a particular career area that will be valued in the marketplace.

The CTE Staff believes that all coursework, with clearly articulated standards and expectations, assists students in building the mix of skills, aptitudes and attitudes they will need for success after high school.

In CTE we set the stage for our students' future successes by focusing on the new three R's -- rigor, relevance, and relationships. The CTE programs meets the demand for greater work force skills by relying on the knowledge and skills of professionals from career fields to provide direction of students to learn, to do, and to produce. Our instructors come from a successful career in their industry and/or college background and maintain close ties with their business/industry to keep pace with technical advancements and methods. From their own experience and continuous contact with industry and business, instructors know what students need for successful employment and further training.

For More Information:

Stanwood Career & Technical Education: <http://cte.stanwood.wednet.edu/>

AGRICULTURE EDUCATION

SCIENCE EXPLORATIONS

Transcript Designation: S, B

Course Code: SCI160

Grade Level: 9

Length of Class: Year-Long

Credit: 1 Lab Science

Prerequisite: None

Science Explorations is an algebra-based science course focusing on the Washington State Science Learning Standards for physical and earth science with laboratory investigations included in each unit. Students will develop knowledge and skills that utilize the Science and Engineering Practices outlined in the NGSS standards.

ANIMAL SCIENCE

Transcript Designation: S

Course Code: CTA231/CTA232

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or Lab Science, Biology

Prerequisite: None

An applied laboratory science class focusing on the Washington State Standards of life science using scientific inquiry and problem-solving approaches. Animal Science centers on the science of the animal. The focus is based on production agriculture. This is an Algebra-based science. Students will learn about:

- Cells and Tissues, Genetics, Reproduction and Breeding, Nutrition and Health
- Proper techniques to work with animals safely
- How an animal functions inside and out
- How to select and produce healthy animals
- Animal care, based on its needs
- Leadership and career readiness skills

*Approved for Biology credit based on State Course Equivalency

VETERINARY SCIENCE

Transcript Designation: S

Course Code: CTA331/CTA332

Grade Level: 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 a career in the veterinary or animal production industries. Laboratory techniques used by a veterinary assistant will be practiced. Students will work with various animals as a regular part of this course. Students will learn about:

- Veterinary terminology
- How an animal functions inside and out
- Techniques for performing lab tests for animal health
- How to conduct clinical exams on a variety of species
- Skills to care for an animal's overall health
- Proper techniques to work with animals safely
- Leadership and career readiness skills

*Not NCAA Approved

HORTICULTURE (Plant Science)

Transcript Designation: S

Course Code: CTA221/CTA222

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or Lab Science, Biology

Prerequisite: None

An applied laboratory science class focusing on the Washington State Standards of life science using scientific inquiry and problem-solving approaches. Horticulture centers on the science of the plant. This is an Algebra-based science. Students will learn about:

- Cells and Tissues, Genetics, Reproduction and Breeding, Nutrition and Health
- Proper techniques to propagate & plant production
- Disease & pest management
- Application of knowledge in the greenhouse, garden, and landscape settings
- Marketing & sales of plants and related products
- Leadership and career skill readiness

*Approved for Biology credit based on State Course Equivalency

NATURAL RESOURCES I

Transcript Designation: S

Course Code: CTA241/CTA242

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or Lab Science, Biology

Prerequisite: None

An applied laboratory science class focusing on the Washington State Standards of life science using scientific inquiry and problem-solving approaches. Through hands on projects and activities, Natural Resource Students are introduced to the study of natural resources outdoors and in a classroom setting. Students will:

- Explore natural resources careers
- Learn about the concepts of systems, ecosystems, biomes, forest biology, ecology, and water resources
- Analyze soils and apply conservation strategies
- Explain the hydrologic cycle and how to protect water resources
- Apply a variety of forest, fish and wildlife conservation practices
- Understand the principles of forest & land management

*Approved for Biology credit based on State Course Equivalency

MECHANICAL TECHNOLOGY IN AGRICULTURE I (MECH TECH I)

Transcript Designation: T

Course Code: CTA251/CTA252

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. Through a hands-on STEM integrated approach students will:

- Explore and apply techniques in arc welding
- Develop skills in oxy-fuel and gas welding
- Repair and rebuild small gas engines
- Learn how to complete residential electrical wiring
- Be introduced to GTAW (TIG) and GMAW (MIG) welding
- Learn about basic construction techniques



MECHANICAL TECHNOLOGY IN AGRICULTURE II (MECH TECH II)

Transcript Designation: T

Course Code: CTA351/CTA352

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 advanced course in mechanical technology in agriculture applications. Through a hands-on STEM integrated approach students will:

- Explore career opportunities, surveying agricultural structures, and electric motors
- Develop advanced skills and techniques in Arc Welding
- Develop advanced skills in oxy-fuel gas welding
- Explore basic machining and sheet metal skills
- Learn GMAW (MIG) welding techniques
- Learn GTAW (TIG) welding techniques
- Utilized project planning and design skills
- Complete a required semester long project for home and/or community



FLORICULTURE AND GREENHOUSE PRODUCTION (Floral Design)

Course Code: CTA321

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. Leadership and career skill readiness is imbedded in the curriculum. *Not NCAA Approved *Does not meet CADR's requirement

LANDSCAPE AND NURSERY PRODUCTION (Landscaping)

Transcript Designation: S

Course Code: CTA322

Grade Level: 11, 12

Length of Class: Year-Long

Credit: 1 CTE or Lab Science

Prerequisite: Horticulture

Students will learn to construct landscape designs through hand-drawn designs, computer simulation, models and demonstration plots. Production, care and maintenance of landscape and nursery plants will be covered; as well as operation and maintenance of hand and power equipment used in landscaping and turf maintenance. Students will be designing, installing and maintaining landscapes.

SUPERVISED AGRICULTURAL EXPERIENCE (SAE)

Course Code: CTA599/CTA600

Grade Level: 9, 10, 11, 12

Length of Course: Year

Credit: 1 CTE

Prerequisite: Concurrent AgEd course. Student must be enrolled in another AgEd course at the same time.

This course is designed to establish knowledge and skills in various agricultural careers. Students will gain credit by establishing a project at their home, at a local business, or at their school after normal school hours. Students will be required to verify their experiences by keeping computerized records dealing with the finances and labor of their project. SAE lessons are imbedded in each agricultural course. SAE participation can lead to fulltime employment, scholarships, and awards through the FFA, a student leadership organization. This course is in addition to any other agriculture course and does not meet as a class but as independent study.

AMERICAN SIGN LANGUAGE

AMERICAN SIGN LANGUAGE I

Transcript Designation: B

Course Code: CTS121/CTS122

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: CTS221/CTS222

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.

FIRE SERVICE TECHNOLOGY

FIRE SERVICE TECHNOLOGY

Transcript Designation: T

Course Code: CTT311/CTT312 CTT313/CTT314 CTT315/CTT316

Grade Level: 11, 12

Length of Class: Year Long

Credit: 3 Credits (Can meet credit requirements in CTE, PE, and 3rd Year Science through course equivalency)

Prerequisite: None

This course will be offered in the morning for 2 ½ hours daily, 7:40-10:15 a.m. at various Camano Island Fire Stations

Students will take FST in the morning and then their required classes in the afternoon. The course will be housed off campus at local fire stations. Students will work in a classroom setting as well as outside in actual training situations. Instructional areas include: firefighting, fire prevention, inspection and investigation, leadership, alarm communications and fire dispatching, emergency medical services and safety awareness. Students must provide their own transportation. Firefighter certification available.



BUSINESS EDUCATION

DIGITAL DESIGN 1

Course Code: CTB121

Grade Level: 9, 10, 11, 12

Length of Class: 1 Semester (Tied to Digital Design 2)

Credit: 0.5 CTE or Fine Arts

Prerequisite: None

Digital Design 1 is intended for students interested in learning how to create and edit well designed graphics for professional use. Topics include fundamental 2D layout principles, developing vector and pixel-based images for print and web, color theory, principles of design, typography (letter & type design), copyright, career research, graphic file formats and resolution. Students will create original pieces, peer evaluate, and demonstrate a basic ability of design technique using Photoshop and Illustrator software. Promotional pieces may include product packaging, print ads, logos, brochures, collages, newsletters, posters, typography, and web materials. Adobe certification available.

DIGITAL DESIGN 2

Course Code: CTB122

Grade Level: 9, 10, 11, 12

Length of Class: 1 Semester (Tied to Digital Design 1)

Credit: 0.5 CTE or Fine Arts

Prerequisite: Digital Design 1

Digital Design 2 builds upon the skills learned in Digital Design 1 and challenges students with projects that are more complex, detailed and creative in nature. Students will explore the fundamentals of layout and design using Adobe InDesign. Digital photography will be available to enhance graphic imaging. Adobe certification available.

MICROSOFT ACADEMY

Course Code: CTB111/CTB112

Grade Level: 9, 10, 11, 12

Length of Class: 1 Year

Credit: 0.5 CTE

This class prepares students for the 21st century learning environment by covering the technology skills necessary to be successful in their high school courses and beyond. The Microsoft IT Academy is embedded into this course, which allows students to receive Microsoft Office Specialist (MOS) certification. Students are introduced to computer science using parts of the Code.org curriculum.

COMPUTER PROGRAMMING & GAME DESIGN

Course Code: CTB241/CTB242

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or Fine Arts

Prerequisite: None

This course will serve as an introduction to basic, yet essential, computer programming principles. We will use programs that operate with a drag-and-drop interface that helps students learn quickly by providing graphical representations for complex programming concepts. Students will design several different styles of games while learning important computer programming concepts. Unity certification available.

ADVANCED COMPUTER PROGRAMMING

Course Code: CTB341/CTB342

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or Fine Arts

Prerequisite: COMPUTER PROGRAMMING AND GAME DESIGN

This is an advanced class for students interesting in expanding their skills in the area of computer sciences. Topics include: computer programming, computer forensics, and careers in computer science. Unity certification available.

MULTIMEDIA I

Course Code: CTB221/CTB222

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or Fine Arts

Prerequisite: None

Designed as a survey course, students are introduced to different types of media used in media industry. Students will get hands-on experience planning, writing, directing, shooting, and editing video using professional software. Students will also learn how to use cameras, lighting, special effects, and audio editing software. Other course topics include editing images using Photoshop, copyright, and career exploration. This course provides relevant experiences and problem-solving skills that can be transferred to the world of work. Adobe certification available.

MULTIMEDIA II

Course Code: CTB321/CTB322

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or Fine Arts

Prerequisite: Multimedia I

This course builds on the foundations developed in the beginning multimedia course, giving students the opportunity to explore more advanced-level concepts and gain additional experience using software. Focus will be on developing advanced video editing skills and creating a digital portfolio. Students should be motivated, focused and able to work independently; using problem-solving skills. Many video projects will require shooting footage outside of the school day. Adobe certification available.

WEB PAGE DESIGN I

Transcript Designation: T

Course Code: CTB225/CTB226

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or Fine Arts

Prerequisite: None

Web Design is a hands-on, project-centered course in which students will learn proper techniques of web site design. Create professional-looking websites and learn to code using HTML, Dreamweaver, and Photoshop. This course emphasizes design elements involving layout, navigation, and interactivity. Students prepare for higher education or jobs in the Internet economy. Adobe certification available.

INTRODUCTION TO BUSINESS & ENTREPRENEURSHIP

Transcript Designation: T

Course Code: CTB101

Grade Level: 9, 10, 11, 12

Credit: .5 CTE

Length of Class: Semester Linked with Intro to Marketing

Prerequisite: None

In this semester-long class, students will study a broad range of business topics such as: The Economic Environment, Businesses in our Economy, Business Management and Leadership, The Global Economy, The Role of Consumers and Business Financial Management. Guest speakers from Rotary and the Chamber of Commerce are invited in to share their expertise and experiences. Typically, students have the opportunity to participate in a field trip to explore a variety of businesses.



INTRODUCTION TO MARKETING

Course Code: CTB102

Grade Level: 9, 10, 11, 12

Credit: .5 CTE

Length of Class: Semester Linked with Intro to Business

Prerequisite: None

What is Marketing? Marketing is satisfying customer's needs and wants. Marketing is all around us and used by all of everyone daily. In this course students will be introduced to the world of marketing. Using business models from industry experts like Nike, Adidas, XBOX, Disney, professional sports, and entertainment companies, students will learn about customer service, marketing research, product development and distribution. They will also learn how to market themselves, build confidence, and introduce new products and services in highly competitive and sometimes-international business environments.

LAW & JUSTICE 1

Transcript Designation: T

Course Code: CTB107

Grade Level: 9, 10, 11, 12

Credit: .5 CTE

Length of Class: Semester Linked with Law & Justice 2

Prerequisite: None

This class focuses on the developing in students the knowledge and skills necessary to participate in our constitutional democracy. In addition to the LAW & JUSTICE text, guest speakers are invited to present about their careers. Students in LAW & JUSTICE learn about current issues relating to law and the legal system in the United States. Topics include: Crime in America, Introduction to Criminal Law, Crimes Against the Person, Crimes against Property, Defenses, Juvenile Justice Issues and Constitutional Law Issues. The class LAW & JUSTICE is a great introductory course for anyone considering a career in the criminal justice field or law.

LAW & JUSTICE 2

Transcript Designation: T

Course Code: CTB108

Grade Level: 9, 10, 11, 12

Credit: .5 CTE

Length of Class: Semester Linked with Law & Justice 1

Prerequisite: None

LAW & JUSTICE 2 continues the exploration of topics and themes related to law-related education in a high school setting. Continues invitation of guest speakers along with a potential field trip to a local courthouse may be offered in addition to topical studies from the class textbook.

ACCOUNTING

Transcript Designation: T, Q

Course Code: CTB351/CTB352

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or 3rd Year Math

Prerequisite: None

Accounting prepares individuals to practice the profession of accounting and to perform related business functions. Students will develop knowledge and skills in:

- Accounting principles and theory
- Financial accounting
- Budget control
- Tax accounting
- Legal aspects of accounting
- Auditing
- Reporting procedures
- Statement creation and analysis

- Professional standards and ethics

PERSONAL FINANCE

Transcript Designation: T, Q

Course Code: CTB355/CTB356

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or 3rd Year Math, COE

Prerequisite: None

Do you want to live on your own? Do you want to learn how to make your money grow? As a young adult, you will be living independently in just a year or two and will have to make many financial decisions that could have long-term impacts on your financial security. This class will help you become better equipped at taking control of your financial future and will give you exposure to a variety of financial topics. This course focuses on student's roles as a citizen, student, family member, consumer, and active participant in the business world. Discover new ways to maximize earning potential, develop strategies for managing resources, explore skills for wise use of credit, and gain insight into different ways of investing money. Students will develop skills in:

- Budgeting & money management
- Saving and investing
- Buying goods & services
- Banking & finance
- Credit & debt
- Risk management & insurance

BUSINESS ENGLISH

Course Code: CTB401/CTB402

Grade Level: 11, 12

Length of Class: Year-Long

Credit: CTE or English

Prerequisite: None

Business communication affects all aspects of our lives. This course will teach students to communicate in a clear, courteous, concise, complete, and correct manner on both the personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. The overriding goal is to provide students with a solid communication base, so they are able to communicate effectively in the workplace. Students will develop a career plan for life after high school.

LEADERSHIP I, II, III, IV

Course Code: CTB145/CTB146

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: None

This course is intended for students who have an interest in developing their leadership capacity using the "servant leadership" model. Students develop this capacity through selected readings, memorizing quotes, giving speeches, serving as a Pen Pal, completing community service hours each quarter and assisting in the planning and production of select school-wide events and activities. This class focuses primarily on learning the language and theory of personal student leadership.

Through this 4 year sequence, students will continue to develop their skills. ASB Elected Officers and Class Officers are encouraged to take Leadership.



FAMILY & CONSUMER SCIENCES

CULINARY ARTS

Course Code: CTC111/CTC112

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: None

This course is for the student who is serious about food and the food industry. We will examine food-related careers, the flow of food from production to consumption, food safety issues, basic cooking techniques, food science and customer service. Students will be required to maintain a personal portfolio showing evidence of learning in each area explored through classroom activities. Each student will be offered the opportunity to acquire a food handler's card. You will leave this course with a better understanding and appreciation for the role of food service workers in our society. You will also have knowledge and experience with industry standards and basic skills. If you are creative, willing to work and enjoy serving others, you are sure to enjoy this class. If you are a picky eater, this course is NOT for you!

ADVANCED CULINARY ARTS

Course Code: CTC211/CTC212

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Culinary Arts

This is a year-long course ONLY for students who have completed Introduction to Culinary Arts. This course will focus on the creative aspects of cooking, as well as principles of food science, customer service and professionalism in the food service industry. We will study techniques of seasoning, functions of proteins in foods, international cuisine and many other food service related topics. Several times throughout the year we will be catering events, allowing students to truly experience the intricacies of planning with a client, preparing, plating, serving, cleaning up and evaluating an event. Students will be expected to complete one major research project. Serve Safe certification available.

HEALTH SCIENCE

INTRO TO HEALTH SCIENCES

Course Code: CTH201/CTH202

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: None

In this course students will explore various careers and opportunities in the health-care industry. They will learn skills and knowledge that prepare them for these opportunities. Classroom time is spent on the study of the muscular, skeletal, nervous, respiratory, digestive and cardiovascular systems as they relate to first aid/CPR, evaluation, recognition, treatment, rehabilitation, and prevention of injuries. The focus will be on patient care and treatment.

SPORTS MEDICINE II

Course Code: CTH301/CTH302

Grade Level: 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Successful completion of Sports Medicine I or Intro to Health Sciences

This course allows the student to continue to explore sports medicine through the study of nutrition, fitness, psychology, tissue response to injury, therapeutic modalities, and injury rehabilitation. Special emphasis is given to research projects and use the Internet to study current trends in sports injuries. **Must also be enrolled in Practicum II.**

SPORTS MEDICINE II – LAB/PRACTICUM

Course Code: CTH311/CTH312

Grade Level: 11, 12

Length of Class: Year-Long

Credit: 1

Prerequisite: Sports Med I, Must be enrolled in Sports Medicine II

In the practicum experience, the student is given the opportunity to apply the sports medicine skills learned in the classroom setting. Credit is earned through training-room observation, live game experience or working directly with a team as a student athletic trainer. Additionally, students may intern with a physical therapist or health provider to augment this practicum experience.

MEDICAL TERMINOLOGY

Transcript Designation: T

Course Code: CTH401/CTH402

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or 3rd Year Science

Prerequisite: None

This course will teach medical terminology of the major systems of the body, with emphasis on procedural and diagnostic suffixes and prefixes, basic word structure, and organization of the body. This course will be especially helpful to students interested in or entering medical careers such as nursing, medical assistants, physical therapy, EMT, paramedic, physicians, athletic training and imaging technicians.



TECHNOLOGY EDUCATION

BEGINNING WOODWORKING

Course Code: CTT101/CTT102

Grade Level: 9,10

Length of Class: Year-Long

Credit: 1 CTE, PPR, or Elective

Prerequisite: None

Emphasis of this class is the use, care, and operation of hand tools, portable power tools, and stationary machines. To work with these tools or machines the student will have to pass the terminology and usage test with an 80% or higher score and a 100% score on safety rules and operations.

WOODWORKING

Course Code: CTT121/CTT122

Grade Level: 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE, PPR, or Elective

Prerequisite: None

Requirements: Students will pass a safety exam; 80% on terminology and usage and 100% on safety. Students will learn about different types of machine operation, laying out of projects, calculating of board footage, face frame construction, joinery, gluing and clamping, wood identification, door and drawer construction, staining and finishing. Students will begin to develop skills for the construction and manufacturing industries. Students interested in cabinetry or furniture making skills and projects may retake this course to develop advanced skills.

CONSTRUCTION GEOMETRY

Transcript Designation: B, Q

Course Code: CTT250/CTT251 MAT213/MAT214

Grade Level: 10, 11, 12

Length of Class: Year-Long (2 Periods)

Credit: 1 Math (Geometry) 1 CTE, PPR, or Elective

Prerequisite: Algebra 1

A two-period block, team taught by a Math teacher and a Career and Technical Education teacher, where students will receive both (1.0) Geometry and a (1.0) CTE credit. This Contextual Learning program connects the content taught in Geometry with the hands-on skills that are used in the construction industry. In Construction, students will receive hands-on experience:

- Laying out and building stairs
- Wall and floor framing
- Window and door installation
- Roof construction
- Surveying and plot layout

In Geometry, students will cover all content taught in a regular Geometry class at a pacing modified toward the construction process:

- Objective: Same as Geometry (Earn Second Mathematics Credit for Graduation Requirement and Algebra 2 Preparation)
- 1st Semester Topics: Polygons and Quadrilaterals, Trigonometry, Perimeter, Area, Spatial Reasoning, and Attributes of Triangles
- 2nd Semester Topics: Geometric Reasoning, Parallel and Perpendicular Lines, Properties and Transformational Geometry

ENGINEERING DESIGN I

Transcript Designation: T

Course Code: CTT201/CTT202

Grade Level: 9, 10, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or Fine Arts*

Prerequisite: None

Students dig into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software. Students will:

- Learn to use 2D & 3D CAD software
- Design and Produce parts using a 3D Printer
- Utilize a laser cutter to create projects
- Develop basic electronics skills
- Create structural engineering plans
- Produce a variety of 3D engineering graphics

CAD/CAM

Transcript Designation: T

Course Code: CTT221/CTT222

Grade Level: 10*, 11, 12

Length of Class: Year-Long

Credit: 1 CTE or 3rd Year Math

Prerequisite: 10th Grade Students must take Engineering 1 Prior to taking CAD/CAM

It is recommended that 11-12th Grade students take Engineering 1, however it is not required for them.

Students will learn how to use 3D Solid Modeling Software (SolidWorks) to design and produce products using CNC (computer controlled) equipment. This is an essential course for anyone entering the engineering, manufacturing, aerospace, or machinist fields.

Students will:

- Develop the skills necessary to achieve certification-using SolidWorks
- Program and operate CNC mills & routers
- Design parts Produce projects utilizing a variety of manufacturing techniques Solid Works certification available.

ENGINEERING DESIGN II

Transcript Designation: T

Course Code: CTT231/CTT232

Grade Level: 11, 12

Length of Class: Year-Long

Credit: 1 CTE or Fine Arts

Prerequisite: CAD/CAM

This capstone course allows students to design a solution to a technical problem of their choosing. In this course students will research, design, test, and construct a solution to an open-ended engineering problem. Students are able to apply all the skills and knowledge learned in previous courses. The use of 3D design software helps students design solutions to the problems.

ROBOTICS

Course Code: CTT241/CTT242

Grade Level: 11, 12

Length of Class: 1 Year

Credit: 1 CTE or 3rd Year Science

A course that exposes individuals to the use of basic engineering principles and technical skills in developing and using robotics. Includes instruction in the principles of robotics, design and operational testing, system maintenance and repair procedures, robotics, computer systems, control language, and safety.

RAP CONSTRUCTION

Transcript Designation:

Course Code: RAP100/RAP101

Grade Level: 11, 12

Length of Class: Year-Long

Credit: 3.0 (1 CTE, 1 3rd Year Math, 1 3rd Year Science)

Prerequisite: None

Regional Apprenticeship Pathways Architecture and Construction is offered to students interested in gaining pre-apprenticeship skills in the areas of Architecture and Construction through hands on experiences in the construction process. Students will gain valuable transferable skills leading to industry certification, college credit and certification as well as preferred entry into a professional apprenticeship while learning alongside students from surrounding districts. Previous construction/woodworking related coursework or experience is advantageous but not required. This course will be offered in the afternoons (11:40 - 2:10) at Marysville Pilchuck High School. Students must provide their own transportation.



VISUAL COMMUNICATIONS

PHOTOGRAPHY I

Transcript Designation: B
Course Code: CTB127/CTB128
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: None

In Photography I, 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: CTB227/CTB228
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: Photography I or Photojournalism

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.

YEARBOOK

Course Code: CTB327/CTB328
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 OnLine Design 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. Adobe certification available. *Does not meet CADR's requirement

WORKSITE LEARNING/ CAREER CHOICES

CAREER CHOICES CLASS

Course Code: CTE101/CTE102
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1
Prerequisite: None

Career Choices allows students to combine classroom learning with job experience. In the class, students will:

- Research several career areas
- Develop a career plan for after high school
- Learn how to seek & secure a job
- Write a resume
- Prepare for an interview
- Develop Leadership and career readiness skills

CAREERS IN EDUCATION

Course Code: CTE431/CTE432
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1
Prerequisite: None

This year long class will be offered to Juniors and Seniors who are interested in a career in the field of education. Students will learn a strong foundation of knowledge and skills related to the education system. Students will be linked with elementary/middle school teachers and will work cooperatively to assist students with their education.

WORKSITE LEARNING

Course Code: CTE421/CTE422
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1-2
Prerequisite: None
Requirement:

- (1) Currently enrolled in or have successfully completed a CTE class related to the student's career pathway and worksite
- (2) Age 16 before enrolling
- (3) Must provide own transportation to/from/during the Worksite Learning experience

Course Description: This course allows students to apply their skills in the workplace. Students may earn 1 credit for working 360 hours (approximately 11 hours per week). Students will:

- Apply skills and concepts learned in Career and Technical Education courses in a real-life work setting.
- Gain occupational and employability skills while applying and advancing your knowledge in academic and technical areas.
- Gain exposure and experience while obtaining instructional training in a specific career pathway of your own choosing.
- Be responsible for obtaining their own worksites.

CAREER EXPLORATION OPPORTUNITES

Course Code: CTE401/CTE402
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1

Prerequisite: 16 years of age and approval of the WBL Coordinator
 This program is designed to give students an opportunity to apply their knowledge and skills as they intern in the career area of interest at a local community business. The goal of the program is to help students learn specific job-related skills, awareness of the career pathway, develop marketable skills, good work habits and emphasize leadership skills. Students must provide their own transportation. Students will develop their plan in conjunction with the WBL coordinator.