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 Mathematics and Science sections)

**MATH**
- AP CALCULUS AB

**SCIENCE**
- CHEMISTRY
- AP CHEMISTRY
- PHYSICS
- AP PHYSICS B
- AP PHYSICS C

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

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

Advantages of College in the High School
1. Tuition expense is substantially reduced. 2013 fees through College in the High School are $39.60 per credit. In-state students normally pay $106.32 per credit at Everett Community College.
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 teachers who also qualify to teach college level courses.
5. Students can participate in high school extracurricular activities.
What is Tech Prep?
Tech Prep courses align Career and Technical Education classes at Stanwood High School to courses offered at Everett Community College. The Tech Prep program creates an opportunity for students to **earn both high school credits for graduation while earning college credit.** EvCC’s Tech Prep program is accessible to ALL high school students with no costs involved. Because there is no charge for college tuition and students do not need to purchase textbooks or provide transportation, the savings for students, parents and taxpayers is significant.

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

How Can I Get College Credit Now?
Enroll in a Tech Prep class at your high school. Talk to your teacher or Career & Technical Education Office if you’re unsure. Earn a grade of “B” or better. During the 2011-2012 school year, over 245 students earned 1234 credits.

Need More Information?
Contact the Stanwood High School Career & Technical Education Office at (360) 629-1313.
**ARTS, VISUAL, MUSIC, AND PERFORMING**

**ART I**
Transcript Designation: B
Course Code: PAA110
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: None

Art 1 is a foundation class for students of all skill levels interested in learning basic art techniques and design principles. Evaluations are based on improvement and completion of work. Modest materials fee. A small supply list will be given and required daily.

**GLASS**
Course Code: PAA215
Grade Level: 10, 11, 12
Length of Class: Semester
Credit: 1 Fine Arts
Prerequisite: Art 1 or Graphic Arts 1

This course will introduce students to glass blowing, sandblasting, and cutting techniques for both artistic and practical design problems. Students will learn glass fusing techniques as well as pattern making, lead and copper foil construction, and sandblasting. Second-semester students will learn more advanced cutting techniques as well as dimensional construction methods for cutting complex glass shapes and work on larger pieces.

**GRAPHIC ARTS I**
Transcript Designation: B
Course Code: VIS250
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: None

This course introduces the student to conceptual and technical aspects of graphic design and illustration. Students develop the art of solving communication problems to address practical design problems encountered in creating advertising for the current market place. Emphasis is placed on both technical and artistic proficiency.

**GRAPHIC ARTS II**
Transcript Designation: B
Course Code: VIS350
Grade Level: 10, 11, 12
Length of Class: 10, 11, 12
Credit: 1 CTE or Fine Arts
Prerequisite: Graphic Arts 1
Required Materials fee $30

The advanced graphic design course extends drawing, design, and computer technology skills as a means of communicating ideas. Students are expected to demonstrate effective project management skills.

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

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

**PHOTOGRAPHY I**
Transcript Designation: B
Course Code: VIS260
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: None
Required Materials fee of $30.00, (with this fee the student will receive their own USB storage device) 4GB Compact Flash or SD memory card

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: VIS360
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: Photography I and instructor recommendation
Required: Materials fee of $30.00, (with this fee the student will receive their own USB storage device) 4GB Compact Flash or SD memory card

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

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

This course is based around digital photography and how it relates to Journalism. Students will work with industry-related software and equipment and gain many hours of practical experience shooting events for the school newspaper, the Spartan Spectrum. Topics include everything from equipment selection, camera handling and digital concepts to color, composition, and perspective. Students will work with the industry-standard photo editing software, Photoshop, to edit their photos. Although most of the coursework will be completed during class, students will be required to attend a couple of events outside of the school day (athletic events, club activities, art/music/drama related events, etc.) each quarter. This course is a combination of technical knowledge, artistic presentation, and the practical application of skills in a Journalism setting.

*Does not meet CADR’s requirement

**PHOTOJOURNALISM II**
Course Code: Bus 550
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: Photojournalism I or instructor recommendation
Required: Materials fee of $20.00
Photography skills and explore photography and Photoshop in more detail. Students will gain practical experience in the industry by shooting events for the school newspaper, the Spartan Spectrum. Students will create a portfolio of their photos and have the opportunity to create an AP photo project.

*Does not meet CADR’s requirement

**MULTIMEDIA I**

*Transcript Designation T*

*Course Code: BUS360*

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

*Length of Class: Year-Long*

*Credit: 1 CTE or Fine Arts*

*Prerequisite: None*

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

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

*Does not meet CADR’s requirement

**MULTIMEDIA II**

*Transcript Designation T*

*Course Code: BUS460*

*Grade Level: 10, 11, 12*

*Length of Class: Year-Long*

*Credit: 1 CTE or Fine Arts*

*Prerequisite: Multimedia I*

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

*Does not meet CADR’s requirement

**YEARBOOK**

*Course Code: VIS444*

*Grade Level: 10, 11, 12*

*Length of Class: Year-Long*

*Credit: 1 CTE or Fine Arts*

*Prerequisite: Complete Yearbook Application*

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

*Does not meet CADR’s requirement

**ACTING I AND II**

*Transcript Designation B*

*Course Code: PAA230*

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

*Length of Class: Year-Long*

*Credit: 1 Fine Arts*

*Prerequisite: None*

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

**ACTING III AND IV**

*Transcript Designation B*

*Course Code: PAA235*

*Grade Level: 10, 11, 12*

*Length of Class: Year-Long*

*Credit: 1 Fine Arts*

*Prerequisite: Acting I & II or instructor permission*

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

**TECHNICAL THEATER**

*Transcript Designation B*

*Course Code: PAA355*

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

*Length of Class: Year-Long*

*Credit: 1 Fine Arts*

*Prerequisite: Acting I and II*

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

**CONCERT BAND**

*Transcript Designation B*

*Course Code: MUS120*

*Grade Level: 9*

*Length of Class: Year-Long*

*Credit: 1 Fine Arts*

*Prerequisite: None*

This class is for 9th grade students who have completed 8th grade band. Students will review basic skills (scales, rhythms and theory) and audition for Symphonic Band at the beginning of 4th quarter. Study will be focused on interpretation, listening, phrasing, blend and balance. Attendance is required at all concerts, festivals, competitions and other selected community performances. All students are expected to be in Marching Band; however, in the event that a student is unable to meet this requirement, an alternative assignment option is available by consulting with the instructor.

**SYMPHONIC BAND**

*Transcript Designation B*

*Course Code: MUS220*

*Grade Level: 10, 11, 12*

*Length of Class: Year-Long*

*Credit: 1 Fine Arts*

*Prerequisite: Concert Band*

This class is for 10th grade students who have completed Concert Band. Continued study on musical interpretation, listening, phrasing, blend and balance will be applied to higher levels of literature. Students will have the opportunity to audition for Wind Ensemble at the beginning of 4th quarter. Attendance is required at all concerts, festivals, competitions and other selected community performances. All students are expected to be in Marching Band. However, in the event that a student is unable to meet this requirement, an alternative assignment option is available by consulting with the instructor.

**PERCUSSION**

*Transcript Designation B*

*Course Code: MUS330*

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

*Credit: 1 Fine Arts*

*Prerequisite: Percussion in middle school*

Emphasis is placed on all aspects of percussion (marching, mallets, timpani, auxiliary and drum set). Attendance is required for all events that involve ensemble, marching band, concert bands and percussion ensemble functions. ALL percussionists are in this class.
ACOUSTIC SIX STRING
Transcript Designation  B
Course Code: MUS260
Grade Level: 9, 10, 11, 12
Credit: .5 Fine Arts
Semester Linked with Guitar Applications
Prerequisite: None
Required: Students to provide their own Classical, Acoustic or Folk guitar
This class is an introduction to learning guitar. Students will gain knowledge in note reading, rhythms, chords and music theory. The students will be required to provide their own classical, acoustic or folk guitar.

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

WIND ENSEMBLE
Transcript Designation  B
—By Audition Only—
Course Code: MUS320
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: Symphonic Band or instructor permission
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 the interpretation, listening, phrasing, and blend balance. Attendance is required at all concerts, festivals, competitions and other selected community performances.

JAZZ BAND
Transcript Designation  B
—By Audition Only—
Course Code: MUS325
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 Fine Arts
Prerequisite: None
Required: Concurrent enrollment in MUS120, MUS220 or MUS320. Jazz Band meets in the morning one hour before school starts. Jazz Band is an opportunity for students already in band to expand their musical awareness into areas of classic, contemporary, Big Band/Combo Literature music. 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 and concerts and to participate for the year.

The following is provided by the district: facilities, equipment of major expense (concert percussion, marching percussion, tuba, piano, bassoon, baritone, and tenor saxophone) and band uniform. The student is responsible for providing instrument if playing the piccolo, flute, clarinet, oboe, alto and tenor saxophone, trumpet, or trombone; marching shoes and black socks for band uniform.

CHAMBER CHOIR
Transcript Designation  B
—By Audition Only—
Course Code: MUS300
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 10th through 12th graders. It is designed to be a well-balanced, high-quality soprano, alto, tenor, bass choir. Chamber Choir tours, competes in large group choral competitions, and has numerous performances annually.

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

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

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

ENGLISH 10
Transcript Designation  B
Course Code: ENG210
Grade Level: 10
Length of Class: Year-Long
Credit: 1
Prerequisite: None
Sophomore English is a required two-semester course consisting of an introduction to poetry, the short story, the novel and drama as forms of literature. Units in the library are included to provide the student with research skills and to acquaint him/her with a variety of sources used in the research process. The course develops writing skills and students are required to demonstrate proficiency in reading and writing for a variety of purposes.

HONORS ENGLISH 10
Transcript Designation  H, B
Course Code: ENG220
Grade Level: 10
Length of Class: Year-Long
Credit: 1
Prerequisite: B+ or higher grade in both semesters of English 9; application is required.
This course is another option for fulfilling the two-semester 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.

CREATIVE WRITING
Transcript Designation  B
Course Code:  ENG328
Grade Level: 11, 12
Length of Class:  Semester
Credit:  .5
Prerequisite: None
Creative Writing is a semester course where students will have the opportunity to develop their writing skills. Writing styles studied will include expository (essay, memoir) as well as imaginative (short story, drama, poetry). The writing process will be used. Prewriting activities, first drafts, editing, and final drafts will be submitted with completed works. Students will edit each other's work. A portfolio of student writing samples will be created.
*NCAA Approved Course

DEBATE/PUBLIC SPEAKING
Transcript Designation  B
Course Code:  ENG370
Grade Level: 11, 12
Length of Class:  Semester
Credit:  .5
Prerequisite: None
This course is designed to enhance student communication and public speaking skills for audiences of various sizes through a variety of modes including, but not limited to, demonstrative, informative and persuasive presentations. It also serves to provide students with an introduction to competitive high school speech and debate activities. The debate models we will explore are Lincoln-Douglas and Public Forum debate. Effective speakers are passionate about their topics so while the class focuses on the skills of speech and debate it offers a great deal of choice in topics for every assignment.
*NCAA Approved Course

POETRY & COMPOSITION
Transcript Designation  B
Course Code:  ENG385
Grade Level: 11, 12
Length of Class:  Semester
Credit:  .5
Prerequisite: None
"Poetry is thoughts that breathe and words that burn." (Thomas Gray) This course will help students to better understand and appreciate poetry. Students will take an in-depth look at different styles of poetry from ancient Greece to modern USA and will learn to analyze poems for structure and meaning, and how to effectively recite poetry. Students will experiment with creating their own poems and create a portfolio of work.
*NCAA Approved Course

INTRODUCTION TO FILM STUDIES & COMPOSITION
Transcript Designation  B
Course Code:  ENG360
Grade Level: 11, 12
Length of Class:  Semester
Credit:  .5
Prerequisite: None
This course provides students with an introductory study of 20th-21st century motion picture. Students taking this course will gain a beginning knowledge of the motion picture industry, an appreciation for the art of film, and a critical appreciation of (American) cinema through guided viewing, selected by history and/or genre. This course will regularly include listening, viewing, reading (film literature), short compositions, and group discussions. Students will further demonstrate their understanding of film through individual and small group projects (script writing, storyboards, short filmed scene, for example) and other assessments.
*Not NCAA approved

WOMEN'S LITERATURE AND COMPOSITION
Transcript Designation  B
Course Code:  ENG379
Grade Level: 11, 12
Length of Class:  Semester
Credit:  .5
Prerequisite: None
Students will read a variety of classic through contemporary texts written by women to develop and reinforce critical thinking and analytical skills. Students will be expected to demonstrate these skills in written composition and oral communication, and to regularly work on reading skills. Students will explore concepts in literature designed to foster student understanding and appreciation for the conventions, styles, themes of women writers. Gender strongly impacts one’s perspective of and experience in the world. Students will take an in-depth look at various female authors’ differing styles, the cultural and historical influence on literature and society.
*NCAA Approved Course

AMERICAN LITERATURE & COMPOSITION
Transcript Designation  B
Course Code:  ENG315
Grade Level: 11, 12
Length of Class:  Semester
Credit:  .5
Prerequisite: None
This is a general survey one semester course of American literature, poetry and drama. Students will explore texts to learn more about America's literary history and to develop their skills in reading, literary analysis, and critical thinking. Students will demonstrate these skills through guided reading practices, written compositions, and oral communication. Study skills for college preparation will be emphasized, and students may also be required to research topics for class presentation and written assignments.

HEROIC AND EPIC LITERATURE & COMPOSITION
Transcript Designation  B
Course Code:  ENG338
Grade Level: 11, 12
Length of Class:  Semester
Credit:  .5
Prerequisite: See above
Heroic and Epic stories have been alive since the beginning of time. Heroes often reflect a culture’s values and beliefs while the Hero’s Journey reflects the cycle of life and the journeys each of take to get through it. This course will study the development of the hero, the stages of the Hero’s Journey, and the elements of an epic through a variety of literature including mythology, short stories, novels, plays, poetry and film. Students will be required to read and respond to the literature in a variety of ways including tests, projects/presentations, and written analysis.
*Not NCAA Approved Course

NATURE LITERATURE AND COMPOSITION
Transcript Designation  B
Course Code:  ENG364
Grade Level: 11, 12
Length of Class:  Semester
Credit:  .5
Prerequisite: None
Nature Literature and Composition is a one-semester course devoted to nature writing and literature, including adventure, the environment, travel, fishing and hunting. Students will read various nature literature genres—novels, short stories, drama, poetry, essays, memoirs, and literary journalism—which will serve as a basis for exploring personal responses to important themes in literature and as a foundation for thinking, writing, and speaking. Students will explore nature writing from the prewriting generation of ideas through drafting and revising to the final publication of various writing assignments.
*NCAA Approved Course
In this course we will explore representations of virtual reality in literature (short stories, novels, articles, and film). These representations constitute an interesting sub-genre of science fiction, but they are also metaphorical windows into significant cultural changes—challenges in ideas about personal identity and the relationship between the mind and the body. The discourse will begin with philosophical backgrounds provided by Plato and Descartes, providing a way to see virtual reality as a contemporary manifestation of a set of ideas that have a long cultural history.

NOTE: This is a college preparatory course. Students will be required to purchase one novel for the course.  
*NCAA Approved Course

CP CONTEMPORARY LITERATURE & COMPOSITION

Transcript Designation: B  
Course Code: ENG355  
Grade Level: 11, 12  
Length of Class: Semester  
Credit: .5  

Prerequisite: See above  

The purpose of this semester course is to continue to foster an understanding of, and appreciation for, the conventions and styles of contemporary literature. Readings will include works by a variety of modern-day authors. Students will take an in-depth look at contemporary authors’ differing styles and structures of writing, cultural/historical influences, as well as the authors’ influences on literary and cultural landscapes. Students will respond to the literature through formal and informal writing assignments.  
*NCAA Approved Course

AP LANGUAGE AND COMPOSITION

Transcript Designation: A, B  
Course Code: ENG425  
Grade Level: 11, 12  
Length of Class: Year-Long  
Credit: 1  

Pre-requisites:  
For incoming 11th graders:  
• At least a B in both semesters of Honors English 10 OR an A in regular English 10 with teacher recommendation  
• Proficiency on 10th grade reading/writing HSPE  
• Completion of a summer reading/writing assignment  
For incoming 12th graders:  
• At least a B in two semesters of CP English OR a passing grade in AP Language & Composition  
• Completion of a summer reading/writing assignment

This is a college-level, year-long course with a focus on literary analysis of poetry, drama, and fiction. Literature surveyed will span Anglo-Saxon epics through the 21st century. Participating in small and large group discussions and practicing advanced composition skills are a regular classroom practice, including timed in-class essays. Students should expect a heavy reading load (nightly homework) and a rigorous pace of assignments. This course is an opportunity to broaden your reading tastes, challenge yourself, and sharpen your critical thinking skills. Students are expected to take the AP exam in May, which may earn them college credit.  
*NCAA approved course
HEALTH AND FITNESS

HEALTH 9
Course Code: PEH111
Grade Level: 9
Credit: .5
Semester Linked with P.E. 9
Prerequisite: None
Health is required for all 9th graders and is a graduation requirement. The 9th grade year is a time of many changes and many decisions. Health is designed to help students learn about their changing bodies, to aid them in maintaining optimum health as a life-long process, to show students how to take responsibility for making healthy choices. Units include: mental health, stress, self-esteem, peer pressure, refusal skills, decision-making, nutrition, sexuality, smoking, alcohol, and drugs. This class will include the Health and Fitness Classroom Based Assessments.

PE 9
Course Code: PEH112
Grade Level: 9
Credit: .5
Semester: Semester/Linked with Health
Prerequisite: None
Required: P.E. Uniform
This class focuses on the development of physical fitness, an individualized FITT plan, and a better understanding of team and individual activities. You will also focus on the ability to work with peers and gain the knowledge, skills and confidence to make positive decisions, which promote a physically active and healthy life. Activities will include: team and individual sports and physical fitness/conditioning. Written rules, skills and fitness tests may be given in all units.

9th WEIGHT TRAINING
Course Code: PEH120
Grade Level: 9
Credit: .5
Length of Class: Semester
Prerequisite: None
Required: P.E. Uniform
This class is designed to introduce students to the high school conditioning and strength program. This is a rigorous class and students are expected to work at high levels of intensity in both running and weight training. Students will be graded on their daily performance as well as their improvements in strength, cardiovascular endurance, speed and agility. All students are welcome, but in particular, student athletes are encouraged to take this class.

WEIGHT TRAINING FOR FITNESS
Course Code: PEH313
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: .5
Prerequisite: PE 9
Required: P.E. Uniform
This class is focused on developing an individualized fitness plan focused on the five components of fitness. Students will gain knowledge in overall body conditioning, nutrition and the importance of developing the major muscles needed to maintain a healthy lifestyle. It consists of weight room training 2-3 days a week and 2-3 days of conditioning activities which may include circuit/interval training, plyometric training, running and jumping rope. All students are welcome, but in particular, student athletes are encouraged to take this class.

ZERO PERIOD WEIGHT TRAINING
Course Code: PEH320
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: .5
Prerequisite: PE 9
Required: P.E. Uniform
This class is focused on developing an individualized fitness plan focused on the five components of fitness. Students will gain knowledge in overall body conditioning, nutrition and the importance of developing the major muscles needed to maintain a healthy lifestyle. It consists of weight room training 2-3 days a week and 2-3 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.

ADVANCED WEIGHT TRAINING/CONDITIONING FOR THE ATHLETE
Course Code: PEH413
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: .5
Prerequisite: PE 9
Required: P.E. Uniform
Designed for sophomore, junior, and senior students who turn out for any school athletic team. Instruction will focus on the development of large muscle groups, maintain muscular conditioning, increase coordination, confidence and self-image. A letter grade will be earned if taking the class to fulfill a physical education requirement. May be repeated as it is a progressive course. All students are welcome, but in particular, student athletes are encouraged to take this class.

TEAM SPORTS
Course Code: PEH301
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: .5
Prerequisite: PE 9
Required: P.E. Uniform
This class provides the student with the opportunity to participate in team sports and focus on advanced skill development. Units may consist of volleyball, basketball, soccer, softball, flag football, team handball, and fitness/conditioning. General sport knowledge as well as personal fitness will be emphasized. Grades are based on attendance, effort, attitude, fitness testing and game rules.

COMPETITIVE TEAM SPORTS
Course Code: PEH350
Grade Level: 10, 11, 12
Length of Class: Year-Long
Prerequisite: 9th PE
Required: P.E. Uniform
This class will provide students an opportunity for a more competitive team sports experience, similar to intramurals. Team sports such as Basketball, Flag Football, Team Handball, and Softball will be offered and explored in depth with a highly competitive focus. Tournaments and skill development for each sport will be taught as well as rules, strategies, sportsmanship, teamwork, and officiating. The five components of fitness will be taught within this class including Cardiorespiratory Endurance, Strength, Muscular Endurance, Flexibility, and Body Composition. Resting Heart Rate and Target Heart Rate concepts will be taught and students will track their progress throughout the year.

WALKING CLASS—SPARTAN STRIDE
Course Code: PEH618
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: .5
Prerequisite: PE 9
Required: P.E. Uniform
Students will be required to participate in daily on and off campus walks. Instruction will include safety rules, proper walking techniques, cardiovascular fitness and the benefits walking can provide for a person's overall lifetime fitness. Grades are based on attendance, effort, attitude, written homework assignments and timed walking tests.

2013-2014 SHS Course Catalog
MATHMATICS

PRE-ALGEBRA
Transcript Designation Elective
Course Code: MAT108
Grade Level: 9
Length of Class: Year-Long
Credit: 1.0
Prerequisite: None
This is a math course to teach students the basic skills that will be needed to be successful in Algebra. This course does not count as one of the math courses required for graduation. Freshmen who did not pass 8th Grade Math should register for this course.

ALGEBRA I
Transcript Designation B
Course Code: MAT110
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1
Prerequisite: Pre-Algebra or 8th Grade Math
Algebra extends the arithmetic skills and concepts learned in middle school, providing a computational foundation, which is applied in Geometry and Algebra 2. Students will explore signed numbers, linear equations, simultaneous equations, quadratic equations, graphs, special products and factoring, real numbers, irrational numbers and inequalities. This course is a graduation requirement for the Class of 2015 and beyond.

ALGEBRA II
Transcript Designation B
Course Code: MAT320
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1
Prerequisite: Geometry
This is a highly recommended course for any student planning on college or university education. The course covers real numbers, complex numbers, linear, polynomial and exponential functions, transformations, logarithms, and probability. This course is a graduation requirement for the Class of 2015 and beyond.

HONORS ALGEBRA II
Transcript Designation H, B
Course Code: MAT330
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1
Prerequisite: 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.

GEOMETRY
Transcript Designation B
Course Code: MAT220
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1
Prerequisite: Algebra I
Geometry is an essential course for any student considering college. The course covers logic, inductive and deductive reasoning, forming proofs, congruence, similarity, polygons, construction, loci, coordinate geometry, transformations, area, volume, right triangles and an introduction to trigonometry. This course is a graduation requirement for the Class of 2015 and beyond.

PRE-CALCULUS
Transcript Designation B
Course Code: MAT421
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1
Prerequisite: Algebra II
Pre-calculus is for students who plan to enter a 4 year university. The course covers mathematical reasoning, polynomial functions, inequalities, exponents and logarithms and their functions, analytic geometry, trigonometric functions and identities, complex numbers, and limits.

CALCULUS
Transcript Designation B
Course Code: MAT500
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1
Prerequisite: Pre-Calculus
A year-long course covering the following areas: rates of change of functions, derivatives and their applications, integration and related applications and the calculus of transcendental functions (inverse, logs and exponential). Calculus and AP Calculus cannot both be taken for credit.

AP CALCULUS AB
Transcript Designation A, B
Course Code: MAT520
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1
Prerequisite: Pre-Calculus
A year-long course designed to be equivalent to a rigorous year-long college calculus course. This course covers rates of change of functions, derivatives and their applications, integration and related applications, limits, and the calculus of transcendental function (inverse, logs and exponential). A feature of this course is a month of review prior to the AP test in May. Students are strongly encouraged to take the AP test for possible college credit. Calculus and AP Calculus cannot both be taken for credit.

AP CALCULUS BC
Transcript Designation A, B
Course Code: MAT530
Grade Level: 12
Length of Class: Year-Long
Credit: 1
Prerequisite: AP Calculus AB
The AP Calculus BC course will be taught as a continuation of AB Calculus for students who have taken that course in their junior/sophomore years and/or students who have taken a calculus course at the college level. We will review the major concepts from AB Calculus to start the year and then continue on with the additional Calculus concepts covered under the BC curriculum in differential and integral calculus, and polynomial approximations and series.
AP STATISTICS
Transcript Designation: A, B
Course Code: MAT550
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1
Prerequisite: Algebra II
AP Statistics is a year-long course that gives students the opportunity to earn college credits. Statistics is important in many professions and is a key part in many sciences and political sciences. The course will cover the following topics: exploring data with both 1 and 2 variables, collecting data by planning and conducting a survey or experiment, finding and anticipating patterns by using probability, and estimating populations using statistical inference.

EXPLORATION OF ADVANCED MATHEMATICS
Transcript Designation: B
Course Code: MAT510
Grade Level: 12
Length of Class: Year-Long
Credit: 1
Prerequisite: Calculus
This is a year-long course that gives students who have passed Calculus the opportunity to experience the basic concepts of a variety of topics in mathematics including Non-Euclidean Geometry, Number Theory, Linear Algebra, Infinite Sequences and Series, Discrete mathematics, and Vector Calculus. The objective of this course is to give students a foundation in these topics so that they will be more prepared to take these courses in college and to make them more aware of the variety of types of mathematics.

HONORS GEOLOGY/ASTRONOMY
Transcript Designation: H, B
Course Code: SCI140
Grade Level: 9-12
Credit: 1 Lab Science
Prerequisite: A in 8th grade Science
Limited seats will be available and students will be placed into the class based on middle school grades and test scores.
Honors Astronomy is an algebra-based course focusing on the Washington State Standards of physical and earth science with laboratory investigations included in each unit. The topics to be covered include universal motion and forces, energy transformations, stellar evolution, and Big Bang Theory. The course will allow students to explore topics at a more challenging level. The accelerated pace allows for additional time to be spent on in-depth topics and enrichment activities.
Honors Geology is an algebra-based course focusing on the Washington State Standards of physical and earth science with laboratory investigations included in each unit. The topics to be covered include the composition of the Earth, Earth’s evolution, and Earth’s energy and Earth system. Students planning to take advanced science courses in Physics and Chemistry should begin with Astronomy/Geology.

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

Washington State Standards of life science using scientific inquiry and problem-solving approaches. Topics include: structure and organizations of living systems, molecular basis of heredity, life processes and the flow of matter and energy, biological changes in time, interdependence of life, environmental and resource issues. Class activities will use both quantitative and qualitative processes for data analysis. This class is an Algebra-based course.

Biology is recommended preparation for students taking the Washington State Biology End of Course exam.

AP BIOLOGY
Transcript Designation: A, B
Course Code: SCI280
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite:
Successful completion of Honors Astronomy/Geology, Honors Physical Science or teacher recommendation
Completion of a summer assignment
AP Biology at Stanwood High School is a course designed for students that have a strong interest in, or desire to pursue a career in, sciences. The AP Biology course is designed to offer students topics that are covered in a freshman Biology course at the university level. Students accepting the challenge of an Advanced Placement course will be required to actively participate in all lectures and laboratory activities that are conducted during the year.
Course content: Biology is a study of life. In this particular course we will attempt to cover all the topic areas found in the AP Biology Curriculum: Biological Chemistry, Structure and Functions of Cells, Biogenetics, Cellular Reproduction & Heredity, Molecular Biology, Adaptation, Diversity & Classification of Organ, Evolution of Plant Design, Structure, Function of Plants, Evolution of Animal Design, Structure, Function of Animals, Ecology & Animal Behavior. AP Biology also prepares students taking the Washington State Biology End of Course exam.

HUMAN BIOLOGY
Transcript Designation: B
Course Code: SCI260
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite: Biology or teacher recommendation
This advanced biology course will include in-depth study of the major body systems in humans. A variety of teaching methods will be used, including dissection, problem-solving and inquiry. This course is recommended for any student who is thinking of a career in health sciences.

SCIENCE
AGRICULTURE EDUCATION
SCIENCE courses are described on page 13

GEOLOGY/ASTRONOMY
Transcript Designation: B
Course Code: SCI130
Grade Level: 9
Credit: 1 Lab Science
Prerequisite: None
Astronomy is an algebra-based semester course focusing on the Washington State Standards of physical and earth science with laboratory investigations included in each unit. It is paired up with Geology, another semester-long science course. The topics to be covered include universal motion and forces, energy transformations, stellar evolution, and Big Bang Theory. Students planning to take advanced science courses in Physics and Chemistry should begin with Astronomy/Geology.

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

SCIENCE courses are described on page 13
MARINE/ECOLOGY BIOLOGY
Transcript Designation: B
Course Code: SCI250
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite: Biology or teacher recommendation
This advanced biology course will help students prepare for college through an in-depth biological understanding of their environment. The emphasis will be on marine flora and fauna. The class will also conduct experimental projects each semester. Field trips to Church Creek will be held to collect data as part of a year-long study of the biotic and abiotic factors on that environment.

INTRODUCTION TO BIOTECHNOLOGY
Transcript Designation: B
Course Code: SCI340
Grade Level: 11, 12
Length of Course: Year-Long
Credit: 1 Lab Science
Prerequisite: Successful completion of Biology or teacher recommendation
Strongly recommended: Completion or concurrent enrollment in Chemistry, Physics, Human Biology or Medical Terminology
Biotechnology is an interdisciplinary field that involves the use of living organisms and processes in medicine, engineering, industry, forensics, environmental protection, and other fields. This course will introduce students to the concepts behind biotechnology; the types of techniques used, what products are made, and what jobs in biotechnology are like. A variety of hands-on laboratory activities will give students experience in basic biotechnology techniques.

CHEMISTRY
Transcript Designation: B
Course Code: SCI321
Grade Level: 11, 12
Length of Class: Year Long
Credit: 1 Lab Science
Prerequisite: Successful completion of Algebra & 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
Course Code: SCI380
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite: Successful Completion of Honors Geology/Astronomy, Algebra I or teacher recommendation
Major topics include matter and measurement, atoms, ions, nomenclature, stoichiometry, qualitative & quantitative chemistry, gases, periodicity, bonding, thermochemistry,ionic equations, equilibrium, acids & bases, oxidation & reduction, kinetics, electrochemistry.

PHYSICS
Transcript Designation: B
Course Code: SCI422
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite: Successful completion of Algebra I
A laboratory science class focusing on the National Standards for Physics. Topics include: Newtonian mechanics and gravitation, work and energy, vibrations and waves, electricity and magnetism, and light. Class activities will use both quantitative and qualitative processes for data analysis.

AP PHYSICS B
Transcript Designation: A, B
Course Code: SCI480
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite: Successful completion of Algebra I, Honors Geology/Astronomy or teacher recommendation
Major topics to be studied are Newtonian mechanics, thermal physics, electricity and magnetism, waves and optics, atomic and nuclear physics. Students are encouraged to take AP exam for possible college credit.

AP PHYSICS C
Transcript Designation: A, B
Course Code: SCI481
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 Lab Science
Prerequisite: AP Physics B
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.

SOCIAL SCIENCES (HISTORY)

WORLD HISTORY
Transcript Designation: B
Course Code: HST211
Grade Level: 10 (9 if space available)
Length of Class: Year-Long
Credit: 1
Prerequisite: None
World History is a required, two semester course covering the development of the Modern World. Students will analyze the interaction of societies including political and economic systems, beginning with Age of Enlightenment and the French Revolution. Students will also explore the Industrial Revolution, Age of Imperialism and World Conflict in the 20th century. Emphasis will be placed on utilizing an inquiry approach to uncover and analyze evidence and answer enduring questions from the past. Each student will be expected to complete two classroom-based assessments prior to completing the course. This course will provide an important foundation for the Current World Problems course taken senior year.

AP EUROPEAN HISTORY
Transcript Designation: A, B
Course Code: HST430
Grade Level: 10
Length of Class: Year-Long
Credit: 1
Prerequisite: None
AP European History is a college-level course.
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: HST311/HST312
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.

AP US HISTORY
Transcript Designation A, B
Course Code: HST320
Grade Level: 11
Length of Class: Year-Long
Credit: 1
Prerequisite: None
This is a college-level course and students can, through good performance on the Advanced Placement exam, obtain college credit. This course will contain a great deal more reading than the regular History 11 course. Supplemental texts are used. Essay writing and research with a focus on analysis and synthesis of information will be the primary learning style for this course. Students are encouraged to take AP exam for possible college credit.

AP COMPARATIVE GOVERNMENTS
Transcript Designation A, B
Course Code: HST440
Grade Level: 12
Length of Class: Year-Long
Credit: 1
Prerequisite: None
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.

*CIVICS
Transcript Designation B
Course Code: HST420
Grade Level: 12
Credit: .5
Semester Linked with CWP
Prerequisite: None
Civics is a semester long course that encourages students to develop an understanding of how American government is structured and their role in upholding the ideals and values that have shaped the United States. The role of the citizen and special challenges confronting the United States will be explored in addition to the Constitution, Elections, Political Parties and Branches of Government. The course will be conducted through a variety of methods including individual and group projects, simulations, and audio/visual components. Each student will be expected to complete a classroom-based assessment prior to the completion of the course.

CURRENT WORLD PROBLEMS
Transcript Designation B
Course Code: HST416
Grade Level: 12
Credit: .5
Semester Linked with Civics
Prerequisite: None
Students will study current global events read from newspapers, weekly news magazines, viewed in films and tapes, which will be discussed, debated and reviewed in small groups. Students will be expected to participate in an overview of macro and micro-economics. Quarter projects, which will include research on a world problem, will be required.

SOCIOLOGY
Transcript Designation B
Course Code: HST410
Grade Level: 11, 12
Length of Class: Semester
Credit: .5
Prerequisite: None
Sociology is the study of group human behavior. The emphasis of this course is on the theory of personality development. Other focus areas include: learning and memory, brain and nervous system, language, mental disorders and hereditary and environmental influences. Students are required to take tests, participate in group discussions and projects as well as a research project.

*May not be used for SHS History Requirement.

PSYCHOLOGY
Transcript Designation B
Course Code: HST412
Grade Level: 11, 12
Length of Class: Semester
Credit: .5
Prerequisite: None
Psychology is the study of individual human behavior. The emphasis of this course is on the theory of personality development. Other focus areas include: learning and memory, brain and nervous system, language, mental disorders and hereditary and environmental influences. Students are required to take tests, participate in group discussions and projects as well as a research project.

*May not be used for SHS History Requirement.

WORLD LANGUAGE
World Languages
Year Long Elective
Recommendation: “B” average grade in English/Language Arts
The goal of the World Language program is to prepare students for effective communication with speakers of a different language, an understanding of how different cultures affect language, and to provide skills to further academic language study. These life-long skills are important in the workplace and in global society of the 21st century. Language study brings many academic and personal benefits; including increased success in 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).

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H= Honors   B= CADR   T= Tech Prep   A= Adv Placement
Stanwood High School offers German I-IV and Spanish I-IV. It is highly recommended that students complete two or more consecutive years of a foreign language in high school, and many competitive colleges recommend 3+ years. Students considering a language class need to be prepared to study outside of class and participate actively during class.

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

GERMAN I
Transcript Designation  B  
Course Code: GER210  
Grade Level: 9, 10, 11  
Length of Class: Year-Long  
Credit: 1  
Prerequisite: None  
German is an international language of literature, science, medicine, music, philosophy, technology, history, and art. This course is an introduction to the German language and its culture and customs. The development of all four communication skills, listening, speaking, reading, and writing, is stressed although the first two will be emphasized. Furthermore, students will be able to reinforce their knowledge of other disciplines and compare the German language and culture to their own. Students will practice basic conversations about such topics as family and friends, hobbies and interests, food, school, clothing, and celebrations. Class will be conducted in German as much as possible.

GERMAN II
Transcript Designation  B  
Course Code: GER310  
Grade Level: 10, 11, 12  
Length of Class: Year-Long  
Credit: 1  
Prerequisite: Successful completion of German I with a minimum C grade  
The ability to read the literature published in the German language and to converse with considerable fluency and accuracy is the focus of the second year’s study. Furthermore, level two will continue to develop cultural understanding, master essential grammatical concepts, and practice all four communication skills by presenting and obtaining information, interpreting written and spoken language, and exchanging opinions. Topics include sports, travel and transportation, animals, hobbies, and entertainment. Class will mainly be conducted in German.

GERMAN III
Transcript Designation  B  
Course Code: GER410  
Grade Level: 11, 12  
Length of Class: Year-Long  
Credit: 1  
Prerequisite: Completion of German II with a minimum C grade  
In third year German, students are expected to master more complex grammatical patterns while practicing new vocabulary and conversing in German. Emphasis is placed on the students’ independent production of spoken and written responses to given situations. Students will continue to learn about different aspects of German culture, such as everyday life, grocery shopping and cooking, festivals and holidays, health, traffic situations and driver’s education, environmental issues and future challenges. Students have the option to take the German AP language test in May for possible college credit.

GERMAN IV
Transcript Designation  B  
Course Code: GER510  
Grade Level: 11, 12  
Length of Class: Year-Long  
Credit: 1  
Prerequisite: Successful completion of German III with a minimum C grade  
In this course, all four communication skills will be equally stressed while students study vocabulary and grammatical structures from previous years’ AP tests. Students will continue to study cultural aspects of German-speaking countries. Each quarter, students will work on a variety of research projects and presentations related to relevant and current German topics, such as European geography, history, and economy. Students will read, study, and analyze literature by noted German authors, such as Johann Wolfgang von Goethe, Friedrich Schiller, Thomas Mann, and Bertolt Brecht. All activities in the classroom will take place in German. Students are encouraged to take the AP German exam in May for possible college credit.

SPANISH I
Transcript Designation  B  
Course Code: SPA210  
Grade Level: 9, 10, 11  
Length of Class: Year-Long  
Credit: 1  
Prerequisite: None  
Spanish is one of the most widely spoken languages in the world as well as the U.S. This romance language is reflected through the rich history and cultures of the people who speak it. Spanish I will introduce students to the Spanish language and culture using the four basic communication skills: reading, writing, listening, and speaking. Students will learn grammatical concepts and vocabulary needed for basic understanding and conversation. The class is conducted in Spanish as much as possible. Study topics include: alphabet and greetings, school and classes, family and friends, hobbies, weather, food, and a number of cultural aspects presented through music, art, and technology.

SPANISH II
Transcript Designation  B  
Course Code: SPA310  
Grade Level: 10, 11, 12  
Length of Class: Year-Long  
Credit: 1  
Prerequisite: Successful completion of Spanish I with a minimum C grade  
Spanish II builds on knowledge gained in Spanish I and will continue to emphasize all four communication skills through projects, discussion and interpreting the written and spoken language of text, song, and presentations. Students will expand their vocabulary and will be introduced to more advanced verbs 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  
Course Code: SPA410  
Grade Level: 11, 12  
Length of Class: Year-Long  
Credit: 1  
Prerequisite: Successful completion of Spanish II with a minimum C grade  
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 out of the 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.

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SPANISH IV
Transcript Designation  B
Course Code: SPA510
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1
Prerequisite: Successful completion of Spanish III with a minimum C
The course will cover the vocabulary, grammatical patterns and the four communication skills found on the AP test. All classroom activities will take place entirely in Spanish. Students will read, study, and analyze literature by noted Spanish and Latin American authors, such as Miguel de Cervantes, Calderon de la Barca, Gabriel Garcia Marquez and Vargas Llosa. Students are encouraged to take AP exam for possible college credit.

AMERICAN SIGN LANGUAGE I
Transcript Designation  B, T
Course Code: ASL220
Grade Level: 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, T
Course Code: ASL340
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 World Language or CTE
Prerequisite: ASL I
Students will continue to work on the grammar and structure of sentences in ASL, finger spelling and vocabulary. Emphasis will be placed on developing expressive vocabulary. Students will modify stories to ASL and will sign the story. This will be videotaped for others to watch. The class will only be taught in ASL. Students will be required to communicate in ASL.
CAREER AND TECHNICAL EDUCATION

CTE

AGRICULTURE EDUCATION

SCIENCE EXPLORATIONS IN AGRICULTURE (AG SCIENCE I)
Course Code: AGR110
Grade Level: 9
Length of Class: Year-Long
Credit: 1 CTE or Lab Science
Prerequisite: None
This course focuses on topics that include soils, wildlife studies, fisheries, water quality, food science, and the agricultural applications of chemistry, physics, and earth science. Current state science GLE’s are met in this course. Science credit may be earned upon completion. This is an Algebra-based science.
*Not NCAA Approved

APPLIED SCIENCES IN AGRICULTURE (AG SCIENCE II)
Course Code: AGR210
Grade Level: 10
Length of Class: Year-Long
Credit: 1 CTE or Lab Science
Prerequisite: None
This course is an exploratory and hands-on approach to production horticulture, agricultural mechanics and natural resources. Ag Mechanics topics include safety, concrete and masonry work, sheet metal, pipe work, forge and lathe operations and basic lumber construction. Horticulture projects include work with poinsettias, bulbs, Easter lilies, wreaths, bedding plants and basic landscape. Natural resources topics include soil conservation and forestry, FFA leadership and career opportunities are also covered. This course fulfills an occupational educational credit or a science credit. This is an Algebra-based science.
*Not NCAA Approved

ANIMAL SCIENCE
Course Code: AGR215
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Lab Science
Prerequisite: None
A science course that applies principles of biology in a practical, hands-on setting using various subjects in Animal Science as the vehicle. The content will focus on animals associated with Production Agriculture. This is an Algebra-based science.
*Not NCAA Approved

VETERINARY SCIENCE
Course Code: AGR320
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Lab Science
Prerequisite: None
A hands-on course which offers students the opportunity to explore the world of veterinary science with an emphasis on technical skills required on the job site. Students will learn about animal anatomy, principles of disease and parasitology. They will experience how to give clinical exams and how to manage animals. The laboratory techniques and technical procedures used by a veterinary assistant will be used. Students will work with animals to learn procedures used on the job.
*Not NCAA Approved

NATURAL RESOURCES I
Course Code: AGR399
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Lab Science
Prerequisite: None
In this Natural Resources course students will explore the elements of natural resources management. Students will research and investigate the different ecosystems of wildlife, fish, forestry, wetlands, soils, stream ecology and much more. This course gives hands-on experience in understanding and working with the environment and how we affect our surroundings.
*Not NCAA Approved

MECHANICAL TECHNOLOGY IN AGRICULTURE I (MECH TECH I)
Course Code: AGR312
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: None
This class is an introduction to mechanical technology in agriculture applications. Students will explore and apply techniques in arc welding, oxy-fuel, gas welding, small gas engines and residential electricity. Students will be required to use power tools while utilizing safety precautions in the shop as well as typical work force environments. Possible introduction in GTAW (TIG) and GMAW (MIG) welding, and light project construction.

MECHANICAL TECHNOLOGY IN AGRICULTURE II (MECH TECH II)
Course Code: AGR412
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE, Ag Mech II 3rd Year or Fine Art credit
Prerequisite: Mech Tech I
A year-long course with instruction in career options, safety, power tools, practical surveying, agricultural structures, small gas engines and understanding and selecting electric motors. During course instruction students will develop advanced skills and techniques in electric arc welding, oxy-fuel gas welding, GMAW (MIG) welding, GTAW (TIG) welding, project planning and design. Students are required to work on semester-length projects for home and/or community.

HORTICULTURE (Plant Science)
Course Code: AGR314
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Lab Science
Prerequisite: None
An activity-focused course offering students an opportunity to explore a wide variety of experiences in plant science. Science skills are enhanced by using production and hands on projects, allowing students to grow and care for plants as part of the learning process. Students learn to perform a variety of plant production and design methods as well as appropriate sales techniques for the horticulture industry. Basics of floriculture and landscaping are also included.
*Not NCAA Approved

2012-2013 SHS Course Catalog

H= Honors B= CADR T= Tech Prep A= Adv Placement
FLORICULTURE AND GREENHOUSE PRODUCTION (Floral Design)
Course Code: AGR514
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts*
Prerequisite: None
Students will develop career skills as they learn a variety of floral design techniques that are important for obtaining a job in the industry. Different styles of floral arrangements will be presented including principles of floral design, flower care and use of materials, along with sales and marketing. Indoor and flowering plant design, maintenance and production will also be included. Lab Science credit available with supplemental portfolio work.
*Not NCAA Approved

LANDSCAPE AND NURSERY PRODUCTION (Landscaping)
Course Code: AGR515
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.
*Not NCAA Approved

SUPERVISED AGRICULTURAL EXPERIENCE (SAE)
Course Code: AGR599
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 usually after normal school hours. Example projects may include, but are not limited to: working at a garden center, raising vegetables/grain/livestock, conducting agriscience experiments in a greenhouse, and training horses at a stable. Students will be required to verify their experiences by keeping written or computerized records including: business agreements, budgets, inventories, daily activities, hours worked, income and expenses, total earnings, depreciation, and net worth. Instructor supervision will be conducted to the student’s home or place of employment. SAE records will be evaluated at least once per month. In addition, SAE lessons are integrated in each agricultural course. SAE participation can lead to full-time employment, scholarships, and awards through the FFA. This course is in addition to any other agriculture course and does not meet as a class but as independent study.

AMERICAN SIGN LANGUAGE I
Transcript Designation: B
Course Code: ASL220
Grade Level: 10, 11
Length of Class: Year-Long
Credit: 1 World Language or CTE
Prerequisite: None
Beginning class of American Sign Language offers an opportunity to learn to communicate with the deaf. Finger spelling, basic vocabulary, as well as some grammatical aspects of ASL will be covered. In addition, this course will provide an introduction to the deaf culture, signing systems used other than ASL, and the psychological aspects of deafness.

AMERICAN SIGN LANGUAGE II
Transcript Designation: B
Course Code: ASL340
Grade Level: 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: FST300
Grade Level: 11, 12
Length of Class: Year Long
Credit: 3
Prerequisite: None
This course will be offered in the morning for 2½ hours daily, 7:40-10:15 a.m. 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: fire fighting, fire prevention, inspection and investigation, leadership, alarm communications and fire dispatching, emergency medical services and safety awareness. Dual credit course.

BUSINESS EDUCATION

COMPUTER TECHNOLOGY and DIGITOOLS
Transcript Designation: T
Course Code: BUS205
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: None
In this class, students will work on the development of touch-typing speed and skills along with document formatting. In addition, integrated, thematic projects using presentation, database, spreadsheet, word processing, music editing and some photo editing software will be featured. This class is geared towards the student who is interested in working with computer- and software-related skills.
JOURNALISM
Course Code: VIS333
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: None
Learn the fundamentals of newspaper design, organization, and ethics while helping to produce the online version of the school newspaper, the Spartan Spectrum. Students will gain valuable experience in interviewing techniques, writing news stories, working with photos, selling advertising, and what it takes to produce an online paper. As students gain the skills to write in a journalistic style, articles will be submitted to the editors of Spartan Spectrum for publication. An interest in writing and a basic knowledge of computer skills are highly recommended. Students may be required occasionally to work outside of school hours to cover important stories.
*Does not meet CADR’s requirement
*Not NCAA Approved

NEUWERKERK PRODUCTION
Course Code: BUS400
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: Journalism
Students will advance their skills in Journalism and will continue to gain valuable experience by writing for the school newspaper, the Spartan Spectrum. Students will be required to write articles for in-school as well as out-of-class events (athletics/activities/arts/academics). This is a laboratory course in which students will interview, write, edit, and help to produce the online edition of the school newspaper, the Spartan Spectrum. Leadership, cooperation and high standards of achievement are essential in all staff members.

PHOTOJOURNALISM I
Course Code: BUS450
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts*
Prerequisite: None
Required: Materials fee of $20.00
This course will provide students with a solid foundation of the basic principles of computer programming in the Objective C language using the iOS development environment to create applications for iPhone, iPod Touch, and iPad devices. Part of the course will focus on User Interface Design, but the major emphasis will be on programming techniques and principles. Students will also learn concepts and skills that will transfer to any computer language.
*Does not meet CADR’s requirement

PHOTOJOURNALISM II
Course Code: BUS550
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts*
Prerequisite: Photojournalism I or instructor recommendation
Required: Materials fee of $20.00
Students will further their Photojournalism skills and explore photography and Photoshop in more detail. Students will gain practical experience in the industry by shooting events for the school newspaper, the Spartan Spectrum. Students will create a portfolio of their photos and have the opportunity to create an AP photo project.
*Does not meet CADR’s requirement

APP DEVELOPMENT FOR
iPHONE/IPAD TOUCH/IPAD
(iOS)
Course Code: BUS425
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts*
Prerequisite: Geometry, "Make Your Own Apps (iPhone)"
This course will provide students with a solid foundation in the basic principles of computer programming in the Objective C language using the iOS development environment to create applications for iPhone, iPod Touch, and iPad devices. Part of the course will focus on User Interface Design, but the major emphasis will be on programming techniques and principles. Students will also learn concepts and skills that will transfer to any computer language.
*Does not meet CADR’s requirement

COMPUTER PROGRAMMING
AND GAME DESIGN
Course Code: BUS430
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.
*Does not meet CADR’s requirement

MULTIMEDIA I
Course Code: BUS360
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts*
Prerequisite: None
Multimedia I course introduces the student to the different aspects of Multimedia/Visual Communications. Units include digital image editing with Photoshop, video production, motion graphics/animation, visual design, and audio production. Students will complete most work during class on the computers, but some video projects will require shooting footage outside of the school day. This course provides relevant experiences and problem-solving skills that can be transferred to the world of work.
*Does not meet CADR’s requirement

MULTIMEDIA II
Course Code: BUS460
Grade Level: 9, 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

WEB PAGE DESIGN I
Transcript Designation T
Course Code: BUS340
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts*
Prerequisite: None
A year-long, project-based curriculum, stressing Digital Design, which teaches the professional web design and development process using Macromedia Web tools. Digital Design develops four key skill areas: Project management and collaboration, design, research and communication, and professional web-authoring tools. Students develop these key skills in a spiral—each project adds more challenging skills onto the foundation proficiencies. This course addresses each of these areas using a project-based approach. Each project has phases that follow the web design process, from project planning to evaluation. To simulate a professional work environment, students gradually transfer their design work from an individual process to a group process. Projects contain activities that require students to evaluate and then redesign and rework their communications.
*Does not meet CADR’s requirement

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In this class, students are given an overview of many business-related principles. Guest speakers are invited in from the local Chamber of Commerce and Rotary Club, and membership in the student business leadership club “Future Business Leaders of America” is encouraged.

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. Take advantage of proven success strategies – learn all you can about dollars and sense.

This course is designed to establish principles of leadership. Learning the "language of leadership" is given the same priority as planning and conducting school-wide projects.

In this class, students are given an overview of our legal system, focusing specifically on legal issues encountered in a business setting. Issues such as property rights, contract law, legal forms of business ownership, employment law and torts are discussed. Membership in the student business leadership club “Future Business Leaders of America” is encouraged.

The students will produce 2 projects: A coffee table or a nightstand - $25.00 - $30.00 A j

This course is designed to establish knowledge and skills in the various arenas of technology. Students will gain credit by establishing project(s), activities and routines within the Technology Group. Students will be required to verify their experiences by keeping computerized records. Tech Assistant Intern assignments can include:
• working at the Helpdesk with clients to solve their technology problems
• working with Research and Development on new technologies
• working with students, faculty and staff on special technical projects
Students who are eligible can become student Technology Assistant Interns working and learning with the school district’s Technology Group technicians. Students from all academic areas across our campus, who have an interest in technology, and:
• is dependable
• is trustworthy
• demonstrates a willingness to learn, and
• has the capacity to develop excellent customer service skills...can become a member of the TAI team.


PRINCIPLES OF ENGINEERING A & B
Course Code: TEC113
Grade Level: 9
Credit: .5 CTE each semester
Prerequisite: None

Using a hands-on approach students will explore the basic concepts of design that are used in architecture & engineering. From drawing to the use of computer aided software students will learn to design a variety of projects then create models of their designs. POE Part B (the 2nd semester) will focus on an introduction of Robotics. Students will design and build robots using the VEX robotics system while continuing their exploration of engineering as a field of study.

ARCHITECTURE DESIGN I
Transcript Designation T
Course Code: TEC350
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or 3rd Year Math
Prerequisite: None

This course introduces students to the concepts used in the architecture, interior design, and construction industries. Students will learn the process used to design a home including idea generation, creation of plans, and model construction. They will also learn to use software that is common to these industries.

ARCHITECTURE DESIGN II
Transcript Designation T
Course Code: TEC450
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: Architecture Design I

The major focus of this course is completing long-term projects that involve the development of property sites. As students learn about various aspects of civil engineering and architecture, they apply what they learn to the design and development of a property. Students explore hands-on activities and projects to learn the characteristics of civil engineering and architecture. In addition, students use 3D design software to help them design residential and commercial properties. Students will develop the ability to create complete plans, build architectural models, and produce full-color renderings of design problems.

*Does not meet CADR's requirement

ENGINEERING DESIGN I
Transcript Designation T
Course Code: TEC360
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: Intro to Drafting or Principles Of Engineering recommended

This basic engineering drafting class is for future engineers, designers or those interested in careers in technical fields such as manufacturing, transportation or graphic design. It is a problem-solving-based class in which individuals and small groups will use techniques such as brainstorming, model-building, and mock-ups to design solutions to problems. Students will create a portfolio that will contain their work, organized and presented, according to professional standards.

ENGINEERING DESIGN II
Transcript Designation T
Course Code: TEC440
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: Engineering Design I and 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.

CAD/CAM
Course Code: TEC480
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE or 3rd Year Math
Prerequisite: Engineering Design I Recommended

The major focus of this course is to answer questions such as: How are things made? What processes go into creating products? Students will learn how to use 3D Solid Modeling Software (SolidWorks) to design and produce products using CNC (computer controlled) equipment. The goal of the course is for students to develop the skills necessary to achieve certification using SolidWorks and a basic understanding of computer aided manufacturing.

TECHNOLOGY ASSISTANT INTERNSHIP (TAI)
Course Code: TEC599
Grade Level: 9, 10, 11, 12
Length of Course: Year-Long
Pre-Requisite: Application and Referral, Permission of CTE Director
Course Description: This course is designed to establish knowledge and skills in the various arenas of technology. Students will gain credit by establishing project(s), activities and routines within the Technology Group. Students will be required to verify their experiences by keeping computerized records. Tech Assistant Intern assignments can include:
• working at the Helpdesk with clients to solve their technology problems
• working with Research and Development on new technologies
• working with students, faculty and staff on special technical projects

Students who are eligible can become student Technology Assistant Interns working and learning with the school district’s Technology Group technicians. Students from all academic areas across our campus, who have an interest in technology, and:
• is dependable
• is trustworthy
• demonstrates a willingness to learn, and
• has the capacity to develop excellent customer service skills... can become a member of the TAI team.
HEALTH

SPORTS MEDICINE I
Course Code: HOC300
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: None
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 athletic injuries. Instruction time will also be spent on the elements of fitness, nutrition, exercise physiology, psychology of sports injuries, job-finding skills and health-related careers. Must also be enrolled in Practicum I.

SPORTS MEDICINE I - LAB/PRACTICUM
Course Code: HOC320
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: None
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.

SPORTS MEDICINE II
Course Code: HOC340
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: Successful completion of Sports Medicine I
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: HOC425
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE
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: HOC410
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
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.

FAMILY AND CONSUMER SCIENCES

CULINARY ARTS
Course Code: FCS350
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: None
Required: A $15 lab fee is required each semester
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: FCS450
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: Culinary Arts
Required: A $30 lab fee is required
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.

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VISUAL COMMUNICATIONS

GRAPHIC ARTS I
Transcript Designation  B
Course Code: VIS250
Grade Level: 9, 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: None
Required Materials fee $30
This course introduces the student to conceptual and technical aspects of graphic design and illustration. Students develop the art of solving communication problems to address practical design problems encountered in creating advertising for the current market place. Emphasis is placed on both technical and artistic proficiency.

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

AP STUDIO ART
Transcript Designation  A
Course Code: VIS450
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: Graphic Arts 1 and instructor recommendation
AP Art is recommended for students who are interested in developing a portfolio for scholarship competition and college admission. Intended for the highly motivated student who is willing to devote considerable time and effort building a significant body of work for submission to the Advanced Placement Portfolio Exam. Students are responsible for the cost of specialized art materials and AP Exam fee.

PHOTOGRAPHY I
Transcript Designation  B
Course Code: VIS260
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: None
Required: Materials fee of $30.00, (with this fee the student will receive their own USB storage device) 4GB Compact Flash or SD memory card
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.

**A similar course, Photojournalism, is offered in the Business Ed Section.

PHOTOGRAPHY II
Transcript Designation  B
Course Code: VIS360
Grade Level: 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts
Prerequisite: Photography I and instructor recommendation
Required: Materials fee of $30.00, (with this fee the student will receive their own USB storage device) 4GB Compact Flash or SD memory card
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: VIS444
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE or Fine Arts*
Prerequisite: Complete Yearbook Application
Produce The Spartan Epic Yearbook using OnDesign 3 and Adobe Photoshop. Learn publication skills, interviewing, writing feature stories, designing layouts and taking photographs. The class produces The Spartan Epic and uses a variety of student talents including writing, editing, designing, selling and managing. Students must be willing to work occasionally on their yearbook assignments after school and at home to meet deadlines.

*Does not meet CADR's requirement

WORK BASED LEARNING

CAREER CHOICES CLASS
Transcript Designation T
Course Code: WBL420
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: None
Career Choices allows students to combine classroom learning with job experience. In the class, students research several career areas and define their appropriate career pathway. Students learn how to successfully seek and secure a job, how to write a resume, and how to interview and impress a prospective employer. The class stresses how attitude and responsibility help students become safe and appreciated workers at their job sites as well as responsible wage earners. Students in this class receive a letter grade.

During second semester, students will explore the financial side of working. Using their career choices, they will learn about paychecks, spending plans, budgeting, and planning for the life style they choose.

During the year, students will have opportunities for leadership, including the Holiday Giving Tree programs, Career Leadership Program, and other events.

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CAREER CHOICES WORK

Transcript Designation T
Course Code: WBL421
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1-2 CTE
Prerequisite: None
Requirement: Enrollment in Career Choices class to receive work credit or another CTE class

Only one school service position is allowed per student. Grading for all school service classes will be Pass/Fail only. The student receives credit for being gainfully employed on a job. The student is eligible for one credit for working 360 hours (approximately 11 hours per week). The student may have release time for their job. The instructor/Coordinator visits the job site and receives verbal and written feedback from the employer to help shape the student into a quality worker. It is expected that students will have a job or obtain one during the semester. Students in this class receive a Pass/Fail grade.

CAREER EXPLORATION OPPORTUNITIES

Course Code: WBL380
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: 16 years of age and approval of the WBL Coordinator

CEO is a program 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 in the form of communication, problem-solving and teamwork. The instructor/Coordinator/supervisor and student together develop individualized training plans for each student. The school requires prior approval from the student’s parents, the WBL Coordinator and the training station before a student is placed at their training station. Students are also required to attend monthly meetings on campus. Opportunities have included working with local retailers to learn merchandising and sales; working with natural resource agencies on various programs. Students are encouraged to help design their individual experience. Students are responsible for providing their own means of transportation. Students must show proof of medical and transportation insurance.

Course Code: WBL385
Grade Level: 10, 11, 12
Length of Class: Year-Long
Credit: 1 CTE
Prerequisite: None

Students combine assignments that explore the career of teaching with hands on experience in a classroom. Taken on an independent basis, students will meet with the class instructor a minimum of once per week. Students are placed within a classroom in one of our District’s schools and will be mentored by an experienced teacher. Hours of assignments and internship will total 90 hours per semester.
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)

Course Code: BCC100
Grade Level: 12+
Length of Class: Year
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

Course Code: BCC100
Grade Level: 12+
Length of Class: Year
Credit: 1.0
Prerequisite: Teacher/Case Manager Permission, Completed Application
Community Connections is a transition center for students that are 12+ who have completed HSPE 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 and as staffing permits.

INDEPENDENT LEARNING CENTER (ILC)

Course Code: BEL100
Grade Level: 9
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 9
Course Code: BEL100
Grade Level: 9
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 10
Course Code: BEL200
Grade Level: 10
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 11
Course Code: BEL300
Grade Level: 11
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 12
Course Code: BEL400
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: BEE200
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.

LEARNING ASSISTANCE PROGRAM (LAP)

Course Code: BEM100
Grade Level: 9-12
Length of Class: Year
Credit: 1.0
Prerequisite: Teacher/Case Manager Permission
This course is designed to provide access to, and support in, the general education curriculum in the areas of reading, writing, math and learning strategy skills for school success for special education students. This course is also structured around a collaborative, working relationship between the Special Education Teacher and the General Education Teacher surrounding coursework, assignment expectations and grading. Students must have approval for entry in this class.

LAP PEER TUTOR
Course Code: LAP110
Grade Level: 11-12
Length of Class: Year
Credit: 1.0
Prerequisite: Teacher/Case Manager Permission
LAP peer tutors would need to be students with a grade point average of 3.0 or better, good attendance, ability to work well with others, and exhibit exceptional classroom behavior. Each peer tutor would help IEP students with their homework, study habits, and appropriate classroom behaviors.

MATH I, 2, 3
1 Course Code: BEM100
2 Course Code: BEM200
3 Course Code: BEM300
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.