

The Compass

2015-2016

GUIDANCE SERVICES

Guidance services are provided by five counselors at the high school. These counselors are concerned with the educational, emotional, and social development of all students in relation to their total school experience. Counselors work directly with students and serve as resource persons for parents, teachers, and administrators in helping students meet their developmental needs. Counselors also conduct specialized testing and offer programs for career education and personal development. The guidance staff extends an invitation to all school district residents to utilize these services.

For questions concerning scheduling, contact the Guidance Office at 632-2548, Ext. 21924 or 21925. Counselors are assigned by the last name of the student:

A – F	Mr. Zimmerman	Jon_Zimmerman@SWSD.k12.pa.us
G – L	Mr. Bittinger	Allen_Bittinger@SWSD.k12.pa.us
M – R	Mrs. Devine	Amy_Devine@SWSD.k12.pa.us
S - Z	Mrs. Berkebile	Rachel_Berkebile@SWSD.k12.pa.us
School-to-Career	Mrs. Dennis	Lisa_Dennis@SWSD.k12.pa.us

(**Note** – for e-mail, there is an “underscore” between the first and last name of the counselors)

It is important that students and parents thoroughly review the Planning Guide in order to clearly understand which courses are to be selected. The Guidance Department is available upon request to review the Planning Guide with you if necessary.

Courses offered in a sequence MUST be taken in the appropriate order.

NONDISCRIMINATION POLICY

It is the policy of South Western District not to discriminate on the basis of sex, creed, handicap, or race in its educational programs, activities, or employment policies as required by Title IX of the 1972 Educational Amendments and by Section 504 of the Rehabilitation Act of 1973. Inquiries regarding compliance with Title IX may be directed to the District Administration Office.

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Course Offerings

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GENERAL INSTRUCTIONS

The best *approach* to determining a student schedule is through a cooperative effort of the **student, parents, teachers, and guidance counselors**. Wise course selection also requires that students observe the graduation requirements for their graduation class. These requirements appear later in this guide. By *carefully* selecting their courses, students will be making good choices about their futures, both at South Western High School and beyond.

South Western High School operates on the “Block Schedule.” STUDENTS TAKE EIGHT (8) CREDITS PER YEAR, FOUR COURSES (79 MINUTE PERIODS) EACH SEMESTER.

The core subjects (e.g., English, Social Studies, Science and Mathematics) are scheduled as Academic/College Prep, or Honors/AP Level. To ensure the greatest chance for academic success, students and their parents should select a core subject level that BEST meets the student’s goals, interests, and aptitudes.

- **Academic** – coursework designed for all students to be college and career ready.
- **Honors** – designed for those students who meet the specific honors criteria outlined on page 8, and who desire a highly rigorous preparation to attend a 4 year college or university.
- **Advanced Placement** – these courses are designed to meet specific College Board criteria as equivalents of college level credit courses.

POLICY FOR THE HONORS/ ADVANCED PLACEMENT PROGRAM

English, Math, Social Studies, Science, and World Language (IV and V) Courses

- I. To **enter** the program, the student must meet at least one of the following four criteria (for Honors English requirements, see V below):
 - A. Be identified as a gifted student.
 - B. Have obtained a final grade of A in the subject for the year immediately preceding the Honors/Advanced Placement course.
 - C. Have earned a 3.75 cumulative grade-point average.
 - D. Have acquired a 3.5 overall GPA and a written recommendation from the teacher of the previous year in that subject area, or from a counselor, high school administrator, and/or reading teacher.
 - II. To **remain** in the program, the student must meet at least one of the following criteria:
 - A. Have earned a final grade of A or B in the subject for the year immediately preceding in the program.
 - B. Have earned a 3.5 cumulative grade-point average.
 - C. Have teacher recommendation for the student who has attained a C or lower.
 - III. To **advance** to the next higher level, the student must successfully complete the preceding level.
 - IV. At the conclusion of each school year, the performance of each student will be reviewed to determine if the student may advance to the next level.
 - V. To **enter** the Honors English program, eighth graders must be identified as gifted or meet all criteria listed below.
 - A. Have earned an A in language arts.
 - B. Have earned a 3.75 overall cumulative grade-point average.
 - C. Acquired a formal teacher recommendation/evaluation from his/her 8th grade language arts teacher.
- Note:** Students from outside the district entering the honors program at any level must meet criteria A and B or must be identified as gifted.
- D. The Honors English courses must be completed in succession. However, a student in grade 9 who excels (final grade of 94% or better) in the academic course has a limited opportunity to proceed to 10th grade honors English. That student may be required to demonstrate proficiency in both writing skills and literary interpretation through independent reading assignments and a writing assessment. No student may proceed to 11th grade honors or 12th grade advanced placement English without meeting the above criteria.

ART DEPARTMENT

INTRO TO ART

1 Credit

Grades 9, 10, 11, 12

Necessary for advancement to Drawing & Painting I, Sculpture and/or Ceramics

This course is designed as an introduction to all other art courses offered in our art program. Successful completion of this course is necessary for advancement to other art courses. This class provides students with a solid foundation in art. Working in a variety of materials and media; students will develop use of the Elements of Art and Principles of Design. Students will be exposed to fundamental skills with a variety of subjects, materials, and media. Students' knowledge of Art History, Art Criticism, and Art Production will be assessed through tests, assignments, and a final exam.

DRAWING & PAINTING I

1 Credit

Grades 9, 10, 11, 12

Prerequisites: Intro to Art

This class emphasizes the drawing experience and its usefulness across disciplines. Drawing is seen as a vehicle for thinking, seeing, and communicating. Includes drawing from direct observation and invented images. There is a constant reference to historical and contemporary drawing practices from many traditions. Reinforcement of black-and-white and color media. Composition, value, color, materials and techniques will be covered. There will be exposure to the basics in color mixing and brush handling. Students' knowledge of Art history, Art Criticism, and Art Production will be assessed through tests, assignments, and a final exam.

DRAWING & PAINTING II

1 Credit

Grades 9, 10, 11, 12

Prerequisites: Intro to Art or Drawing & Painting I

An intermediate level course amplifying and expanding upon the formal and expressive aspects of drawing. Painting will be accomplished with a more concentrated investigation of the complex nature of color and a wider exposure to visual and aesthetic problems. There is an emphasis on composition, visual concepts in drawing and painting, and experimentation with materials. Students' knowledge of Art History, Art Criticism, and Art Production will be assessed through tests, assignments and a final exam.

SCULPTURE (Art in Three Dimensions)

1 Credit

Grade 9, 10, 11, 12

Prerequisites: Intro to Art

This course will be based on student experiences in all aspects of three-dimensional design. Heavy emphasis will be placed on composition, craftsmanship and detail. Students will learn about both traditional and contemporary art works, methods of construction and concepts of structure and forms. There is an emphasis on 3-D forms through visual organization and an analysis of design problems and their solutions. There will be use of a variety of materials including but not limited to wire, glass, stone, styrofoam, plaster, clay, and plastic. Students' knowledge of Art History, Art Criticism, and Art Production will be assessed through tests, assignments and a final exam.

CERAMICS (CLAY)

1 Credit

Grade 9, 10, 11, 12

Prerequisites: Intro to Art

This class will introduce hand built forms, throwing pottery on a wheel, and exploration. Emphasis is placed on design and execution of simple to complex clay objects, development of style and various firing processes. Heavy emphasis will be placed on composition, craftsmanship and detail. Processes include but are not limited to coil, slab, pinch and combinations of any 2 or more. Techniques include carving, inlay, stamping, casting, and scoring. Students' knowledge of Art History, Art Criticism, and Art Production will be assessed through tests, assignments and a final exam.

DRAWING & PAINTING III

1 Credit

Grade 10, 11, 12

Prerequisites: Successful completion of Drawing & Painting I and Drawing & Painting II

Recommended: It is highly suggested students take this course during their senior year.

An advanced level course for the serious art student. This course will focus on the planning, production and presentation of a complete portfolio. Art career-oriented students will benefit greatly from this course. With an end result of a strong portfolio that will assist them when applying to a post-secondary institution. Students will be required to plan and implement a final exhibition exam experience.

NON-TRADITIONAL MEDIA

.5 Credit

Grades 10, 11, 12

Prerequisites: This class is scheduled by guidance & admin. to wrap with Senior PE, Biology Remediation or Algebra Remediation

Students will create works of art that explore the human figure and portraiture. Areas to be covered would include proportion, foreshortening, gesture, exaggeration, distortion, structure, and emotion utilizing a variety of media, surfaces, and techniques.

BUSINESS EDUCATION DEPARTMENT

ACCOUNTING

Grades 9, 10, 11, 12

1 Credit

Add a valuable skill to your resume! Accounting is important if you would like an entry-level position in any business-related field or if you plan to attend a two- or four-year school for business. The material learned is a life skill even if majoring in business isn't in your future. Accounting is the "language of business" and is used by everyone every day. Automated accounting software is used so all work is completed online.

ACCELERATED ACCOUNTING

Grades 10, 11, 12

1 Credit

Designed for the advanced business and college-bound student considering a business-related major, this course will provide a strong foundation in basic accounting theory and procedures, as well as challenge the student to develop analytical and decision-making skills in an accelerated format. The study of computerized accounting systems and the integration of computer and Internet applications throughout the course will demonstrate the role of technology as a tool in accounting.

ACCOUNTING II

Grades 10, 11, 12

1 Credit

Prerequisite: Successful completion of Accounting or Accelerated Accounting

Accounting II is a financial accounting course which extends the principles and practices presented in Accounting and Accelerated Accounting. Emphasis on technology, ethics and international issues as they relate to accounting and business will be explored.

BUSINESS MANAGEMENT

Grades 11, 12

1 Credit

Interested in taking your business knowledge beyond the basics? Interested in what it takes to excel as a modern manager? This course provides students with a critical understanding of how business organizations work and are **managed**—their goals, strategies, structures, technologies, environments and the motivations and interests of the people involved. Activities and assessments promote critical thinking and decision making, while addressing the importance of technology and the global nature of business.

Students will also participate in several exciting project-based learning activities including: planning the Employer Appreciation Breakfast for the SWHS career programs; a chosen charity related project; an entrepreneurship project; and the "Ethical Decision Making Day" program.

BUSINESS ESSENTIALS

Grade 9, 10, 11, 12

1 Credit

Not sure what "business" is all about? This course is for you! Everyone needs to know basic business skills and concepts. You will be introduced to all aspects of business from banking to writing a business plan and be given the opportunity to manage a small business as part of a classroom simulation. Actually managing a business will help you become familiar with a variety of tasks typically used in business today. Let your creativity and collaborative skills shine!

MICROSOFT® OFFICE 2013

1 Credit

Grades 9, 10, 11, 12

Learning how to **really** use Microsoft Word, Excel, Access and PowerPoint is a life skill that needs to be on your course selection sheet before you graduate. You cannot compete in today's world without having thorough knowledge of these software programs. Whether using them to complete school projects or to find employment, there is no excuse for you not to take this class while in high school. Your future resume demands it. Technology skills are key to future success.

Juniors and seniors may elect to participate in the *College in the High School* (CHS) program offered in conjunction with this class. The *Introduction to Software for Business* course is offered through Harrisburg Area Community College, Gettysburg Campus (HACC). Students have the opportunity to earn three credits.

Students who elect this course must do so prior to the beginning of the semester and pass a placement test. In addition to tuition, there will be an additional charge for the textbook and access key.

Students will also receive high school credit upon completion of the required curriculum which is in addition to the HACC course curriculum.

ADVANCED MICROSOFT® OFFICE 2013

1 Credit

Grades 10, 11, 12

Prerequisite: Microsoft® Office 2013

In this class, students build upon their basic knowledge of the Office Suite's four major programs. They learn the advanced features of each program as well as ways in which the programs interact with each other and with the Internet. Self-paced activities will teach critical thinking while reinforcing the skills already learned. These skills will enhance their ability to complete school-related assignments as well as become a desirable candidate for employment.

Upon successful completion, students will be encouraged to become a *Microsoft Office Specialist* by taking the certification exams in Microsoft® Word, Microsoft® Excel, Microsoft® Access, and Microsoft® Powerpoint.

FINANCIAL LITERACY AND CAREER DISCOVERY

1 Credit

Grades 11, 12

As a young adult, one of the most important keys to your success will be financial capability. Being financially capable means you understand topics related to finance such as making money, spending money, and saving money wisely. Being financially literate will impact your life now and in the future. Wise financial decisions will help you lead a productive life. Financial literacy includes managing money, saving and investing, managing credit and debt and understanding insurance.

Career planning is itself a process of self-discovery that helps you identify what you are good at; understand how your skills, talents, and interests translate into work; and find the education and training you need to work in the existing job market. This career awareness curriculum will help you explore career options and find out how to compete successfully in the job application and interviewing processes.

LIFE APPS

.5 Credit

Grades 10, 11, 12

Prerequisite: This class is scheduled by Guidance & Administration to wrap with Senior PE, Biology or Algebra Remediation

You may feel that you are ready to take the big step towards independent living, but you probably do not possess all the life skills you will need to succeed in the world.

Applications for life will help you understand the importance of being able to live on your own as an educated consumer - which is the goal of every successful young adult. This course is a basic curriculum in life that you should know before reaching adulthood. It covers topics that can help you succeed when it's time to find a career that's sustainable and that makes you happy such as: career exploration; how to navigate a job interview; how to save and invest; how to manage money and credit; insurance; and how to acquire loans for college and cars.

SPORTS AND ENTERTAINMENT MARKETING

1 Credit

Grades 10, 11, 12

You will learn the fun and fascinating world of marketing through hands-on projects, Internet research and advertising campaigns. Learn how your favorite sports' teams promote themselves. Help promote your high school's special events using both your creativity and concepts learned in this class!

WEB DESIGN FOR E-BUSINESS

1 Credit

Grades 10, 11, 12

This course focuses on learning how to use a variety of Web-based applications and concepts currently being utilized in today's business environment. Included is learning Website creation by using both HTML and free Web creator sites such as Weebly and Google Sites.

WELCOME TO YOUR WORLD!

1 Credit

Grades 9, 10, 11, 12

You are already using the immense power of digital media to communicate, learn, connect, explore and be entertained in ways never before imagined. With this power, you have extraordinary opportunities but also have certain responsibilities. Becoming digitally literate will help you to think critically, behave safely, and participate responsibly in our digital world.

You will learn and use a variety of digital tools relating to: effective research strategies; digital storage options; the use of photo editing programs and websites; media-rich projects and presentations; digital communication; and relevant smart phone apps.

The use of current, up-to-date websites will help you stay digitally literate as you navigate through your life both now and in the future.

**Business Department
Course Selections 2015-2016**

Ninth Grade	Tenth Grade	Eleventh & Twelfth Grades
• Accounting I	• Accounting I	• Accounting I
• Business Essentials	• Accelerated Accounting	• Accounting II (Prerequisite)
• Microsoft Office 2013	• Accounting II (Prerequisite)	• Business Essentials
• Welcome to Your World	• Business Essentials	• Business Management
	• Life Apps	• Financial Literacy and Career Discovery
	• Microsoft Office 2013	• Life Apps
	• Advanced Microsoft Office (Prerequisite)	• Microsoft Office 2013
	• Sports and Entertainment Marketing	• Advanced Microsoft Office 2013 (Prerequisite)
	• Web Design for E-Business	• Sports and Entertainment Marketing
	• Welcome to Your World	• Web Design for E-Business
		• Welcome to Your World

ENGLISH DEPARTMENT

ENGLISH 9 PLUS

2 Credits

Grade 9

Designed around the Read 180 framework, this two-semester course prepares students for the increasingly challenging textbooks, projects, and writing assignments they will encounter in their high school courses. Through a daily exploration of fiction and nonfiction texts, students practice reading comprehension and fluency, writing effectiveness, vocabulary skills, research strategies, and critical thinking. More importantly, students develop confidence as their language and writing skills improve over time and they experience academic success.

Students must be selected for this course. Once selected, students are required to complete both semesters successfully without exception. This course fulfills all freshman English requirements for promotion to sophomore English.

This course complies with the school district's strategic plan and with the No Child Left Behind Act, which requires school districts to provide intensive literacy programs to students who need them.

ENGLISH 9 COMPOSITION

1 Credit

Grade 9

Grammar and expository writing are taught from a comprehensive point of view with an emphasis on organization and application of ideas. Corollary readings are examined for analysis and modeling. Students refine research and editing skills. Clear communication is the goal of all grammar study and instruction. Paragraph development is taught with the aim of yielding greater proficiency in the areas of content, unity and coherence, and the conventions of mechanics. Students also learn basic research skills. Vocabulary is studied to enhance communication.

ENGLISH 9 HONORS

1 Credit

Grade 9

The freshman Honors English course is a preparatory course for the Advanced Placement English Language and/or Advanced Placement English Literature courses. The course is designed for gifted and selected high-achieving students. Grammar and expository writing are taught from a comprehensive point of view with an emphasis on organization and application of ideas. Corollary readings are examined for analysis and modeling. Students refine research and editing skills. Clear communication is the goal of all grammar study and instruction. Paragraph development is taught with the aim of developing greater proficiency in the areas of content, unity and coherence, and the conventions of mechanics. Students also learn basic research skills. Vocabulary is studied to enhance communication. The curriculum is specially designed to provide a challenging and enriching student experience.

ENGLISH 10 PLUS

2 Credits

Grade 10

Prerequisite: To take this course, students must be recommended by their 9th grade English teacher and/or the reading specialist.

Designed around the Read 180 framework, this two semester course prepares students for the increasingly challenging textbooks, projects, and writing assignments they will encounter in the junior courses. This course introduces students to foundations of literature through a daily exploration of fiction and nonfiction texts. Students will practice reading comprehension and fluency, writing effectiveness, vocabulary skills, research strategies, and critical thinking skills. More importantly, students will develop confidence as their language and writing skills improve over time and they experience academic success. Students in English 10 Plus will take the Keystone Literature Exam in May.

ENGLISH 10 (YEARLONG)

2 Credits

Grade 10

This course introduces students to foundations in literature. Students read a variety of works, including historical documents, speeches, plays, novels, essays, short stories, and poetry. In addition to the study of literature, students review parts of speech, parts of the sentence, phrases, clauses, and punctuation. Students write a variety of informational and persuasive responses, practice answering essay questions, and expand research skills. To prepare for college and career, students complete a formal vocabulary program as well as literature-based word studies. English 10 is designed to cover the Keystone literature anchors over an entire school year. Students in the yearlong class will take the Keystone Literature Exam in May. Placement in the course is by teacher recommendation.

ENGLISH 10 (SEMESTER)

1 Credit

Grade 10

This course introduces students to foundations in literature. Students read a variety of works, including historical documents, speeches, plays, novels, essays, short stories, and poetry. In addition to the study of literature, students review parts of speech, parts of the sentence, phrases, clauses, and punctuation. Students write a variety of informational and persuasive responses, practice answering essay questions, and expand research skills. To prepare for college and career, students complete a formal vocabulary program as well as literature-based word studies. The semester course will cover the same skills as the yearlong course, but at a much quicker pace, so students in this course must independently read and analyze literature. Students in the English 10 Semester class will take the Keystone Literature Exam at the end of the course. Placement in the course is by teacher recommendation.

ENGLISH 10 HONORS

1 Credit

Grade 10

Prerequisite: Student must meet honors criteria.

The sophomore Honors English course offers gifted and high-achieving students a challenging curriculum. In preparation for English 11 Honors, AP English Language, and/or AP English Literature. Through a more in-depth study of classical literature, advanced grammar, and vocabulary, students will strengthen their critical thinking skills as well as enhance their writing and research skills. Writing experiences will include essays, analytical evaluations, and persuasive and informative responses. Students in English 10 Honors will take the Keystone Literature Exam at the end of the course.

ENGLISH 11

1 Credit

Grade 11

This course is a continuation of the tenth grade course. Students will explore literature through various fiction or nonfiction selections. Reading comprehension and vocabulary will be strengthened throughout the course and students will further their critical thinking skills through a formal research project. Students will write complex literary analyses as well as informational and persuasive essays. College and career grammar and vocabulary skills will continue to be stressed throughout the course.

ENGLISH 11 BRITISH LITERATURE

1 Credit

Grade 11

This course provides a chronological survey of key British masterpieces, such as *Beowulf*, *Macbeth*, and *Frankenstein*. Modern world literature is also incorporated into literary studies in order to broaden students' perspectives. The written component complements the study of the literature and focuses on expository analysis with an emphasis on thesis development. Through multiple critical essays in which they incorporate grammar, usage, and vocabulary skills, students will develop an effective communicative style. A formal research paper on a literary topic culminates the course.

ENGLISH 11 HONORS

1 Credit

Grade 11

Prerequisite: Student must meet honors criteria.

The junior Honors English course is the final preparatory course for senior Advanced Placement English. The writing experiences include analytical papers, essay exams, and a research paper. An intense study of literature emphasizes thematic concepts, style, and biographical and historical relevance.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

1 Credit

Grade 11

This course is designed for high-achieving students who are interested in taking an Advanced Placement English course with a focus on nonfiction. Students read from a variety of historical periods and disciplines in order to identify the types of strategies and arguments that writers use. Throughout the course, students write using a variety of rhetorical skills and synthesize a variety of sources for researched essays. Students analyze a variety of verbal and nonverbal media, including essays, periodicals, advertising, journals, and websites. Students continue vocabulary study in preparation for the SAT, ACT, and AP examinations. In preparation for the rigors of the AP Examination, students take practice tests and complete timed writings. All students are encouraged to take the AP English Language and Composition Examination in May.

ENGLISH 12

1 Credit

Grade 12

The reading program focuses on selected modern and contemporary American writers, with emphasis on the development of comprehension skills and literature appreciation. Students will review essential grammar and usage skills and produce a variety of compositions, including workplace communications, reaction papers, and desktop publications. In addition, students will complete an informational retrieval project. Vocabulary continues to be stressed as a skill critical to effective communication.

SURVIVAL OF THE FITTEST

1 Credit

Grade 12

Prerequisite: Successful completion of English grades 9-11

This humanities-based course will be a study of what makes man survive in a situation in which others perish. Students will be studying the concept of survival as it pertains to biology, social situations, and apocalyptic scenarios, including (but not limited to) Darwin, dystopia, satire, technology, and death (bodily, physical, conceptual) itself. Texts include *Lord of the Flies*, *The SAS Survival Handbook*, *Robopocalypse*, and other independent novels. Our analysis of the subject of survival will extend to encompass the analysis of media, graphic novels, and websites to ultimately determine what it means to be a human when most other humans have died, been killed, or are no longer humans themselves. Extensive reading, writing, and some media viewing will be expected of all students who choose this course.

LITERARY AWARD WINNERS

1 Credit

Grade 12

Prerequisite: Successful completion of 11th grade English.

This course introduces students to literary award winners around the world who have made significant contributions to literature and the humanities. While the focus will be Nobel laureates, the course also includes other contemporary poet and writer laureates. The written component complements the study of the literature and focuses on the development of effective expository analyses. Critical essays incorporate advanced grammar, usage, and vocabulary skills. A formal research paper culminates the course.

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION I (FALL SEMESTER)

1 Credit

Grade 12

Prerequisite: Honors English 9-11

The Advanced Placement Literature and Composition program is divided into three main areas: literary analysis, critical writing, and vocabulary study. In literature, students study the works of Emily Brontë (*Wuthering Heights*), Shakespeare (*Hamlet*), Henry James (*The Turn of the Screw*), and Eugene O'Neill (*Emperor Jones*). Students are expected to complete three summer reading novels assigned the spring prior to their senior year: including *Frankenstein*, by Mary Shelley, *The Handmaid's Tale*, by Margaret Atwood and another novel TBA. Critical writing is extensive and incorporated into all phases of literary analysis. Students review all aspects of writing and revising sentences as well as master various strategies to develop extended analytical papers. Students are required to write a research paper on a literary topic of their choice. Students continue their study of vocabulary in preparation for the SAT, ACT, and AP examinations. Students may take the AP exam in the spring; however, it is recommended that they take AP II (spring semester) before attempting to take the Literature and Composition examination.

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION II (SPRING SEMESTER)

1 Credit

Grade 12

Prerequisite: Successful completion of Advanced Placement Literature and Composition I

This course is a continuation of Advanced Placement Literature and Composition I. Students study the works of Toni Morrison (*The Bluest Eye*), Leo Tolstoy (*The Death of Ivan Ilych*), and Voltaire (*Candide*). They analyze traditional and contemporary poetry, as well as study 17th, 18th, 19th, and 20th century essays. Students continue to write extended analytical papers and, to prepare for the rigors of the AP English exam, take practice tests and complete a series of timed writings. Students continue to write extended analytical papers to prepare for the rigors of the AP Literature examination in May.

ENGLISH DEPARTMENT CURRICULUM SEQUENCE AND CHOICES

Required Courses

|

9th Grade English

English 9 PLUS
English 9 Composition
English 9 Honors

|

10th Grade English

English 10 PLUS
English 10 Literature
English 10 Honors

|

11th Grade English

English 11
English 11 British Literature
English 11 Honors
AP Language

|

12th Grade English

Survival of the Fittest
English 12
Literary Award Winners
AP English Lit and Comp I
AP English Lit and Comp II

FAMILY AND CONSUMER SCIENCE DEPARTMENT

F.A.C.S. OF LIFE: FAMILY & CONSUMER SCIENCE SAMPLER

1 Credit

Grades 9, 10

This is an introductory course designed to give students an overview and understanding of the topics of study associated with Family and Consumer Science course offerings. This class will expose them to different aspects of Family and Consumer Sciences and raise awareness about issues which affect them outside of the classroom. Content areas of study in the FCS sampler will include: Friends & Family: Relating to Others, Parenting/Relating to Children, Food Nutrition and Wellness, Clothes You Wear: Care & Repair, The Place You Call Home & Managing your Life While Making Choices. Classroom theory, lab or hands on activities, will be the type of learning experiences typical in this class.

CLOTHING AND FABRICATION

1 Credit

Grades 9, 10, 11, 12

This course is designed to develop fabric construction skills. Students will learn to select clothes that compliment their figure and coloring. **Students will need to provide materials and complete at least three sewing projects.** Instruction will be provided in textiles, selecting and using a pattern and construction terms. As they make their project, students will learn to operate sewing machine, serger and pressing equipment.

FASHION & INTERIOR DESIGN

1 Credit

Grades 10, 11, 12

Prerequisite: ** Strongly suggested grade of C or better in Clothing and Fabrication

This course is a sequel to Clothing and Fabrication and designed to provide more advanced sewing instruction, develop sewing skills, and provide an opportunity to create “hands-on” projects in student interest areas. Careers in Dress Design, Costuming, Tailoring, Interior Design and Fashion Merchandising will be explored. Students may tailor their curriculum to their interest of study in any of the above mentioned career areas.

PLEASE NOTE

- *Child Development is prerequisite to all child study labs.*
- *Students may elect Pre-School Lab beginning sophomore year. Due to limited available student spaces, if you have an interest in taking Elementary Seminar Lab junior year, consider taking both Child Development and Pre-School during your sophomore year.*
- ***Students must have teacher recommendation & signature following completion of Child Development to continue with registration & course selection of Elementary Seminar Lab.***
- *Either Pre-School Lab OR Reaching to Teach can be taken as the prerequisite course for Elementary Seminar or written teacher recommendation.*
- *Seniors in good academic standing for graduation may take either Elementary Seminar Teaching Internship through the FCS department **OR** the Teacher Aide Program arranged through the guidance department, for a full or half year option (see page 57).*
- *Students involved in field experiences are responsible for arranging their own transportation.*

CHILD DEVELOPMENT

1 Credit

Grades 10, 11, 12

**Note:* This course is offered online and face to face. The online course will require some face to face components.

This class is the prerequisite for the Pre-School Lab experience. Child Development focuses on creating positive environments and experiences for children from conception through age five. The course begins with the choices involved with the decision of becoming a parent, prenatal nurturing, and birth. Developmental areas and special topics for infancy, toddler, and pre-school years are explored. The course is useful for anyone wishing to pursue a career in education, child care, social sciences, and for individuals who want to parent.

PRE-SCHOOL LAB

1 Credit

Grades 10, 11, 12

Prerequisite: ** Strongly suggested grade of C or better in Child Development course **or** **teacher recommendation.**

This course is a laboratory experience designed for motivated students who have demonstrated effective work habits and have a strong interest in possible careers working with children. This experience includes planning children's activities in weekly and daily block plans, maintaining portfolios for assigned children that include written observations, and written correspondence with parents of assigned children. This course will be offered during both the fall and spring semesters. Pre-School Lab can not be taken during the same semester as Child Development.

REACHING TO TEACH: CAREERS WORKING WITH CHILDREN (formerly CDA Prep Theory)

1 Credit

Grades 11, 12

Reaching to Teach is a theory course and study of advanced child development, designed to introduce students to the essential skills & care concepts needed for working with children in careers such as public child care, teaching, or child psychology. "Reaching to Teach" provides an opportunity for students to choose a directed path of study to explore. Students can focus in one of two career interest pathways, working in elementary/secondary education OR careers related to working in public child care and related fields.

CDA PREP (Child Development Associate) FIELD EXPERIENCE

2 or 3 Credits

Grade 12

Field Experience

Prerequisite: Child Development and “Reaching to Teach Careers Working with Children” (see explanation below), is for students selecting the CDA Prep Field Experience.

**Note:* CDA Prep fulfills the graduation requirement for a Business *OR* Career Study Course

The CDA Prep program is designed for students with an interest in exploring career opportunities in public child care or opening a day care facility. Students will study CDA skills competencies & theory in the “Reaching to Teach” course and participate in a child care center field experience which focuses on the skills of the child care professional. The field experience exposes students to responsibilities involved in early child day care while exploring content to prepare for earning a CDA (Child Development Associate) Credential. The CDA Credential is a nationally recognized certificate used to secure employment in child care fields. Students completing all course requirements in BOTH “Reaching to Teach” and the Field Experience may earn a CDA Test Ready Certificate and verification of hours working in a certified child care center. Students will be placed in a center in the community, in both fall and spring semesters during the 1st and 2nd block.

ELEMENTARY SEMINAR LAB CAREER STUDY

1 Credit

Grades 11, 12

Prerequisite: Successful completion of Child Development and Pre-School Lab *OR* Reaching to Teach. ***Students must obtain teacher recommendation and required signature to register for this course.***

**Note:* Elementary Seminar fulfills the graduation requirement for a Business *OR* Career Study Course.

This course is recommended for students who have a sincere interest in pursuing a career in teaching, or related fields dealing with children. The curriculum is designed to help students understand child development through direct interaction with the school aged child in an elementary classroom while exploring the teaching field as a career option. Students plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, and complete other responsibilities of classroom teachers. Curriculum content is taught both in the high school and on-site work in an assigned elementary classroom for one semester during the fourth & fifth period time block. After dismissal of the elementary children, student seminar aides will remain in the building until the end of the high school dismissal time for related coursework and classroom preparation.

SEMINAR II CAREER STUDY—TEACHER INTERN

1 Credit

Grades 11, 12

Prerequisite: Successful completion of Elementary Seminar. *Teacher recommendation required.*

**Note:* Seminar II Career Study fulfills the graduation requirement for a Business *OR* Career Study Course.

This placement is in sequence following the completion of Elementary Seminar Lab Career Study for students who are interested in additional experiences exploring current issues that impact education today and teaching as a career choice. Placement rotations are utilized to allow students to have experience in a full range of education career roles, grade levels, subject areas and ability groups. The IST Intern assists in providing remediation to small groups or individuals of elementary or middle school students that need additional practice of skills or concepts. Curriculum content is taught both in the high school and on-site work in an assigned classroom for one semester during the fourth period time block. Following dismissal of the children, IST interns will remain in the building until the end of the high school dismissal time for related coursework and classroom preparation.

FOOD FUNDAMENTALS

1 Credit

Grades 10, 11, 12

Explore the world of nutrition and food preparation while learning about careers in the food industry. Gain practical life skills while learning many cooking concepts, using different equipment, and preparing dishes from all food groups. Safety and sanitation are emphasized at all times. This class is a combination of lecture and lab experiences and will utilize kitchen math concepts. Students are expected to do one major research project. Teamwork is essential, as is attendance. Missed labs may need to be made up at home.

CULINARY CREATIONS

1 Credit

Grades 11, 12

Prerequisite: **Strongly suggested grade of C or better was earned in Food Fundamentals before enrolling in Culinary Creations

Students build on the kitchen skills they learned in Food Fundamentals. They compare homemade foods to processed foods, fitness to fads and chronic illness to diet. Students prepare breads, soups, salads, sandwiches, casseroles, and meals. Creativity can shine through cake decorating, candy making, and garnishing. Students learn about regions of the United States and foods from other countries. Students are expected to create a travelogue power point. Teamwork is essential, as is attendance. Missed labs may need to be made up at home. Students will be required to complete a few at home cooking assignments.

SUCCESSFUL LIVING

1 Credit

Grades 11, 12

This course is to prepare students to make wise decisions when they live on their own and get involved in relationships. After planning a budget, students will learn effective ways to manage their income. Students will be able to protect themselves against consumer fraud in the technology age. As housing, insurance, car, food, clothing, and recreation decisions are explored, the student will learn to apply the decision making process.

FAMILY & CONSUMER SCIENCE DEPARTMENT COURSE SELECTION DIAGRAM

Course Options	General Survey	Culinary Arts Options	Clothing & Textiles	Child Study Options
9 th Grade	F.A.C.S. of Life: Family & Consumer Science Sampler		Clothing & Fabrication	
			Interior Design	
10 th Grade	F.A.C.S. of Life: Family & Consumer Science Sampler	Foods Fundamentals	Clothing & Fabrication	Child Development
	Successful Living		Fashion Design & Advanced Sewing	Pre School Lab
11 th Grade	F.A.C.S. of Life: Family & Consumer Science Sampler	Foods Fundamentals	Interior Design	Child Development
	Successful Living	Culinary Creations	Clothing & Fabrication	Pre School Lab
			Fashion Design & Advanced Sewing	Elementary Seminar
				Reaching to Teach
12 th Grade	F.A.C.S. of Life: Family & Consumer Science Sampler	Foods Fundamentals	Interior Design	Child Development
		Culinary Creations	Clothing & Fabrication	Pre School Lab
	Successful Living		Fashion Design & Advanced Sewing	Elementary Seminar Lab
				IST Intern

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

Physical Education

The South Western Physical Education Department and the School District has made a commitment to promote life-long fitness and prepare students to live healthy, productive and physically active lives.

Our program is designed to provide:

- An understanding of sound physical, social and emotional well-being through a variety of activities.
- A foundation to make informed decisions that will empower students to achieve and maintain a healthy lifestyle.
- Challenges for all students to grow in character, confidence, and self-image.

We believe physical education is a life-long process which should be shared by the students, the home and the community.

Physical education is required in all grades. It will be the responsibility of all students to change into the appropriate clothing for the activity when directed. A course portfolio must be maintained throughout the semester for all course offerings, and will be checked/graded at the discretion of each instructor. Physical Education classes meet every other day for one semester each year and will include physical fitness activities as an integral part of the experience.

PE: FITNESS FOR LIFE

.5 Credit

Grade 9

The Fitness for Life Course will be a requirement for all ninth grade students. The focus of this course is to effectively present quality information about health-related fitness and lifelong physical activities. Included are fitness concepts and activities in each course section. Self-assessment tools are provided so students can determine their own personal fitness level and subsequently develop an individualized fitness program based on individual goals.

PE: MUSTANG WELLNESS & FITNESS

.5 Credit

Grades 10, 11, 12

Prerequisite: Successful completion of the Fitness for Life

All students in grades 10–12 must select this physical education course.

The Physical Education curriculum is designed to provide knowledge and experience through physical fitness activities, team and individual sports, aquatics, movement education, and low organization games. Students are encouraged to work together in promoting course and individual goals. Activities will be broken up into three separate tracks and will be elected by the student. Each of these three separate tracks will offer varied activities which will progress in skill and intensity.

Possible tracks include the following

Team Sports

This track is designed for students who are interested in a game environment. Track activities are team based and promote the development of team concepts. Activities may include fitness training, football, soccer, softball, floor hockey, basketball, Tchoukball, speedball, and team handball. This is a track for a student seeking rigorous activities in a competitive environment.

Net Games

This track is designed for any students interested in a variety of net and racket games. The track will focus on the development of skills, strategy, rules and general game knowledge. The class will enable students to identify activities that can be pursued later in life as a means of maintaining or increasing physical fitness. Activities of the track may include Badminton, Tennis, Volleyball, Speedminton, Pickleball, and aerobic fitness activities.

Lifetime Fitness

The track emphasizes physical fitness attained participating in life-long recreational activities. This track is designed to help students experience the social and wellness aspects of physical fitness and activity that promotes healthy living. Activities may include walking, jogging, aerobic, yoga, pilates, golf, dance/Zumba, and exercises using technology (dvd, apps, gaming systems).

Large Group Games

This track is designed for students looking to work in a large group environment to promote lifelong fitness with a focus on teamwork and play. Students will participate in activities such as Kin Ball, Ultimate Frisbee, Capture the Flag, and parachute activities.

Strength and Conditioning

This track is a combination of classroom, weight training, and cardiovascular fitness activities. Students will take part in activities that will enhance cardiovascular fitness, muscular strength and endurance, flexibility and body composition. The benefits of exercise and its effect on the systems of the body will be introduced. The primary objectives of this course are to improve the health-related components of fitness and to introduce the student to the concepts of fitness program design and application.

Adventure Sports

This track is designed to offer a variety of lifelong activities and to form strong relationships and bonds in the process. Students will first learn how to work together as a team. Students will learn about and participate in other lifetime outdoor activities such as hiking/backpacking, disc golf, orienteering/geocaching, use of the climbing wall, which will help them to make healthy decisions and be healthy for life.

Recreational Games

This track is designed to develop socially acceptable uses of leisure time and recreation activities that will positively impact individuals through improved health, wellness, with better relationships and improved performance in the school, home and work environment. The goal is to increase the students' quality of life by offering a variety of activities such as bowling, bocce, four square, horse-shoes, wiffle ball, and kickball.

Water Activities

This track is designed to promote comfort in the water. Students will participate in conditioning programs and various types of games and activities that are designed to attain and maintain physical fitness while the body is submerged in water.

SENIOR CONTRACT

This course is a component track of the PE: Mustang Wellness & Fitness

Grade 12

Prerequisite: Successful completion of the Fitness for Life course and grade 10 & 11 Phys. Ed. courses of choice.

Offered as an elective to seniors, this course is intended to give our young adults an opportunity to begin making sound choices relative to leading a healthy, active and fit lifestyle. This program will be limited and enrollment will be screened by the physical education department. The primary goal of this student-centered option is to encourage the students to explore the benefits of consistent involvement in activities that promote lifelong fitness. Students in this course will be scheduled as usual, but will be responsible to make provisions to use a local facility that is in partnership with South Western High School. All costs incurred and transportation must be provided by the individual student and their family. Following completion of the registration form with parental approval, each student will be assigned a member of the physical education faculty who will serve as their contract supervisor. Because the students will be off-campus in our community it is understood that our students' behavior must reflect the high expectations of the South Western School District. Accordingly, any behavior that reflects poorly on our district, our school, or the physical education department, will be reason for immediate removal from the contract agreement. Finally, it should be understood that this program is a privilege and excessive absenteeism may also be reason for immediate removal from the course.

GRADE 9 & 11 HEALTH

.5 Credit Per Course

Taught at two (2) levels in conjunction with the Fitness for Life (9th grade) and Mustang Wellness & Fitness (11th grade), these are required co-educational courses which meet every other day of the semester. A notebook must be maintained throughout the course and semester projects must be completed. The 9th grade level addresses mental health, nutrition, controlled substances, basic human development and sexually transmitted infections. The 11th grade course discusses family life, social health, human sexuality, disease and death & dying.

HUMAN ANATOMY AND PHYSIOLOGY

1 Credit

Grades 11, 12

Prerequisite: Successful completion of Biology

This course is designed for the student interested in a career in the science or health care profession. The human body is the focus of the course. The course will examine the individual components and organization of the body, its positioning and movements. The systems of the body, including skeletal, muscular, integumentary, nervous, digestive, respiratory, and cardiovascular, will be studied in depth for both structure and function.

STUDENT ATHLETIC TRAINING PRACTICUM

.5 Credit

Grades 9, 10, 11, 12

This student training practicum is required for all students who choose to serve as a student athletic trainer for one or more of our athletic teams. Students are required to complete a progressive series of educational packets, master practical training skills (first aid, taping, wrapping), and attend all practices and competitions for the teams to which they are assigned. Students may complete a maximum of four (4) levels of this practicum. **(The completion of this program takes place outside the regular school day and is counted in addition to the eight (8) credits that students complete during the regular school day).**

SAFETY EDUCATION

SAFETY EDUCATION/FIRST AID

.5 credit

Grade 10

The safety education course attempts to create within the student an awareness of the traffic problems that exist in our society today. The students will gain knowledge of possible solutions to these traffic problems through lectures and a variety of student classroom discussions. The course will include the following: state inspection system, and state laws, safe and efficient driving practices, driving environment and emergency driving skills, safety devices on motor vehicles and their uses, basic vehicle controls and maintenance procedures, influences on driver's abilities (alcohol and drugs), auto insurance and accident involvement, and preparing students for the PA driver's exam (driver's manual). This course will be scheduled along with a student's sophomore physical education course and will include information on personal safety, injury prevention, and responding to emergency situations. First Aid skills will include bleeding control, splinting, immobilization, care for sudden illness and poisoning. Basic rescue skills will include care for choking victims, rescue breathing, cpr and aed use. Practical and written testing will be utilized.

PRACTICE DRIVING

Grades 10, 11, 12

Prerequisite: Successful completion of Safety Education/ First Aid and PA driver's license or learner's permit.

This is an optional 6 hour behind-the-wheel training course. There is a mandatory fee required to participate in this program. Students with permits will have priority over students with a license. At the end of the course the driving (license) test will be administered to students when they are eligible.

MATHEMATICS DEPARTMENT

NOTE TO STUDENTS AND PARENTS:

The No Child Left Behind Act signed into law by President Bush on January 8, 2002, requires school districts to make significant changes in terms of student achievement. This act requires all schools to make adequate yearly progress toward having all students perform at a proficient level in mathematics.

To comply with the intent of the law the mathematics department has developed the following guidelines for scheduling courses in the high school.

- 1. All students are required to take AT LEAST ONE math course per year through their junior year to increase their chance for success on various standardized testing such as SAT and college placement tests.**
- 2. Any incoming freshman who has not taken or passed the Keystone Algebra I Exam will be required to take Algebra I.**
- 3. Students who do not pass the Keystone Algebra I Exam will be placed in the Keystone Math Prep class prior to taking another math course.**

PRE-ALGEBRA PLUS (Spring Semester)

1 Credit

Prerequisite: By admin placement only

Pre-Algebra Plus is a foundational math course for students who have been selected based on previous courses and assessments. This course will offer students the opportunity to build their basic math skills which are necessary for success in Algebra 1. Number sense, problem-solving, and arithmetic operations will be the emphasis of this class. The Pre-Algebra Plus course will use both a classroom and computer portion where students will work with a research based math preprogram to reinforce skills learned in the classroom setting.

ALGEBRA I PLUS (Yearlong)

2 Credits

Prerequisite: By admin placement only

Algebra I will provide the foundation upon which all of the upper level courses are built. It is essential that any student wishing to take the upper level courses do well in Algebra I. This course covers the following areas of study: solving linear equations and inequalities, functions, relations and graphs, polynomials, exponents, and data analysis. Algebra I is designed to cover the Keystone Algebra I anchors over an entire school year. This course provides instruction on math standards prerequisite to mastering algebra. Students will be required to take the Keystone Algebra I exam in May.

ALGEBRA I (Yearlong)

2 Credits

Algebra I will provide the foundation upon which all of the upper level courses are built. It is essential that any student wishing to take the upper level courses do well in Algebra I. This course covers the following areas of study: solving linear equations and inequalities, functions, relations and graphs, polynomials, exponents, and data analysis. Algebra I is designed to cover the Keystone Algebra I anchors over an entire school year. Students will be required to take the Keystone Algebra I exam in May.

ALGEBRA I (Semester)

1 Credit

Algebra I will provide the foundation upon which all of the upper level courses are built. It is essential that any student wishing to take the upper level courses do well in Algebra I. The Algebra I semester will cover the same areas of study as the yearlong course, but at a much quicker pace. Students entering the Algebra I semester course should have a strong linear function background as this class will quickly review these topics before moving into the remaining Algebra I anchors. Students will be required to take the Keystone Algebra I exam upon completion of this course.

KEYSTONE MATH PREP

.5 Elective Credit

Grades 10, 11, 12 by Administrative Placement

Prerequisite: Not proficient on Keystone Algebra I Exam

This course is designed for students that have not successfully passed the Keystone Algebra I Exam. The purpose of this course is to strengthen students' skills in Algebra in preparation for the Keystone Algebra I Exam retake opportunity. This course will emphasize skills in operations with real numbers and expressions, linear equations, linear inequalities, functions, coordinate geometry, and data analysis. In addition to classroom instruction, students will work extensively with Study Island in the computer lab in tutorial and practice sessions.

GEOMETRY

1 Credit

Grades 9, 10, 11

Prerequisite: Successful completion of Algebra I

Geometry is a rigorous course designed for those students who have successfully completed Algebra I. This course is a formal development of a mathematical system beginning with certain definitions and postulates and develops new theorems by means of formal proofs. Both inductive and deductive reasoning are used, along with elementary logic. The basic trigonometric functions are also covered.

HONORS GEOMETRY

1 Credit

Grades 9, 10

Prerequisite: See Honors criteria or teacher recommendation

This course is designed for gifted and selected high achieving students. Both inductive and deductive reasoning will be used to develop a formal mathematical system, beginning with certain definitions and postulates, using these to develop new theorems by means of formal proofs. Honors Geometry is a feeder course for the senior level Advanced Placement Calculus course. Course content is enriched to provide the student with a challenging and advanced experience.

ALGEBRA II KEYSTONE

1 Credit

Grades 9, 10, 11, 12

Prerequisite: Successful completion of Algebra I and Geometry

This course is designed for the college bound student who achieved a basic level on the Algebra I Keystone Exam. The course covers quadratic functions, advanced factoring techniques, polynomials, rational functions, radicals, and an introduction to exponential and logarithmic functions. This course develops the theoretical approach to the subject and provides examples of applications of the topics as well. Students earning credit in this course will be prepared for Math Applications or Probability and Statistics.

ALGEBRA II

1 Credit

Grades 9, 10, 11, 12

Prerequisite: Successful completion of Algebra I and Geometry

This course is designed for the college bound student who earned a proficient or advanced level on the Algebra I Keystone Exam. The course covers quadratic functions, advanced factoring techniques, polynomials, rational functions, radicals, complex numbers, and an introduction to exponential and logarithmic functions. This course develops the theoretical approach to the subject and provides examples of applications of the topics as well. A final average of a C or better is necessary to move into Pre-Calculus, C++ computer programming, or AP Statistics.

ALGEBRA II HONORS

1 Credit

Grades 9, 10

Prerequisite: Honors Geometry and Honors criteria and teacher recommendation

This course is designed for gifted and high-achieving students. Topics are covered at a faster pace and more in-depth than in Algebra II. There will be a strong emphasis on problem solving and the use of graphing calculators. This course is a feeder course for the Advanced Placement Calculus course. The course content is enriched to provide the student with a challenging and advanced experience.

PRE CALCULUS

1 Credit

Grades 10, 11, 12

Prerequisite: C or better in Geometry and Algebra II

This course is designed for college bound students or those students demonstrating above average ability in mathematics. The course content includes a formal study of the trigonometry of right triangles, circular functions, trigonometric identities, graphing of trigonometric functions, and solving trigonometric equations. Also advanced algebra topics such as exponential and logarithmic functions will be discussed. A strong algebraic background is necessary for success in this course.

PRE-CALCULUS HONORS

1 Credit

Grades 10, 11, 12

Prerequisite: Successful completion of Honors Criteria, Honors Algebra II

This course is designed to prepare gifted and selected high-achieving students for Advanced Placement calculus. Students are introduced to the mathematical concepts, language, and reasoning that are essential to a college-level calculus course. The course content includes a rigorous study of trigonometric, polynomial, rational, exponential, and logarithmic functions. This will include a study of circular functions, trigonometric identities, and polar coordinates. Course content is enriched to provide the student with a challenging experience in both trigonometry and advanced mathematics.

ADVANCED PLACEMENT CALCULUS I (FALL SEMESTER)

1 Credit

Grades 11, 12

Prerequisite: Successful completion of Pre-Calculus or teacher recommendation

This course is designed as a college level calculus course. The following topics in differential and integral calculus will be covered: Functions, Derivatives, Integrals, and Limits with emphasis on applications of these concepts. Students will have the opportunity to take the Advanced Placement examinations upon completion of this course for possible college credit; however it is recommended that students also take AP Calculus II (spring semester) before attempting to take the Advanced Placement Test. Enrolling in only one semester of AP Calculus is strongly discouraged. **If you do not plan on taking both semesters of AP Calculus, select Calculus instead.**

ADVANCED PLACEMENT CALCULUS II (SPRING SEMESTER)

1 Credit

Grades 11, 12

This course is designed as a continuation of the college-level course content of Advanced Placement Calculus I. The course enables students to continue to prepare themselves for Advanced Placement Test in Calculus AB. All students will be strongly encouraged to take the AP Test in the spring. All students will also be required to complete a course project directly related to the course content.

CALCULUS

1 Credit

Grades 11, 12

Prerequisite: C or better in Pre-Calculus

This course is designed to introduce students to the topics covered in a basic calculus course. The following topics in differential and integral calculus will be introduced: functions, derivatives, integrals, and limits with an introduction on the application of these topics. This course will not prepare you to take the AP exam for possible college credit but should provide you with a foundation for success in a calculus course in college. In order to promote the best chance for student success in this course, it is recommended that a student receive a grade of C or better in Pre-Calculus. It is recommended that students consult with their mathematics teacher as part of their decision making process to accept the challenge of this course.

MATHEMATICS: APPLICATIONS AND CONCEPTS

1 Credit

Grades 11, 12

Prerequisite: Algebra I and Geometry

Math Applications and Concepts is a mathematics course with a business approach. This course is designed to introduce and expand algebraic techniques for students within a real world setting and will include topics of personal finance and business math. Some of the topics that will be covered are income, bank accounts, loans, credit cards, insurance, housing costs and financial management. Computer programs such as Excel, Quickin, simulations, etc. as well as calculators and spreadsheets will be incorporated. This course is designed for students who have completed Algebra 1 and Geometry and are interested in exploring applications of mathematics.

INTRODUCTION TO COMPUTER PROGRAMMING: C++

1 Credit

Grades 10, 11, 12

Prerequisite: Algebra II

Introduction to Computer Science (C++) is an introductory computer science course designed to teach the basic concepts of computer science through project-oriented programs. Upon completion of this course, students will be able to read and write C++ programs at a basic to moderate level of complexity and length. Programming projects will emphasize proper use syntax and documentation, including the standard data types, mathematical/logical/relational operators, I/O manipulators, selection structures and loops.

PROBABILITY AND STATISTICS

1 Credit

Grades 11, 12

Prerequisite: Successful completion of Algebra I, Geometry

Probability and Statistics is a course designed to provide students with an introduction to statistical reasoning and probability. Emphasis will be on concepts rather than in-depth coverage of traditional statistical methods. Topics include sampling and experimentation, objectives and pitfalls of statistical studies, descriptive analysis and graphical representation of single-variable and bivariate data and common probability distributions. Students will have the opportunity to learn about the statistical software on Excel as well as the advanced capabilities of a graphic calculator. Students who intend to major in psychology, education, healthcare, or business should consider enrolling in this course.

ADVANCED PLACEMENT STATISTICS

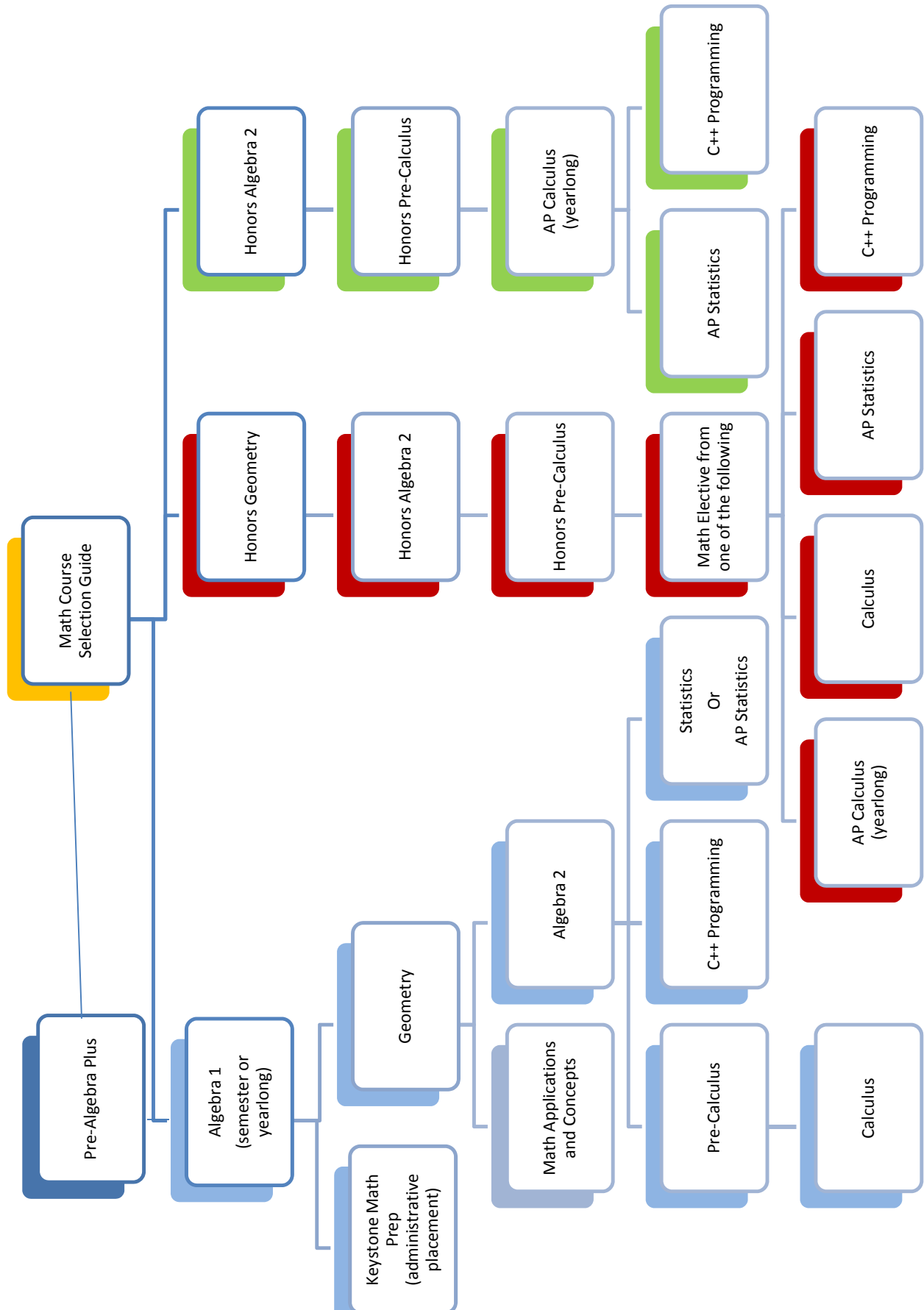
1 Credit

Grades 11, 12

Prerequisite: C or better in Algebra I, Geometry, and Algebra II

This course is designed for high achieving mathematics students who are interested in taking an Advanced Placement course. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data—describing patterns and departures from patterns, sampling and experimentation—planning and conducting a study, anticipating patterns—exploring random phenomena using probability and simulation, and statistical inference—estimating population parameters and testing hypotheses. Students will have the opportunity to learn about statistical software on Excel, Minitab, and the advanced capabilities of the graphing calculator. Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course. An introductory statistics course, similar to the AP Statistics course, is typically required for majors such as social sciences, health sciences and business. Also, science engineering and mathematics majors usually take an upper-level calculus-based course in statistics, for which the AP Statistics course is effective preparation.

Mathematic Sequences



MUSIC DEPARTMENT

MUSIC HUMANITIES: A GLOBAL PERSPECTIVE

1 Credit

Grades 9, 10, 11, 12

From the Medieval to Modern time periods, this course will explore the arts found in today's society. Styles of music, art, drama & architecture will be compared and contrasted across regions and time. There is an emphasis on genres of music and visual "masterpieces" of our past. See, hear and EXPERIENCE the creative arts!

PIANO CLASS I

1 Credit

Grades 9, 10, 11, 12

This course deals with the rudiments of music and the playing skills of the piano. Emphasis will be on the playing of simple melodies and songs. A recital will be held at the end of the course. Prior keyboard knowledge is not a prerequisite.

PIANO CLASS II

1 Credit

Grades 9, 10, 11, 12

Prerequisite: Successful completion of Piano I, by audition, or recommendation of Piano I teacher

This course is a continuation of Piano I. The course continues the development of current piano skills. Areas of study will include sight reading, chording, transposition, technique, and performance based repertoire. Students will be expected to demonstrate their keyboarding ability during a recital held at the end of the course.

VOICE CLASS

1 Credit

Grades 9, 10, 11, 12

This course will be a study of the techniques of singing for the purpose of developing the voice. Emphasis will be on the development of vocal range, quality, tone control, breathing, phrasing, expression, and diction. Numerous solo performances will be required, and a solo recital performance will be held at the end to the course. Students can only elect this course one time. **It is recommended that students currently enrolled as members of the choral department not elect this course.**

MUSIC THEORY I

1 Credit

Grades 11, 12

Areas of study will include ear training (dictation), sight-singing, keyboard activities and fundamentals of music composition. (Students should be enrolled in one or more of the music organizations in the high school or be somewhat "musically inclined".)

MUSIC THEORY II

1 Credit

Grade 12

Prerequisite: Successful completion of Music Theory I

This is a continuation of Music Theory I in all aspects. Music Composition is emphasized along with advanced ear training (dictation). (Students should be enrolled in one or more of the music organizations in the high school or be somewhat "musically inclined".)

MUSIC: INSTRUMENT AND VOCAL

Meets all year for 1 Credit

Each course will be given 1 credit upon successful completion of the course. Any combination of the three courses will not exceed 1 credit.

BAND

Grades 9, 10, 11, 12

Prerequisite: An audition with the instrumental musical director

The high school instrumental program includes the following organizations: Marching Band, Concert Band, Symphonic Band and Jazz band. Concert and Symphonic Band meet during the school day with the number of days per week to be determined by the director.

ORCHESTRA

Grades 9, 10, 11, 12

Prerequisite: An audition with the orchestra director

The high school orchestra program includes the following organizations: Symphony orchestra made up of string, woodwind, brass, and percussion instruments; and Chamber Orchestra, comprised of string instruments only. (Membership of Chamber Orchestra determined by audition.)

All string players are members of the Symphony Orchestra. Woodwind, brass, and percussion members must receive a recommendation from the band director, and must remain a member of either the Concert Band or Symphonic Band.

CHOIR

Grades 9, 10, 11, 12

Prerequisite: An audition with the choral music director

The high school vocal music program includes the following organizations: Concert Choir, Women's Chorus, Singchronicity, Extreme Measures, and You've Got Male. The Groups will meet during the school day with the number of days a week to be determined by the directors. Singchronicity and Extreme Measures rehearse outside the regular school day. A student must be a member of either the Concert Choir or Women's Chorus to be eligible to audition for Singchronicity or Extreme Measures.

WORLD DRUMMING

.5 Credit

Grades 9, 10, 11, 12

Prerequisite: This class is scheduled by guidance & admin. to wrap with Senior PE, Biology Remediation or Algebra Remediation

This course covers the basics of hand drumming as it relates to the tribal cultures of the world. Emphasis will be placed on developing a cultural understanding of the people and places that the music represents. Students will be actively participating both vocally and instrumentally during the class. Informal performances will be scheduled throughout the duration of the course for students to demonstrate their knowledge. No prior musical experience is necessary.

SCIENCE DEPARTMENT

“Education has no higher purpose than preparing people to lead personally fulfilling and responsible lives. For its part, science education—meaning education in science, mathematics, and technology—should help students to develop the understandings and habits of mind they need to become compassionate human beings able to think for themselves and to face life head on. It should equip them also to participate thoughtfully with fellow citizens in building and protecting a society that is open, decent, and vital. America’s future—its ability to create a truly just society, to sustain its economic vitality, and to remain secure in a world torn by hostilities—depends more than ever on the character and quality of the education that the nation provides for all of its children.”

—From Project 2061, Science for All Americans

All students are required to take at least 3 courses in Science. Proficiency on the Biology Keystone is required for graduation, starting with the Class of 2017, and so all students must take either Academic or Honors Biology.

***GENERAL SCIENCE**

1 Credit

Grade 9

This course is designed to teach the use of scientific principles that will be employed in later science courses. It develops scientific problem solving techniques that will carry over to other course and everyday life. The subject matter explores some of the basic principles of Chemistry and Physics. This course involves mathematical calculations and analysis. The course content will be presented through a combination of minds-on experiences, lab activities, direct instruction, and problem analysis.

***GENERAL SCIENCE HONORS**

1 Credit

Grade 9

Prerequisite: Algebra I, Must meet Honors Criteria

This course is designed to provide students with the basic foundations for successful participation in the remaining sequence on honors scientific course. The course will help students to develop scientific thinking processes and skills that will support them throughout their academic pursuits as SWHS and beyond, as well as in everyday life. The contents of the course will include: (1) General Chemistry, including classifications of matter, atomic theory, periodic law, chemical bonding, and reactions; (2) Physics concepts, including Newton’s laws of motion, thermodynamics, energy and work, nuclear energy, light and sound.

* denotes Physical Science

** denotes Life Science

****BIOLOGY (YEARLONG)**

2 Credits

Grades 10, 11

Prerequisite: General Science and teacher recommendation

Academic Biology is a two-semester course designed to provide students with a comprehensive overview of the major biological principals. Students will be learning about the following areas of biological interest: (1) Scientific method and microscopy. (2) Biochemistry: carbohydrates, lipids, proteins, and nucleic acids. (3) Structure, function, and reproduction of prokaryotic and eukaryotic cells. (4) Biological Processes: photosynthesis, anaerobic and aerobic cellular respiration, mitosis and meiosis, and protein synthesis. (5) Mendelian Genetics and Human Genetics. (6) DNA technologies. (7) Evolution. (8) Ecological Principals. Students will be exposed to various scientific techniques and laboratory investigations. The course is aligned with the Pennsylvania State Assessment Anchors and will prepare students for the Keystone Examination.

****BIOLOGY (SEMESTER)**

1 Credit

Grades 10, 11

Prerequisite: General Science and teacher recommendation

Academic Biology is a one-semester course designed to provide students with a comprehensive overview of the major biological principals. Students will be learning about the following areas of biological interest: (1) Scientific method and microscopy. (2) Biochemistry: carbohydrates, lipids, proteins, and nucleic acids. (3) Structure, function, and reproduction of prokaryotic and eukaryotic cells. (4) Biological Processes: photosynthesis, anaerobic and aerobic cellular respiration, mitosis and meiosis, and protein synthesis. (5) Mendelian Genetics and Human Genetics. (6) DNA technologies. (7) Evolution. (8) Ecological Principals. Students will be exposed to various scientific techniques and laboratory investigations. The course is aligned with the Pennsylvania State Assessment Anchors and will prepare students for the Keystone Examination in a one-semester course.

Students will be required to complete additional projects and assignments outside of the classroom in order to prepare for the Keystone Examination.

****BIOLOGY HONORS**

1 Credit

Grades 10, 11, 12

Prerequisite: General Science Honors and meets Honors criteria

Honors Biology is an accelerated course designed to have students engage in an in-depth study of the following areas of biological science: (1) Characteristics of Life and Microscopy; (2) Biochemistry: carbohydrates, lipids, proteins, and nucleic acids; (3) Structure, function, and reproduction of prokaryotic and eukaryotic cells; (4) Biological Processes: photosynthesis, anaerobic and aerobic cellular respiration, mitosis and meiosis, and protein synthesis; (5) Mendelian Genetics and Human Genetics; (6) DNA technologies; (7) Evolution; (8) Ecological Principals. Students will be expected to participate in laboratory experiments, discuss and analyze supplemental readings and articles, and complete additional projects and assignments outside of the classroom relating to the course content. This course is designed to cover Keystone Exam Content in a one-semester course.

KEYSTONE BIOLOGY PREP

.5 Elective Credit

Grades 10, 11, 12 by Administrative Placement

Prerequisite: Not proficient on Keystone Biology I Exam

This course is designed for students that have not successfully passed the Keystone Biology Exam. The purpose of this course is to strengthen students' skills in Biology in preparation for the Keystone Biology Exam retake opportunity.

**denotes Physical Science*

*** denotes Life Science*

****ADVANCED PLACEMENT BIOLOGY I (FALL SEMESTER)**

1 Credit

Grades 11, 12

Prerequisite: Chemistry H, Biology H or teacher recommendation, and meets Honors criteria

This course gives students the opportunity to pursue college-level biological studies and laboratory techniques while still in high school. The course covers a variety of topics related to four Big Ideas: 1. The process of evolution drives the diversity and unity of life; 2. Biological systems utilize free energy to grow, to reproduce, and to maintain dynamic homeostasis; 3. Living systems store, retrieve, transmit, and respond to information essential to life processes; 4. Biological systems interact, and these systems and their interactions possess complex properties. Included will be the study of Biochemistry, Cell Biology, Heredity, and Molecular Genetics. Approximately 25% of class time will be devoted to a series of inquiry-based labs that focus on science practices. Students will be encouraged to take the AP Biology test.

**** ADVANCED PLACEMENT BIOLOGY II (SPRING SEMESTER)**

1 Credit

Grades 11, 12

Prerequisite: Successful completion of Biology AP I

This course is designed as a continuation of the college-level course material covered in Biology AP I. The course continues to be focused on the four Big Ideas listed in the Biology AP I description. Included will be an extended study of Evolution, Biodiversity, and Ecology. Approximately 25% of class time will be devoted to a series of inquiry-based labs that focus on science practices. Students will have the opportunity to dissect fetal pigs. The course enables students to successfully prepare themselves to take the Biology AP Exam.

***PHYSICS**

1 Credit

Grades 10, 11, 12

Prerequisites: General Science, Algebra II

Physics attempts to describe and explain the most complex physical interactions in the universe with the fewest fundamental concepts possible. From the quantum nature of the smallest particle to the expansion of the physical universe, students of physics will learn to seek out connections between seemingly unrelated phenomena. Academic physics is designed to provide the framework for the understanding of mechanics, the study of motion. Students will be asked to develop their critical thinking and problem solving skills, apply and enhance their mathematical ability, and explore the fundamental concepts that explain the behavior of the physical universe.

***PHYSICS HONORS**

1 Credit

Grades 10, 11, 12

Prerequisites: Algebra II, General Science H, and meets Honors criteria

Students in honors physics will explore the same concepts as in academic physics plus a few additional concepts in order to provide a more complete understanding of classical physics. However, these concepts will be investigated in greater depth and with more rigorous problem solving than required in academic physics. Students will be asked to explore the powerful impact that physics and physicists have had on history and the momentum they provide to our future. Students who successfully complete honors physics and have the desire to further explore the fundamental nature of the universe will be permitted to select the AP physics course for the following school year.

denotes Physical Science** denotes Life Science*

***PHYSICS ADVANCED PLACEMENT (B) I (FALL SEMESTER)** 1 Credit

Grades 11, 12

Prerequisites: Algebra II, Physics H, and meets Honors criteria

The purpose of this course is to provide a college level physics experience to students who are considering entering science, technology or engineering fields. Topics will include mechanics, kinetic theory, thermodynamics, electricity and magnetism. Although calculus is not required, a strong knowledge of algebra and trigonometry is essential. Students will develop their problem solving skills and their ability to think logically, critically and creatively. Students who desire to take the AP (B) exam should take the second semester of this course.

***PHYSICS ADVANCED PLACEMENT (B) II (SPRING SEMESTER)** 1 Credit

Grades 11, 12

Prerequisites: Algebra II, Physics AP (B) I, and meets Honors criteria

The second semester of AP physics will continue to expand upon the students' understanding of the physical universe. Topics will include electricity and magnetism, basic electric circuits, waves, optics and modern physics which includes atomic, quantum, and nuclear physics, as well as special relativity. Although calculus is not required, a strong knowledge of algebra and trigonometry is essential. Students will develop their problem-solving skills and their ability to think logically, critically and creatively. Students who desire to take the AP (B) exam will be prepared to do so upon successful completion of both semesters of this course.

***CHEMISTRY** 1 Credit

Grades 10, 11, 12

Prerequisite: General Science, Algebra I

Chemistry consists of a survey of chemical nomenclature, periodic trends, atomic theory, quantum mechanics, chemical bonding, stoichiometry, kinetic theory, solutions, thermodynamics, and acid and base chemistry. The laboratory experience consists of general experiments designed to aid the student in the lecture section of the course. The use of mathematics is a critical feature of problem solving in this course.

***CHEMISTRY HONORS** 1 Credit

Grades 10, 11, 12

Prerequisite: Algebra I, General Science H (or recommendation of a teacher), and meets Honors criteria

Chemistry consists of a survey of chemical nomenclature, periodic trends, atomic theory, quantum mechanics, chemical bonding, stoichiometry, kinetic theory, solutions, thermodynamics, and acid and base chemistry. This course is an accelerated chemistry class designed to prepare students for Chemistry II. Extensive laboratory experiences will be provided during the course.

***CHEMISTRY II HONORS** 1 Credit

Grades 11, 12

Prerequisite: General Science, Biology, Chemistry I, Physics, Algebra II, and meets Honors criteria

Chemistry II is an advanced and continued version of Chemistry I. Topics include organic chemistry, solutions, basic thermodynamics, thermochemistry, kinetics and equilibrium, and electrolytes. The lab simulations will be designed to add a practical approach to the conceptual material covered.

* denotes Physical Science

** denotes Life Science

METEOROLOGY

1 Credit

Grades 11, 12

Prerequisite: One semester of either chemistry or physics

This course will provide students with an introduction to meteorological concepts and the science of weather forecasting. Students will learn about the dynamic activity of the atmosphere which makes weather forecasting a challenging and rewarding endeavor. Students will also learn to apply scientific data to real world situations as they create, modify and critique their weather forecasts in an effort to improve reliability and accuracy. Students will use a variety of forecasting tools ranging from simple surface weather maps to satellite images and computer models.

***EARTH AND SPACE**

1 Credit

Grades 11, 12

Prerequisite: Biology

Students will be able to explore various aspects of Earth and Space study such as geology, meteorology and astronomy. Topics of study may include the following: the history of the universe, humans' use of rocks and minerals as natural resources, the shaping of earth's landscape, volcanoes and earthquakes, weather forecasting, earth's atmospheric properties, our solar system, space travel and characteristics of the universe. Students will also be exposed to career opportunities in this field.

****ECOLOGY**

1 Credit

Grades 11, 12

Prerequisite: Biology

The course starts with basic concepts covering the interactions between biotic and abiotic factors, and provides a general understanding of the environment in which we live. After that we examine the importance of biodiversity, and the significance of it. Two major units that will be covered are soil and aquatics, which involve collecting and analyzing data from the environment. Other areas of focus include populations and biomes.

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** denotes Life Science

South Western High School Science Sequence

The following represent the minimum suggested science courses for the various options

Additional Science Electives are encouraged

	9 TH		10 TH		
College Prep- General Focus	General Science-A	Biology-A	Chemistry-A	Physics-A	
Prerequisite Math			Algebra I	Algebra II	
College Prep- Science/Medicine/ Technology Focus	General Science-H	Chemistry-H and Biology-H	AP Biology and Physics-H	Chem II or AP Physics	
Prerequisite Math	Algebra I	Algebra I	Algebra II	Algebra II	
General Studies	General Science-A	Biology-A	Earth & Space or Ecology	Earth & Space or Ecology	
Prerequisite Math					
Alt College Prep- Liberal Arts Focus	General Science-A	Biology-A	Chemistry-A or Physics-A	Earth & Space or Ecology	
Prerequisite Math			Algebra II		

Double arrows indicate flexible scheduling options; please see the Curriculum Guide for specific prerequisites.

Students may enter the Honors/AP Science program with an A-average in an Academic science and teacher recommendation.
See your science Teacher or Guidance Counselor to determine if Honors/AP Science is right for you.

All students are required to take at least 3 courses in science.

SOCIAL STUDIES DEPARTMENT

AMERICAN CULTURES

1 Credit

Grade 9

This course focuses on the transformation of the United States in the twentieth and twenty-first centuries. Government, the economy, society, culture, technology, environment, diversity, unity, and conflict are explored and synthesized allowing students to link events across time. Relationships with other countries and the impact of those relationships upon the future of the United States as a world power is an important part of the curriculum taught.

AMERICAN CULTURES HONORS

1 Credit

Grade 9

Prerequisite: See Honors criteria

This course focuses on the transformation of America in the twentieth and twenty-first centuries. It is a feeder (background) course for future Advanced Placement courses offered within the South Western Social Studies Program. Our nation's birth and development is chronologically analyzed for significant events and their impact on American society. Critical thinking and advanced writing skills are emphasized and developed in a cooperative learning setting. The curriculum is specially designed to provide a challenging, enriched and advanced student experience.

WORLD CULTURES

1 Credit

Grade 10

Students will be studying the various cultural traits of Europe, the Middle East, Asia, Africa, and Latin America. The course will focus on a general survey of the history of these areas along with their religions, arts, and politics. Attention will be paid to the geography of these regions demonstrating the interrelationship between geography and culture. The goal of this course is to understand the various cultures of the world and how they relate to many aspects of the world today.

WORLD CULTURES HONORS

1 Credit

Grade 10

Prerequisite: See Honors criteria

Honors World Cultures explores and analyzes the culture and history of civilizations beginning with ancient Egypt and Mesopotamia and culminating in modern times. The course is designed to challenge the gifted, high achieving student who wants an enriched and advanced learning experience. Students are encouraged to strive towards higher – level thinking, writing, and reasoning skills. This course will prepare students for the rigors of the junior level Advanced Placement American History course.

ADVANCED PLACEMENT WORLD HISTORY

1 Credit

Grade 10

Prerequisite: See Honors criteria

This course is focused on a study of world history from the beginning of civilization to the modern era. World History AP will be taught from the point of view that every society has played or is playing a role in shaping the events of world history. The course is broken up into a set of time periods with themes that allow the students to compartmentalize the tremendous amount of history that will be covered. Grades for the class may be comprised of tests, quizzes, primary source writings, thematic essays, document-based questions and research projects.

INTRODUCTION TO AMERICAN GOVERNMENT AND POLITICS

1 Credit

Grade 11

This purpose of this course is to prepare students to participate in exercising their political responsibilities as thoughtful and informed citizens. The course will focus on the origins, development, structure, and functions of government in the United States of America. Topics of study include the constitutional framework, federalism, the three branches of government and the federal bureaucracy, civil rights and liberties, political participation, and the political behavior of the American public. While the main focus of the course is on the federal government, additional attention is paid to state and local governments in Pennsylvania. Primary and secondary source documents will be used to reinforce the concepts presented in this course.

ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS 1 Credit
Grades 11, 12

Prerequisite: Successful completion of Honors criteria.

This college level course in United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. The government portion of the course is a more advanced study of the U.S. Constitution, the Bill of Rights, and the organization and activities of our Federal Government. Students will become acquainted with a variety of theoretical perspectives and explanations for various behaviors and outcomes through the political sections of the course that deal with political beliefs, behaviors, and the formation of public policy. Students will be assessed through debates, presentations, primary source analysis, exams, and free response questions all designed to evaluate their depth of knowledge.

PROBLEMS AND ISSUES IN POLITICS & ECONOMICS 1 Credit
Grade 12

This course is designed to have students develop their abilities as citizens to explore, discuss, and make informed decisions related to local, state, national, and international issues. Students will receive instruction related to core political and economic concepts that will enable them to better understand our political and economic systems as well as important issues of our times.

ADVANCED PLACEMENT AMERICAN HISTORY I (FALL SEMESTER) 1 Credit
Grade 12

Prerequisite: See Honors Criteria

The Advanced Placement Program in American History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory college courses. *Students will be strongly encouraged to continue their preparation for the American History AP Exam by enrolling in the Advanced Placement American History II course.

ADVANCED PLACEMENT AMERICAN HISTORY II (SPRING SEMESTER) 1 Credit
Grade 12

Prerequisite: Successful completion of AP American History I

This course is designed as a continuation of the college level course material covered in Advanced Placement American History I. The course enables students to successfully prepare themselves to take the American History AP Exam. All students taking this course will be strongly encouraged to take the AP Exam in the spring.

ADVANCED PLACEMENT PSYCHOLOGY 1 Credit
Grade 12

Advanced Placement Psychology is a college-level course that is designed to introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students are exposed to the psychological fact, principles, and phenomena associated with each of the major subfields within psychology. They also learn about ethics and methods psychologists use in their science and practice.

PSYCHOLOGY – Elective Course 1 Credit
Grades 11, 12

This course offers a broad introduction to social psychology, the scientific study of human social influence and interaction. We will explore various ways people think about, affect, and relate to one another. The course will cover topics such as the social self-concept, social judgment, attitudes, conformity, aggression, helping behavior, prejudice, and interpersonal relationships. This course will also include important concepts in psychology with traditional theories and modern developments.

TECHNOLOGY EDUCATION DEPARTMENT

POWER TECHNOLOGY

1 Credit

Grades 9, 10, 11, 12

Power Technology is the study of energy and power related systems. This course is divided into the study of energy and energy sources, electronic systems, commercial electrical systems, transportation systems, mechanical systems, and other industrial power related systems. Each of these areas will be investigated through theoretical study, experimentation and practical projects. Students will be required to pay a \$10 lab fee to cover the costs of consumable materials used for projects designed, constructed and tested in class. In addition, students will be required to cover costs for any *individual* projects constructed in class to take home.

PRACTICAL ELECTRONICS

1 Credit

Grades 9, 10, 11, 12

Prerequisite: Successful completion of Algebra I

Practical Electronics is designed to familiarize students with the basic concepts and components of electronic circuitry and equipment. This is accomplished through theoretical study of electricity and completion of practical labs. Throughout the duration of the class, students will learn the proper use of electronic test equipment, how to read and analyze electrical diagrams, and perform selected experiments related to the lessons presented in class. No initial lab fee is required, but students will be required to cover costs associated with any individual projects completed in class to take home.

METAL TECHNOLOGY

1 Credit

Grades 9, 10, 11, 12

No prerequisite required

This course is open to any student with no previous high school metal working experience. Students enrolled in the course work in areas of foundry, machine shop, welding, and sheet metal. During the course, students will be involved in producing their own required projects as well as participating in a mass production project exercise. Costs for the individual projects are covered by the students. Costs for the mass production project are paid for by the sale of the project.

WELDING APPLICATIONS

1 Credit

Grades 11, 12

No prerequisite required

This course is designed for students interested in a welding career. Welding applications is intended to introduce students to the most common welding applications and theory found in industry. The course will include: Basic Shop Safety, Shielded Metal Arc Welding (SMAW), Oxygen-Acetylene Welding (OAW), Oxyfuel Cutting (OFC), Plasma Arc Cutting (PAC), Gas Metal Arc Welding (GMAW), Flux Core Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) in all positions or as a needed by participants. All students will be charged a \$25.00 lab fee. ***Juniors and Seniors may elect to take the course for 3 college credits through Harrisburg Area Community College (HACC). Students who elect the course for college credits must do so at the beginning of the semester. If a student elects to take the course for college credits, a cost of \$30.00 per credit will be charged for a total of \$90.00.***

APPLIED MANUFACTURING

.5 Credit

Grades 10, 11, 12

Prerequisite: Either one of the following with a “B” or better in the course: Wood 1, Metal Tech, Welding Applications, Intro to Manufacturing.

This course exposes the student to engineering and manufacturing principles that will be applied from concept to finished product. The class will work with a local manufacture as a sponsor to product a student designed product. The company sponsor logo and or type of manufacturing needs to be incorporated back into the final product. Finances for the project will be secured through the participating company sponsorship. Students may be needed to pick up the materials as needed. In addition to manufacturing the product, students will be required to participate in field trips, group portfolios, and a class presentation at the manufactures meeting. Class size is limited to a maximum of fourteen students. This course will wrap with Health and Physical Education.

WOOD AND MANUFACTURING I

1 Credit

Grades 9, 10, 11, 12

This course is designed to develop a working knowledge of safe, efficient and productive operations in a wood lab setting. Activities include all phases of basic wood project construction. Critical thinking attention to detail and ability to follow directions will also be components of this class. Students will incur a fee for materials used in the course.

WOOD AND MANUFACTURING II

1 Credit

Grades 10, 11, 12

Prerequisite: Successful completion of Wood I. For students wishing to enroll in Wood 2, it is highly recommended the student earn a C or better in the first level course.

This course is designed to provide the student with an in-depth working knowledge of safe, efficient, and productive operations in a wood lab setting. Students will have a variety of experiences in the areas of mass production and independent research and development. This project-based class encourages students to utilize analytical and critical thinking skills to solve problems as they relate to manufacturing. Students will incur a fee for materials used in this course.

DIGITAL MEDIA I

1 Credit

Grades 9, 10, 11, 12

This course is an introduction to digital media, including photography, audio, and video technologies. Students will gain hands-on experience with digital cameras, video cameras, and computer software while producing digital media content. Students will be required to purchase glossy photo ink-jet paper, have access to at least a 5 mega pixel digital camera, and pay a \$5.00 lab fee.

DIGITAL MEDIA II

1 Credit

Grades 10, 11, 12

Prerequisite: Successful completion of Digital Media I. It is highly recommended that a grade of C or better was earned.

This course will build on the knowledge gained in Digital Media I. Students will gain hands on experience with professional equipment, techniques and software packages in the fields of photography and video. Students will also be asked to arrive at school by 8:00 am to help produce the Mustang Vision morning announcement program. The curriculum is designed for students to choose an emphasis in either the photography or video fields. The course is designed for students who are highly motivated and are interested in pursuing a career in a photography, video, or communications field.

MECHANICAL DRAWING/COMPUTER AIDED DRAFTING I

1 Credit

Grades 9, 10, 11, 12

This course offers the development of basic mechanical drawing skills and techniques. The instruction gives students an understanding of drawing and layout work often necessary in other industrial art courses in today's industrial society. Students will be introduced to computer aided drafting. The course is recommended for students who are planning any type of engineering, mechanical, or industrial career.

COMPUTER AIDED DRAFTING II

1 Credit

Grades 10, 11, 12

Prerequisite: Successful completion of Mechanical Drawing/CAD I

Mechanical Drawing/CAD II develops the student beyond the fundamentals of Mechanical Drawing/CAD I by working on advanced principles of the first level course. New material will be techniques involved with revolutions, fasteners, CAM drawings, and detail and assembly working drawings. Computer aided drafting will be reinforced with the application of previous course work.

ARCHITECTURAL DRAWING

1 Credit

Grades 10, 11, 12

Prerequisite: Successful completion of Mechanical Drawing I

The students will investigate the techniques for preparing layouts and the development of drawings as they relate to residential dwellings. Computer aided drafting will be used to complete various course material.

APPLIED MANUFACTURING

.5 Credit

Grades 11, 12

Prerequisite: Either one of the following: Metal Tech, Welding Applications, Intro to Manufacturing, Wood II

This course exposes the student to engineering and manufacturing principals that will be applied from concept to finish product. The class will work with a local manufacture and produce a student designed product. This product will be donated back to the company and the second product donated to a local organization or charity. The advisor company (company sponsor) logo and type of manufacturing need to be incorporated into the final product. Materials for the project will be secured through company sponsorship. In addition to manufacturing the product, students will participate in field trips, group portfolio, and class presentation at the manufacturer's meeting in the evening. Labs are an integral part of this course. Class size is limited to two groups of seven for a total of fourteen students.

GRAPHICS I

1 Credit

Grades 9, 10, 11, 12

This course is designed to introduce students to the concepts of Graphic Communications from the creation of ideas to the development of graphic products such as screen printed t-shirts and posters. Students will apply fundamental skills in the areas of technical illustration, computer illustration, desktop publishing, screen-printing, printing press operation, and web portfolios. Students are required to pay a \$10 lab fee.

GRAPHICS II

1 Credit

Grade 10, 11, 12

Prerequisite: Successful completion of Graphics I

Graphics II is a continuation of Graphics I. Emphasis is placed on graphic design, typography, desktop publishing, advanced screen-printing techniques, multi-color offset printing, product packaging, electronic publishing, web page design, and student portfolios. Students are required to pay a \$10 lab fee.

WEB DESIGN AND 3D ANIMATION

1 Credit

Grade 10, 11, 12

This course will guide students through the process of designing, developing, producing, and revising websites. HTML code, web authoring, digital editing, and document exchange file formats and software will be used to provide content rich sites to end users. Current and future trends in the field and the use of the internet and web technologies will also be examined. The 3D Animation portion of the class will provide the basic concepts of character generation and modeling, animation and motion, and computer generated 3D environments using open source software.

PLTW - PRINCIPLES OF ENGINEERING (PLTW - POE) (H)

1 Credit

Grade 9, 10, 11, 12

****This is an honors level course & is designed for students that are looking at going into any type of technical field after high school, not just engineering.**

Principles Of Engineering (POE) is a high school-level survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high tech career POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. Used in combination with a teaming approach, APPB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.

To be successful in POE, students should be concurrently enrolled in college preparatory mathematics and science. Students will employ engineering and scientific concepts in the solution of engineering design problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.

Principles of Engineering is the second of two foundation courses in the Project Lead The Way high school engineering program. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

The course of study includes:

Mechanisms, Statics, Energy Sources, Fluid Power, Energy Applications, Material Testing, Machine Control, Statistics, Material Properties, Kinematics

Check out www.pltw.org for more information on this nationally recognized program.

PLTW - INTRO TO ENGINEERING DESIGN (PLTW - IED) (H)

1 Credit

Grade 9, 10, 11, 12

****This is an honors level course & is designed for students that are looking at going into any type of technical field after high school, not just engineering.**

Introduction to Engineering Design (IED) is a course that is appropriate for students who are interested in design and engineering or another technical career. The major focus of the IED course is to expose students to a design process, professional communication and collaboration methods, design ethics, and technical documentation. IED gives students the opportunity to develop skills in research and analysis, teamwork, technical writing, engineering graphics, and problem solving through activity-, project-, and problem-based (APPB) learning. Used in combination with a teaming approach, APPB-learning challenges students to continually hone their interpersonal skills and creative abilities while applying math, science, and technical knowledge learned in other courses to solve engineering design problems and communicate their solutions. IED also allows students to develop strategies to enable and direct their own learning, an ultimate goal of education.

No previous knowledge is assumed, but students should be concurrently enrolled in college preparatory mathematics and science courses in order to facilitate the use and understanding of appropriate math and science concepts necessary for the successful completion of IED coursework. In addition, students will use industry standard 3D solid modeling software to facilitate the design and documentation of their solutions to design problems and challenges. As the course progresses and the complexity of the design problems increase students will learn more advanced computer modeling skills as they become more independent in their learning, more professional in their collaboration and communication, and more experienced in problem solving.

Introduction to Engineering Design is one of the foundation courses in the Project Lead The Way high school pre-engineering program. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

The course of study includes:

Design Process, Reverse Engineering, Technical Sketching and Drawing, Product Design, Engineering Documentation and Drawing Standards, Engineering Ethics, Measurement and Statistical Analysis, Virtual Design Teams, Presentation Design & Delivery, Applied Geometry, 3D CAD Solid Modeling

Check out www.pltw.org for more information on this nationally recognized program.

WORLD LANGUAGE DEPARTMENT

Most colleges require at least two consecutive years of a world language and some require more. All world language courses must be taken in numerical order. The successful completion of the prior course is a prerequisite for taking the next course in sequence. It is required that students enrolling in subsequent courses have earned a 70% or higher in the prior course. Honors credit is awarded for levels 4 and 5 in the world language curriculum.

FRENCH I Grades 9, 10, 11, 12

1 Credit

Students are taught to speak, comprehend, read and write the French language on an elementary level. The students acquire basic thematic and idiomatic vocabulary, rules of pronunciation and grammar which they expand upon each subsequent year. Primary emphasis is on speaking and oral comprehension. The culture and geography of French-speaking regions will also be introduced along with a special unit on Paris.

FRENCH II Grades 9, 10, 11, 12

1 Credit

French II reviews extensively and expands the core concepts introduced in French I. The course is designed to meet the students' ability to read, understand, speak and write the French language. Primary emphasis will be placed on thematic vocabulary and essential grammar (verb tenses). In addition to studying the cuisine of French-speaking areas of the world, students will translate and create their own menus.

FRENCH III Grades 10, 11, 12

1 Credit

The primary focus of French III is the in-depth study of essential verb tenses and idioms that are not covered in French I and II. In addition to the important grammar, vocabulary will be reviewed and expanded to improve the students' speaking ability, especially vocabulary necessary for traveling. French art (Impressions and Post Impressionists) is also covered as part of this course.

FRENCH IV HONORS Grades 10, 11, 12

1 Credit

French IV provides an opportunity for the review and refinement of skills learned in previous courses with much attention devoted to grammar, speaking skills, literature, history and the arts.

GERMAN I
Grades 9, 10, 11, 12

1 Credit

German I is an introductory course which emphasizes the development of basic vocabulary, grammar, pronunciation and the grasping of idioms of the German language. In addition to pronunciation, special attention is given to listening, speaking, understanding, reading, and writing. Introduction to the culture and geography of the German-speaking countries is also stressed.

GERMAN II
Grades 9, 10, 11, 12

1 Credit

German II is a continuation of German I and is designed to develop the ability to read, understand, speak and write German. Primary emphasis will be on vocabulary, pronunciation and grammar. History, geography, and the culture of the German-speaking countries continue to be developed.

GERMAN III
Grades 10, 11, 12

1 Credit

The primary emphasis in German III is the in-depth study of essential verb tenses and idioms that are not covered in German I and II. Vocabulary will be reviewed and expanded to improve the student's speaking ability. An introduction to German literature is stressed.

GERMAN IV HONORS
Grades 10, 11, 12

1 Credit

German IV reviews the basic skills learned in the previous year, and further develops oral comprehension, grammar and writing. Emphasis is placed on literature, music, art, history, and the further development of speaking skills. An in-depth study of German idioms is also introduced during this course.

LATIN I
Grades 9, 10, 11, 12

1 Credit

In this course, instruction emphasizes the Latin language, the foundation of all the Romance languages. The course includes an introduction to the language, grammar, literature, culture, and mythology of the ancient Romans as it pertains to the development of our English language. Finally, the study offers word derivation exercises to benefit students with the verbal section of the SATs and an introduction to medical terminology based on Latin and Greek.

LATIN II
Grades 9, 10, 11, 12

1 Credit

This course builds upon the foundations that were established in Latin I, with greater emphasis being placed upon the vocabulary, literature, and grammar of the Latin language. Further studies of Roman culture and history is conducted alongside mythological heroes and stories. Development of English vocabulary is continued and strengthened along with continued study of medical terminology based on Latin and Greek.

LATIN III

1 Credit

Grades 10, 11, 12

Latin III consists of extensive review of the previous two courses and an in-depth look at intermediate and advanced Latin grammar, translation, and comprehension. Students will also gain a deeper understanding of the first Roman emperors, such as Julius Caesar and Augustus, through the reading of the author Suetonius. Greek and Roman mythology is reviewed along with an examination of the mythologies of other cultures. Finally, students will continue to strengthen their English vocabulary by examining Latin and Greek derivatives.

LATIN IV HONORS

1 Credit

Grades 10, 11, 12

Latin IV consists of a comprehensive review of the previous levels and an introduction to advanced Latin grammar and syntax. Students will begin to read and translate authentic texts and excerpts of famous Roman authors, such as Julius Caesar's *De Bello Gallico*. In addition to grammar, cultural topics will include the fall of the Roman Empire, Greek philosophy, and a comparison of Greek and Roman mythology to the mythic traditions of other cultures. Finally, students will continue strengthening their English vocabulary with additional practice of Latin and Greek in the medical and legal fields.

SPANISH I

1 Credit

Grades 9, 10, 11, 12

This course is designed to help beginning students attain proficiency in the four skills of listening, speaking, reading, and writing. The students acquire a foundation for effective communication by developing the necessary vocabulary and structure in order to use the language in a personalized manner. Students will survey the Spanish-speaking world in a cultural context.

SPANISH II

1 Credit

Grades 9, 10, 11, 12

In Spanish II students continue to develop the skills required to effectively use language in a variety of situations. The emphasis is on communication with vocabulary and structure taught in a meaningful context. Pair and group activities provide students the opportunity to use language in a personalized and creative manner. The presentation of authentic material fosters the use of Spanish in a culturally appropriate manner.

SPANISH III

1 Credit

Grades 10, 11, 12

In Spanish III students will be introduced to the study of literature and culture of Spanish-speaking countries. The language skills are stressed through reading, speaking, and writing.

SPANISH IV HONORS

1 Credit

Grades 10, 11, 12

Spanish IV reviews language skills learned in the previous years and further develops oral comprehension and speaking. The indicative and subjunctive moods will be stressed. Emphasis is placed on the study of Spanish literature and art.

SPANISH V HONORS

1 Credit

Grades 11, 12

Spanish V reviews all of the indicative and subjunctive tenses. Spanish and Latin American literature, poetry and art will be explored through intense discussion in the target language.

South Western School District World Language Curriculum

The World Language Department of the South Western School District strives to inspire a lifelong enthusiasm for foreign language study, travel, and global citizenship. Instruction and curriculum are designed around the five core goals of the National Standards for Foreign Language learning as recommended by the American Council of Teachers of Foreign Language (ACTFL): communication, cultures, connections, comparisons, and communities.

World language instruction begins at the middle school level with exploratory classes in each of the four languages offered at the high school level: French, Spanish, Latin, and German. The purpose of these classes is to introduce students to the process of second language acquisition and to help develop cultural awareness. At the high school level, the world language curriculum integrates the interpersonal, interpretive and presentational modes of communication through listening, speaking, reading and writing to foster cultural awareness. Since these language processes are integrated rather than isolated, the foreign language program fosters the idea that the entire communication process should be utilized and developed. Students develop and improve proficiency through a wide range of learning activities enabling them to interact with native speakers of the language in a culturally appropriate way.

The scope and sequence of world language instruction follows a progression from the concrete to the abstract. In the beginning levels, students will be able to discuss their every day lives in themes and topics to promote essential understandings. At the advanced levels, students will be able to participate in a more complex study of the humanities.

Language and communication are essential life skills. The world that our students will encounter as adults is vastly different from the one we know today. Telecommunications will make the ability to communicate in more than one language a necessity for all future employees. Therefore, it is important to prepare our students for this multicultural environment by ensuring that they are able to function using another language.



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SOUTH WESTERN HIGH SCHOOL GRADUATION PROJECT

The high school graduation project is a state-mandated element of a student's high school education. It is an independent learning experience in which students choose a topic of interest to them.

According to the PA Department of Education, "The purpose of the culminating project is to assure that students are able to apply, analyze, synthesize and evaluate information and communicate significant knowledge and understanding." Title 22 (4.24) of the Pennsylvania State Board of Education Chapter 4 Curriculum.

Completion of the graduation project **is a requirement for graduation.**

While the project is primarily an independent study project, every student is assigned an advisor to disseminate and collect information.

Please see the Comprehensive Overview which follows, for specific requirements for each grade level and due dates for each activity.

More specific information and forms can be found on the district website www.swsd.k12.pa.us. Go to the high school webpage and click Guidance and Graduation Project.

GRADUATION PROJECT COMPREHENSIVE OVERVIEW

GRADE 9 & GRADE 10

Nothing required, but students should be thinking about locations for shadowing and community service. Hours for either shadowing or community service may be completed during grades 9 and 10. Make sure documentation is completed.

GRADE 11

Career Research	Completed by April of Junior Year
Shadowing Time Requirements	15 hours
Shadowing Log	
Personal Reaction Page	
Shadowing Interview Sheet	

OR

Community Service	Completed by April of Junior Year
Volunteer Time Requirement	15 hours
Volunteer Hours Log	
Personal Reaction Page	

Presentation must include a visual component & April/May Meeting
1 page reflection Shadowing/community service

GRADE 12

Complete Job Application & Resume	September/October
(will bring to interview) Mock Interview	

KEYSTONE ASSESSMENT EXAM

The Keystone Assessments are required for graduation beginning with the class of 2017. The assessments will be administered twice a year. Students will need to score proficient or advanced on the Algebra I, Biology, & Literature exams. All students, regardless of graduation year, who do not achieve proficient or advanced, will be required to enroll in remediation sessions and retake the Keystone Exam until the proficiency level is achieved. Listed below are two links and information that will help parents and students learn more about the Keystone Assessments:

- Keystone Exam Information for Parents/Guardians (Aug 2012) - http://static.pdesas.org/Content/Documents?information_for_Parents_or_Guardians_PA_Keystone_Exams_Aug2012_final.pdf.
- Keystone Exam General Information - <http://www.pdesas.org/module/assessment/Keystone.aspx>

COURSE REPEAT POLICY

1. Students who receive an “F” or “D” in a course will be permitted to repeat the course. Students who receive a “C”, “B”, or “A” in a course will not be permitted to repeat the course.
2. Students who receive an “F” in a course will receive the credit and grade for the course that they repeat.
3. Students who receive a “D” in a course will not receive an additional credit, but they will receive the highest grade achieved for the course for purposes of GPA, provided that the course is taken at the same level (Ex. Academic Level).
4. All courses taken will be recorded on a student’s academic transcript.
5. **Seniors** may repeat a failed course in the same year provided the courses are not closed.

INDEPENDENT STUDY PROGRAM

The Independent Study Program is designed for students who have demonstrated a high degree of motivation, the ability to work independently and who have an interest in furthering their knowledge in a specific area.

Independent Study will be offered on a semester basis.

To enroll in the independent study program, a student must submit an Application for Independent Study which may be secured from a guidance counselor. The application must be accompanied by an Independent Study Proposal, prepared by the student and teacher, which states the topic or problem to be studied, and the method or methods to be used to determine a course grade.

Applications and proposals for independent study must be submitted to the Guidance Department for final approval.

Students enrolled in independent study will be required to schedule a minimum of one period per week for an individual conference with the faculty sponsor. Additional conferences and seminars with other students may be scheduled at the discretion of the teacher-sponsor.

EARLY GRADUATION

(SENIORS ONLY)

Early graduation is an option for a limited number of students who, at the end of their junior year, have a need to finish high school in January rather than June. The January graduate will be allowed to participate in all school functions until formal graduation exercises. **January graduates are not permitted to participate in spring interscholastic athletic programs.** There are several criteria that must be met in order to qualify for early graduation.

1. Students must have been in attendance at least 90% of their junior year and attended 90% of the first semester of their senior year.
2. Students must obtain 24 credits by the end of the junior year.
3. Students must successfully complete all graduation requirements during the first semester of their senior year.
4. College courses are not added into the student's high school G.P.A.
5. Students who fail to meet the attendance requirement in the first semester of his/her senior year will be removed from the program and will be required to attend school through the second semester.
6. Students **must** have grad project completed at end of junior year.
7. Students **must** have successfully completed all graduation project requirements during their junior year to participate in Early Graduation.

“STEP AHEAD” Career Preparation Work/Study Program

(FORMERLY KNOWN AS DIVERSIFIED OCCUPATION)

STEP AHEAD CAREER PREPARATION WORK/STUDY PROGRAM

3 or 4 Credits

Grade 12

Prerequisite: To be eligible, students must have earned 22 credits by the end of their junior year.

The STEP AHEAD Career Preparation Work/Study Program is offered for senior students interested in exploring career options and gaining valuable on-the-job training during their senior year. It includes a broad range of jobs that enable the student to relate education to actual employment situations, placing them in STEP AHEAD of their peers! The program requires a theory class to help students understand work-related issues and the skills needed for success in the workplace. Units covered in the theory course include: Career development, job acquisition and retention, elements of career success, money management, health and safety in the workplace. Students in the program can expect to be out of school for job training a portion of the day. Special attendance and credit regulations are required to qualify and remain in the program. Both successful theory course completion and satisfactory job performance are required in order to obtain credit. Successful completion of the Your Employability Skills (Y.E.S.) theory course curriculum, and meeting attendance requirements, will allow students to receive Y.E.S. certification.

1. Students must have a minimum of 22 credits at the end of their junior year.
2. Students must have had no more than 10 days of absence and no excessive tardies in their junior year.
3. Students must maintain satisfactory school attendance during the senior year. After the fifth (5) day of absence, a parent-student-teacher conference will be held. After ten (10) days of absence, the student will be required to submit a doctor's excuse for each subsequent absence, and can be removed from the program.
4. Students must have a realistic work goal.
5. Students must be employed a minimum of 15 hours per week in a school-approved job (12 hours Monday through Friday).
6. Students can find their own job, or obtain assistance from the STEP AHEAD coordinator to find a job.
7. After 10 school days without a job, the student will be removed from the STEP AHEAD program.
8. The student must have a job that pays a wage and is covered by Worker's Compensation.
9. The job must comply with the Child Labor law.
10. The program is a total of 3 or 4 credits: (2 or 3*) job and (1) theory class. In order to receive any credit, the theory course must be passed and job evaluations must be satisfactory.
11. In order to maintain communication during the Spring semester, all STEP AHEAD students are required to attend weekly "Workplace Wednesday" meetings before the start of the school day.

**2 credits for students working between 15 and 23 hours per week*

**3 credits for students working 24 hours or more per week*

TEACHER AIDE PROGRAM

TEACHER AIDE PROGRAM

2 or 4 Credits

Grade 12

Prerequisite: Senior status and should have a desire to instruct students at the Kindergarten level and have successfully presented the graduation project.

Seniors from the high school will act as aides in our Kindergarten classrooms. Credit will be given and a grade provided based on actual observed classroom performance and successful completion on in-service instruction provided periodically on child development. Aides will spend one-half of each school day at assigned elementary schools. Aides must provide their own transportation in order to participate in this program.

1. Students must be a senior, with 21 credits, in good standing for graduation.
2. Students must maintain a satisfactory attendance record. Excessive absence is considered 3 days per marking period.
3. Students must have an expressed vocational interest in working with children in education or other related fields.
4. Candidates must be screened by the Guidance Department for acceptability and evaluation of credits.
5. Recommendation of Guidance Department and/or high school administration must be received prior to acceptance.
6. Interview and acceptance of the aide by the elementary school administration and the elementary school teacher must precede admission.
7. Parent-signed permission form is the final requirement for admission.
8. The Teacher Aide Program can be either a 2 credit program if a student participates for one semester, or four credit program if a student participates for 2 semesters.

ACADEMIC SHADOWING PROGRAM

1. The student must be a senior planning to pursue a career in the intended area in which the student plans to shadow.
2. The student will participate in the shadowing program Monday through Friday during the class period assigned for shadowing. Any changes to this schedule would need administrative approval.
3. This program is designed for career exploration and will not involve paid positions.
4. The student will be evaluated by the shadowing host and the school district during each marking period of the shadowing experience. A part of the evaluation will be based upon a **daily log** which is to be kept by the student.
5. Student will maintain a full schedule of four credits per semester.
6. The student will be assigned to the shadowing program on a semester basis.
7. The student must provide his/her own transportation to and from the shadowing location.
8. The individual/firm to be shadowed will not be responsible for any personal injuries and/or property damage sustained or incurred while the student is engaged in the shadowing program.
9. The student will be assigned a grade of O, S, or U.
10. Excessive absences and tardies could hinder a student's ability to participate in Academic Shadowing

INTRODUCTION TO MANUFACTURING

INTRODUCTION TO MANUFACTURING
Grade 12

1 or 2 Credits

In order to be enrolled in this course, students must have earned a minimum of 22 credits at the end of the junior year. They must also have had not more than 10 days of absence in their junior year. This program offers high school seniors the opportunity to take a course in which they will learn about the various aspects of today's manufacturing environment. Participating manufacturers provide an onsite meeting location for the students, a tour of the facility and speakers to discuss their jobs. The functions of various management and operational areas of manufacturing will be presented. The role of management, sales, operations, finance, the impact of the production worker on the success of the company, and significance of the continuous improvement of workers will be covered. Necessary skill areas such as blueprint reading, math measurement, and communications will be presented. Over the next several years, there will be a critical need for workers in the manufacturing sector of our economy. This course will provide students with an excellent opportunity to explore a rewarding career in manufacturing. Students may take the course for 1 credit in the fall semester and follow this up with 1 credit of work experience in the Spring.

CHILD DEVELOPMENT ASSOCIATE PREP PROGRAM

CDA PREP (Child Development Associate)
Grade 12

4 Credits

Field Experience & Classroom Theory

Prerequisite: Child Development & Pre School Lab *and teacher recommendation*

Through classroom theory and a child care center field experience, the CDA Prep course is designed for students with an interest in career opportunities in public child care or opening a day care facility. The course exposes students to responsibilities involved in early child day care while preparing for the CDA (Child Development Associate) exam. Upon course completion and development of a competency portfolio students can apply to obtain a nationally recognized CDA certificate to secure employment in child care fields. Students completing the course will have earned a CDA Test Ready Certificate and verification of hours working in a certified child care center. Students will be placed in a center in the community, in both fall and spring semesters during the 1st & 2nd block. In addition to the field experience, students will be required to complete a one semester CDA theory study course.

NURSE AIDE TRAINING

Nurse Aide Training

1 credit

(Non-college credit, approved by the PA Department of Education)

Grade 12

The purpose of this 120 hour course is to provide the long term care nurse aide trainee with a basic level of knowledge and skills needed to care for an elderly resident/client as set forth by the profession of nursing and regulated by the Commonwealth of Pennsylvania. The course content includes: Nursing Theory, Safety, communication, Individuality, Infection Control, Privacy, ACT 14-Abuse, Vital Signs-T.P.R./B.P., Restorative Care, Activities of Daily Living, Personal Hygiene, Sub-Acute Care, Psychosocial, Demential, Death & Dying, First Aid, Changes of Body, Body Functions, NA Role, Employability Skills, and Resident Rights. Student is responsible for tuition and transportation to the class which is held at Homewood.

ENGLISH AS A SECOND LANGUAGE (ESL) SERVICES

The South Western School District provides adapted instruction for those students whose native language is not English and, as a result, are in need of curricular assistance. ESL students' schedules are individually designed to suit the evolving needs of each student. Students should consult their guidance counselor in order to develop an appropriate academic schedule.




MENTORING PROGRAMS

South Western students have the opportunity to participate in several programs to assist them with career exploration. YCAL the York Alliance for Learning operates several after school mentoring programs available to York County high school juniors and seniors. These programs focus on the following career pathways: accounting; architecture, construction, and engineering (ACE) – design; ACE – skilled trades; arts; banking; culinary; entrepreneurship; hospitality and business; human services; information technology; insurance; and law.

Mentoring Programs Available:

Sponsor	Program Name	Description
	Accounting	In this program you will learn how accounting is an everyday business necessity and how different businesses use the art of accounting.
	Agriculture Mentoring	Students will learn about various careers relating to the field of agriculture and agribusiness. This program is coordinated and takes place at the Horn Farm Center.
	Architecture, Construction and Engineering (ACE) - Design	This program provides career direction for students in the areas of civil, structural, mechanical, electrical, and architectural engineering. You will tour businesses and work in groups to design a fun culminating project.
	Architecture, Construction and Engineering (ACE) - Skilled Trades	This hands-on mentoring program is for students interested in skilled trades, including Plumbing, Carpentry, Masonry/Concrete Design, Electrical, Mechanical Engineering, Steel, Site Works/Excavation, and Masonry.
	Arts	Do you have a passion for art? Then this program is for you! This program has been developed to inspire, inform and prepare you for displaying, networking, marketing, and selling your artwork.
	Creative Careers: Your Future by Design	Creativity, imagination and problem solving are crucial 21st century skills needed in the knowledge-based economy. Students will learn Design Thinking as an approach to addressing challenges in a thoughtful and fun way modeled on Stanford University d. School methodology. YorkArts' Creative Careers program seeks to better prepare the next generation of thought leaders, innovators and workforce of our community. Note: This course is not just for artists...it is for people who like art, the creative process AND students with interests and career goals that may go beyond the art world.

	Culinary	Do you have a passion for food? Do you dream of becoming a chef? Learn the basics of Culinary Arts. You will work individually and in groups to learn different techniques used in professional kitchens today.
	Entrepreneurship	Are you interested in starting your own business someday? If so, this is the program for you! Join other students from York County for challenging informational sessions from which you will form teams to prepare for a business plan competition.
	Financial Services	This program is designed to introduce you to the world of banking in a fun, upbeat learning way. You will interact with local bankers and work in groups as you learn more about banking.
	Health Care Management	Future Community Health Care Leaders will be introduced to emerging changes in Health Care from new technologies to the concept of “population health”. Individual sessions will focus on care coordination across the entire healthcare delivery system and in the community while using information and medical technologies to enhance care.
	Hospitality & Business	This program will provide you with a fun, hands-on learning approach in hotels, restaurants, catering, golf courses, snow tubing, marketing efforts, and a behind the scenes look at Heritage Hills. A great opportunity for all students!
	Human Services	Gain insight into human service career, get a clearer picture of the struggles facing many community members, find out more about services available to residents in York County, and learn about the Human Services Division.
	Information Technology	This program will inform and educate you on Information Technology (IT) careers. Each session will involve a different aspect of the computing field and will feature a short demonstration and hands-on portion.
	Insurance	This interactive program will open your eyes to the insurance industry. Careers in insurance include: Underwriting, Claims, Customer Service, Sales, Risk Management, Actuarial Science, Accounting/Finance, and many more.
	Law	Do you want to be a lawyer? Then do not miss this opportunity! This program will allow you to learn more about the practice of law, including estate law, business law, real estate closings, and more.

	<p>Law Enforcement</p>	<p>Students in grades 9-12 may participate in the Hanover Area Police Mentoring Program. Students in this program meet 2 times a month at South Western High School during the regular school day. Officer John Carbaugh from Penn Township Police Department is the coordinator of this program.</p>
	<p>Manufacturing</p>	<p>Do you enjoy putting projects together? If so this program is for you! You will be able to see how items start out in raw materials and are manufactured into something we use everyday. This program will cover purchasing, engineering, quality, safety and other exciting topics.</p>
	<p>Medical Assisting Mentoring</p>	<p>This program coordinated through Consolidated School of Business will provide students with an overview of the Medical Assisting Field. Students will learn about phlebotomy, taking blood pressure and vitals, first aid and the use of the chemistry lab. Field trips to medical facilities will also be a part of the program.</p>

For additional information go to the YCAL website www.ycal.us or see Mrs. Dennis in the Career Center.

YORK COUNTY SCHOOL OF TECHNOLOGY

2179 South Queen Street
York, PA 17402

www.ycstech.org
(717) 741-0820

Your Technical High School in York County Serving...

- Any student who resides in the fourteen school districts of York County
- Any student who will be or has been promoted to grade 9 or 10
- Any student who has passed all major courses (Math, English, Science, Social Studies)
- Any student wishing to attend a technical school and have the opportunity for a fresh start
- Any student wishing to receive training in careers that make up 65% of the workforce
- Any student looking for great opportunities to pursue 2 or 4 year post-secondary education

Mission Statement – York County School of Technology is dedicated to providing a quality, comprehensive program integrating cutting edge technical training with a strong academic education emphasizing critical thinking, problem-solving, decision-making and team-building skills.

The Career Academy Model – The Career Academy model is a delivery system that provides technical preparation by grouping several occupational training programs under one large occupational umbrella. The Career Academy is comprised of both technical and academic teachers. This “school within a school” environment provides the opportunity for the Academy team to structure their educational delivery so that teachers can build a greater rapport with students. New 9th and 10th grade students enrolled in the Engineering/Construction and Manufacturing/Transportation Career Academies enter the Academy “rotation” where they have the opportunity to experience several programs and ultimately select a major best suited to his or her interests and abilities.

POST-SECONDARY PLANNING TIMELINE

Grade 9

- **Planning for College Workshop** (generally held in early November each year) – This timely and informative workshop offers parents an introduction to post-secondary information including financial aid, testing, course selection, and the college admission’s process.
- **Visit post secondary institutions** – Any opportunity you have grades 9–12.
- **Shadow** – Someone in a career area of interest grades 9–12. See Mrs. Dennis in the Career Center for assistance.
- **Career Cruising** – Use this computerized career exploration program to help you determine possible career areas to pursue. Begin with the Career Matchmaker Interest Inventory. www.careerenvision.com. Log in information can be found on the guidance blog (grades 9–12).

Grade 10

- **PSAT/NMSQT** (offered 2nd Wednesday of October each year) – This is a practice test replicating the material on the SAT. Students considering post-secondary education should take this test in grade 10 AND 11. Sign up in the guidance office in September.
- **Advanced Placement Exams** (offered in early May each year) – Students enrolled in Advanced Placement (AP) courses have the option to take corresponding exams. This unique opportunity allows students to earn college credit and advanced placement before college and at a reduced cost.

Grade 11

- **Hanover Rotary College Fair** – This college fair is held each September and is generously sponsored by Hanover Rotary Club. The fair is held in conjunction with New Oxford HS, Hanover HS, Delone Catholic HS, and South Western. The location rotates yearly.
- **PSAT/NMSQT** (offered 2nd Wednesday of October each year) – This is a practice test replicating the material on the SAT. Students considering post-secondary education should take this test in grade 10 AND 11. Sign up in the guidance office in September.
- **SAT Exam** – Administered at South Western High School every October, November, and June. Eleventh graders should take the SAT in June and then again in October of the senior year, if desired. Other local schools also offer the SAT in December, January, March and May. Some students find it helpful to take the SAT exam two to three times. In this case, students should speak to their counselor to determine an appropriate testing schedule. Test registration materials and additional information are available at www.collegeboard.com. Students should register for exams at least one month in advance of the test date.

- **Junior Senior Parent Forum** (held in mid-April each year) – This is a program in which a panel of current senior parents speak to junior parents about the college admissions process. Topics include: financial aid, applying to colleges, scholarships, and other practical advice from “parent to parent.”
- **Advanced Placement Exams** (offered in early May each year) – Students enrolled in Advanced Placement (AP) courses have the option to take corresponding exams. This unique opportunity allows students to earn college credit and advanced placement before college and at a reduced cost.
- **ASVAB/Armed Services Vocational Aptitude Battery** – Typically administered in December each year. Scores are used to determine the best job for a military enlistee.
- **YCAL Mentoring Programs** (Grades 11 & 12) participate in one or more of these after school – Career Exploration programs in 18 different career areas. visit www.ycal.us for additional information.

Grade 12

- **SAT Exam** – Administered at South Western High School every October, November, and June. Eleventh graders should take the SAT in June and then again in October of the senior year, if desired. Other local schools also offer the SAT in December, January, March and May. Test registration materials and additional information are available at www.collegeboard.com. Students should register for exams at least one month in advance of the test date.
- **Hanover Rotary College Fair** – This college fair is held each September and is generously sponsored by Hanover Rotary Club. The fair is held in conjunction with New Oxford HS, Hanover HS, Delone Catholic HS, and South Western. The location rotates yearly. Generally over 50 institutions attend.
- **ASVAB/Armed Services Vocational Aptitude Battery** – Typically administered in December each year. Scores are used to determine the best job for a military enlistee.
- **Financial Aid Information Night** – Held each December and presented by a representative of a local college/university, this program offers the most up-to-date financial information for high school seniors and their parents.
- **FAFSA Completion Workshop** (Held in January/February each year) – A representative from PHEAA will assist families with the completion of this very important financial aid form.
- **Advanced Placement Exams** (offered in early May each year) – Students enrolled in Advanced Placement (AP) courses have the option to take corresponding exams. This unique opportunity allows students to earn college credit and advanced placement before college and at a reduced cost.
- **Scholarships** – Visit the high school guidance office for copies of scholarships for which you are eligible. Also sign up for notification of scholarship postings on the guidance blog. (see below)

For Additional Information on helpful programs, resources and scholarships be sure to log on to the South Western High School Guidance blog: www.swhsguidancehome.edublogs.org

CLASS OF 2016

WORKSHEET FOR STUDENT COURSE SELECTION

Following is a list of required courses for each grade and their credit value:

9 th	10 th	11 th	12 th
English 9	1 English 10	1 English 11	1 English 12
Found. Of Civics	1 World Cultures	1 Amer. Cultures	1 P.E.
Math	1 Math	1 Math	1 Social Studies
General Science	1 Science	1 Science	1 Math
Fit for Life / Health 9	1 P.E.	.5 P.E. / Health 11	1
	Safety Ed. / First Aid	.5	

The Successful Completion of 28 Credits is Needed for Graduation.

In Addition, All Students Must Successfully Complete a Graduation Project.

Required credits for graduation:

English (each year)	4 courses	Health	1 credit
Math	4 credits	Safety Ed. / First Aid	.5 credit
Social Studies	4 credits	Phys. Ed. (each year)	2 credits
Science	3 courses		

One course in each of the listed areas is required for graduation:

- Fine Arts (All Music and Art courses)
- Practical Arts (All Family and Consumer Science and Technology Education courses)
- Business or Career Education (All Business or Career courses)
- One Physical Science Course and One Life Science Course

* Students must take an English and Phys. Ed. course each year.

* Students must take General Science, Biology, and at least one additional science course.

CLASS OF 2017, 2018, 2019

WORKSHEET FOR STUDENT COURSE SELECTION

Following is a list of required courses for each grade and their credit value:

9 th	10 th	11 th	12 th
English 9	1 English 10	2 English 11	1 English 12
Amer. Cultures	1 World Cultures	1 Civics/Government	1 P.E.
Math	1 Math	1 Math	1 Economics
General Science	1 Science	1 Science	1 Math
Fit for Life / Health 9	1 P.E.	.5 P.E. / Health 11	1
	Safety Ed. / First Aid	.5	

**The Successful Completion of 28 Credits is Needed for Graduation.
All students must successfully pass the English, Alg I & Bio Keystone Exams.**

In Addition, All Students Must Successfully Complete a Graduation Project.

Required credits for graduation:

English (each year)	4 courses	Health	1 credit
Math	4 credits	Safety Ed. / First Aid	.5 credit
Social Studies	4 credits	Phys. Ed. (each year)	2 credits
Science	3 courses		

One course in each of the listed areas is required for graduation:

- Fine Arts (All Music and Art courses)
- Practical Arts (All Family and Consumer Science and Technology Education courses)
- Business or Career Education (All Business or Career courses)
- One Physical Science Course and One Life Science Course

* Students must take an English and Phys. Ed. course each year.

* Students must take General Science, Biology, and at least one additional science course.

Instructions for Online Course Selection 2015-2016

Please use the following instructions to select your courses for next school year. All online course selections must be completed by Thursday, March 5th. If you have any questions or concerns, please contact your counselor.

1. Go to the South Western High School Website: <http://www.swsd.k12.pa.us/swhigh>
2. Click on the Community Portal link on the lower right side of the SWHS Home Page
3. Login to your Community Portal Account with your **Username, Password, and PIN**
 - a. If you have an account, but you have forgotten your password, click on the “Forgot Password” link to have it emailed to you.
 - b. If you have an account, but you have forgotten your username or PIN stop by the Guidance office and we will look up this information for you. **DO NOT** create a new account.
 - c. If you are unsure if you have an account, stop by the Guidance office and we will look for any previous accounts you may have already set up. **DO NOT** create a new account before checking with Guidance.
4. After you have logged into Community Portal, click on the Course Request Form link (found on the left hand side of the screen under “Student Backpack.”)
5. In the drop down menu, choose the course selection form that corresponds to the grade you will be in **NEXT** school year.
6. Click Fill Out Course Selection.
7. When your Selection Form appears, select your courses by clicking in the appropriate boxes. If you make a mistake you can simply deselect the check mark next to the course that you want to delete.
 - a. All students must select one course from each of the **Required** departments.

To view **Electives**, Click on the Expand button to open each section and select the courses of interest.

8. After choosing your required number of credits, you **MUST** select alternate courses in case your first choice is not available. To mark a course as an alternate, mark the box on the far right side of the screen in the column labeled “Alternates.”

Please Note: The Guidance office strongly suggests you choose at least two alternate courses in case your first choice electives are not available.

9. When you have completed your course selection, click on Save Course Requests.
10. After clicking save, you will be taken to a copy of your course requests. Check to make sure all your selections are correct. **Print two copies of the Course Selection Form.**
 - a. You and your parents must sign one copy of the form and **hand it in to your First Period teacher by Friday, March 6th.**
 - b. Keep the second copy of the form for your records.
 - c. Your counselor will schedule an appointment with you during the month of April to review your course selections.

**All online course selections MUST be completed by midnight on Thursday, March 5th.
The online forms will not be available after this time.**

Remember to hand in your signed Course Selection sheet to your First Period teacher by Friday, March 6th.

What’s next? During the month of March you will receive a Guidance pass to meet with your Counselor and individually review your course requests.

Schedule Change Policy

South Western High School's schedule change policy is intended to encourage students (and their families) to carefully consider initial course selections. Thorough consideration should be given to next year's courses BEFORE and DURING the course selection process. Schedules should be thoroughly reviewed once received.

Students will **only** be permitted to change schedules for the following reasons:

- Unbalanced courseload
- Missing course/period
- Courses out of sequence (ex. French 2 before French 1)
- Lack of prerequisite
- Post-secondary requirements (Seniors only)

If, after reviewing your schedule, you require a change for one of the reasons listed above, contact the guidance office immediately. **All changes must be made by August 19, 2015.**

After August 19, 2015:

All schedules are final. Student and/or parent requests for a change will NOT be considered after this time even for the Spring semester. If extenuating circumstances necessitate a schedule change after the first day of the class you must see a counselor immediately. Late changes will require administrative approval and will be VERY rare. Late changes will be considered a "withdrawal" which can have negative consequences for the student.

Add/Drop Request (2015-2016)

Name _____ I.D. #: _____ Grade: _____

Please list the class(es) you want to **DROP**: _____

List the class(es) you want to **ADD** (refer to Compass for course descriptions):

Explain the reason you are requesting this change:

Student signature

Parent signature

Teacher signature (if applicable)

Deadline for all Schedule Changes: August 19, 2015

For Guidance Use Only

Date Completed: _____

Classes Dropped:

Classes Added:

South Western High School 2015 – 2016 Course Selection

Student ID#	Student Name	Grade (2015 – 2016)	Home Phone
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Directions: Circle the number and title of course selections. All students must schedule 8 credits.

ENGLISH

- 100P English 9 Plus (2 credits)
- 101 English 9 Composition
- 102 English 9 H
- 103 English 10 Plus (2 credits)
- 104 English 10 Lit
- 104YR English 10 Lit YR (2 credits)
- 105 English 10 H
- 106 English 11
- 107 English 11 Brit Lit
- 108 English 11 H
- 109 English 12
- 110 Survival of the Fittest
- 111 English 12 AP I
- 112 English 12 AP II
- 117 AP English Lang & Comp
- 119 English 12 Lit Awd Win

WORLD LANGUAGE

- 120 French I
- 121 French II
- 122 French III
- 123 French IV H
- 124 German I
- 125 German II
- 126 German III
- 127 German IV H
- 128 Latin I
- 129 Latin II
- 130 Latin III
- 131 Latin V H
- 133 Spanish I
- 134 Spanish II
- 135 Spanish III
- 136 Spanish IV H
- 137 Spanish V H

SOCIAL STUDIES

- 141 American Cultures 9
- 142 American Cultures 9 H
- 144 World Cultures
- 145 World Cultures H
- 146 Amer. History AP I
- 147 Amer. History AP II
- 148 World History AP
- 150 Psychology (elective)
- 151 Intro to American Gov't (grade 11)
- 153 Prob/Issues in Pol & Econ
- 154 US Gov't/Politics AP
- 156 AP Psychology (1 semester)

SCIENCE

- 160 Gen. Science
- 161 Gen. Science H
- 163 Biology (Sem)
- 163YR Biology YR (2 credits)
- 164 Biology H
- 166 Biology AP I
- 167 Biology AP II
- 168 Ecology
- 169 Physics
- 170 Physics H
- 171 Physics AP (B) I
- 172 Physics AP (B) II
- 173 Chemistry A
- 174 Chemistry H
- 175 Chemistry II H
- 176 Meteorology
- 177 Earth & Space Science
- 179 Bio Keystone Prep*

MATHEMATICS

- 180 Math: Apps & Concepts
- 181 Algebra I (Yrlng)
- 182 Pre-Alg Plus
- 182YR Pre-Alg Plus
- 184 Keystone Algebra II
- 185 Algebra I (Sem)
- 187 Algebra II
- 188 Keystone Math Prep*
- 189 Algebra II H
- 190 Geometry
- 191 AP Statistics (Sem)
- 192 Geometry H
- 194 Pre-Calculus
- 195 Pre-Calculus H
- 196 Calculus AP I
- 197 Calculus AP II
- 198 Calculus (Acad)
- 199 Intro to Comp. Prog. C++
- 200 Prob and Stats

BUSINESS

- 201 Accounting
- 202 Accelerating Accounting
- 203 Accounting II
- 204 Business Essentials
- 206 Welcome To Your World
- 208 Microsoft® Office 2013
- 209 Advanced Microsoft® Office 2013
- 210 Financial Literacy & Career Discovery
- 211 Web Design for E-Business
- 212 Business Management
- 213 Sports/Entert Mktg.
- 214 Life Apps (.5)

FINE ARTS - ART

- 220 Introduction to Art
- 221 Drawing/Painting I
- 222 Sculpture (Art in 3-D)
- 223 Ceramics
- 224 Illustration & Visual Design
- 227 Drawing/Painting II
- 228 Drawing/Painting III
- 229 Non Traditional Media (.5)

PRACTICAL ARTS -

FAMILY AND CONSUMER

SCIENCE

- 240 Clothing & Fabrication
- 241 Fashion & Interior Design
- 242 Child Development
- 242-O Child Development Online
- 243 Pre-School Lab
- 244 F.A.C.S. of Life
- 245 Food Fundamentals
- 246 Culinary Creations
- 247 Successful Living
- 250 Elementary Seminar Lab
- 255 Seminar II - IST

PRACTICAL ARTS -

TECHNOLOGY ED.

- 260 Applied Manufacturing (.5)
- 261 Power Technology
- 262 Pract Electronics I
- 264 Wood I
- 265 Wood II
- 268 Mech. Drawing/CAD I
- 269 Mech. Drawing/CAD II
- 270 Graphics I
- 271 Graphics II
- 272 Architectural Drawing
- 273 Digital Media I
- 274 Digital Media II
- 275 PLTW-Intro to Eng Design (H)
- 276 Web Design & 3D Animation
- 277 Metal Technology
- 278 Welding Applications
- 279 PLTW-Principles of Eng (H)

FINE ARTS - MUSIC

- 280 Music: Instrum/Vocal
- 281 Piano Class I
- 282 Voice Class
- 283 Music Theory I
- 284 Music Theory II
- 285 Piano Class II
- 286 Music Humanities
- 287 World Drumming (.5)

CAREER EDUCATION

(Seniors only)

- 290 STEP AHEAD Career Prep (Theory)
- 291 STEP AHEAD Work Study
- 292 Teacher Aide
- 293 Reaching to Teach
- 296 Intro To Manufacturing
- 297 Intro Manufact/Work
- 298 CDA Prep Field Exp
- 299 Nurses Aide Training (CNA)
- 501 Academic Shadowing
- 990 Early Grad

HEALTH / PHYSICAL ED.

- HE9 Fit. for Life/Health 9
- FS10 PE/First Aid/Safety Ed
- HE11 PE/Health 11
- 312 Anatomy and Physiology
- PE12 PE: Mustang Wellness & Fitness
- HE 11-O PE/Online Health 11

LEARNING SUPPORT / IEP

- 101I English 9 Composition Inclusion
- 104YR-1 English 10 Lit YR Inclusion (2 credits)
- 106I English 11 Inclusion
- 109I English 12 Inclusion
- 141I Am Cult 9 Inclusion
- 144I World Cultures Inclusion
- 151I Intro to Am Gov't I
- 160I Gen Science Inclusion
- 163YRI Biology YR Inclusion (2 credits)
- 177I Earth & Space Sci Inclusion
- 181I Algebra I YR Inclusion
- 182 Pre-Alg Plus (Semester)
- 182YR Pre-Alg Plus (Yr)
- 183 Algebra I Plus (Yr)
- 184I
- 190I Geometry Inclusion
- HE9I Fit for Life/Health 9 Inclusion

List desired alternative electives in the event your first choice is closed:

1. _____
2. _____
3. _____
4. _____

* Administrative placement