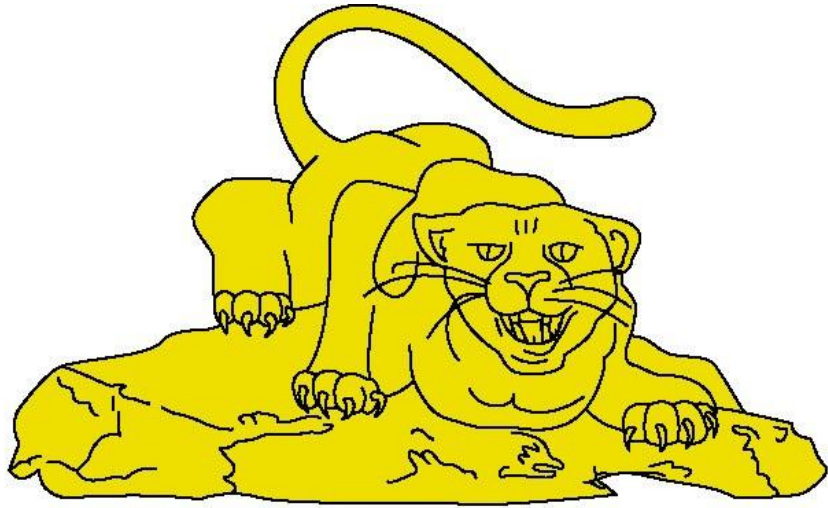


Shade Jr./Sr. High School



Course Selection Manual

2018-2019

GENERAL POLICIES REGARDING SCHEDULING

1. **All students are required to take a full schedule.** Students will have, at most, one study hall per day. *The school counselor and principal reserve the right to schedule students for any class that will eliminate study halls from his/her schedule.*
2. **Courses may be canceled due to insufficient registration.** There should be a minimum of ten students registered to offer a course.
3. Graduation requirements are listed in this bulletin and the student handbook. **It is the student's responsibility to be aware of these requirements.**
4. Students **must return** schedule request forms during the spring in order to reserve the right to request a drop/add in the fall. (Due to circumstance (i.e. numbers) not all drop/add requests may be honored)
5. Please be aware of the districts add/drop policy. **Courses cannot be dropped/added after the first week of the class.** The deadline to drop/add a course will be announced at the beginning of each semester. A student will receive a *Withdraw Failure (WF)* if he/she chooses to drop the course after the drop/add deadline. A *WF* is weighted just as an F would.
6. Students planning to participate in collegiate athletics should make themselves aware of the NCAA Clearinghouse requirements. A copy of these required courses can be obtained in the guidance office or visit www.naaclearinghouse.com.
7. All seniors will be required to take one credit of math or science their senior year.
8. Schedule changes will occur as follows:
 - a. Grades 11 & 12 TBA
 - b. Grades 9 & 10 TBA
 - c. Grades 7 & 8 TBA

SHADE-CENTRAL CITY SCHOOLS GRADUATION PLAN

Holding as fundamental the right of all students to a free, appropriate education, the Shade-Central City School District has adopted the following Graduation Plan.

Students will be required to meet the following three criteria for graduation from the Shade-Central City School District:

1. Obtain a score of **Advanced** or **Proficient** in all three subjects of the Keystone Exams as defined by the Pennsylvania Department of Education. (Algebra I, Literature, and Biology)
2. Completion of 22 credits (grades 9-12) as follows:
 - a. Four English credits
 - b. Three Science credits (Biology must be passed by all students)
 - c. Three Mathematics credits
 - d. Three Social Studies credits
 - e. 1 credit of Physical Education (currently .5 credits per year)
 - f. .5 credits of Health/First Aid
 - g. 7.5 credits of electives
3. Satisfactory completion of a comprehensive/culminating project presented to a panel of evaluators, from within the district, in the spring of a student's senior year.

Students not meeting the aforementioned criteria will be evaluated for graduation candidacy as follows:

- a. Students not scoring at the **Advanced** or **Proficient** level, but meeting criteria 2 & 3 will be evaluated on the Graduation Conversion Chart.
- b. Students not completing 22 credits as listed above will be required to take summer school courses to complete requirements or repeat course work in the following year. Students wishing to complete work next year will be required to take a full day schedule. Students must meet criteria for 1&3.
- c. Students not satisfactorily completing a graduation project will be given the opportunity to remediate their project one time prior to the close of the school year. Students must meet criteria for 1&2.

Students who do not meet criteria 1 (Keystone Exams Advanced or Proficient) but have met all other graduation criteria will be evaluated as follows on the Graduation Conversion Table:

- Students will be assigned a corresponding score for each rubric area as outlined. A sum will be attained and divided by the number of criteria. The resulting score will be the students Conversion Score. Students must score a **2.5** or better to graduate under these criteria.

Students who do not graduate based on the Graduation Conversion Chart will be then required to submit a Self-Submittal Survey to the Shade-Central City School Board for their review and ultimate decision regarding graduation.

Self-Submittal Survey

Student: As the final component of your graduation, you are required to submit a written request to the Shade-Central City School Board. This Self-Submittal should be in letter form and highlight the following:

- ASVAB Scores
- Athletic Involvement (including statistician/manager)
- Student Activities
- Scouting
- 4-H
- Hobbies/Interests
- CPR Certification
- Other

Likewise, you are to submit 2 references from unrelated community members (Community Supervisor, Pastor, etc.)

COURSE DESCRIPTIONS

ENGLISH

7th Grade English: uses an engaging selection of literature to help every student acquire the knowledge and skills needed to: locate appropriate texts for an assigned purpose, use knowledge of root words to understand vocabulary, identify basic facts and ideas in text, demonstrate an understanding of reading, demonstrate fluency and comprehension, differentiate between fact and opinion to draw influences and determine purpose, understand the use of literary elements, analyze the effect of various literary devices, write short stories and informational pieces, revise and edit writings, listen to selections of literature, speak using appropriate skills, participate in small and large group discussions, identify new words, select and refine research topics, organize and summarize main ideas, and review grammar and English usage. **1 credit**

8th Grade English: focuses on grammar and usage, literature, writing, and vocabulary. Students study grammar and usage from *Warriners*. Fifteen units of vocabulary are studied. Writing is taught, and assignments are required. Students study poems, short stories, and *The Call of the Wild* from *Exploring Literature*. Extra emphasis is placed on preparing for the PSSA test. **1 credit**

9th Grade English: focuses on literature and writing. One semester is devoted to literature, which is designed for students to read selected pieces from a variety of literary genres in order to develop independent and critical reading skills. Through written responses, the students will be required to analyze, infer, interpret, and evaluate literature exhibiting an understanding of literary elements and devices. The writing semester teaches students to use a variety of writing styles employing a number of writing techniques and grammatical strategies based on state standards. The goal of this class is to develop and improve the focus, organization, style, content, and writing conventions of each student. **1 credit**

10th Grade English: uses an engaging selection of literature to help every student acquire the knowledge and skills needed to: use knowledge of root words and words from literary works to recognize and understand the meaning of new words during reading, identify, describe, evaluate and synthesize the essential ideas in text, read and understand works of literature, analyze literary elements and terms, write short stories and informational pieces, speak using skills appropriate to formal speech situations, participate in small and large group discussions, select and refine research topics, organize, summarize, and present main ideas from research, review grammar and English usage. (*Keystone Literature Exam Designated Course*) **1 credit**

11th Grade English: focuses on the improvement of writing skills. Instruction is provided for three types of writing – informative, narrative, and persuasive. Students are required to write assigned themes in each of the three categories, incorporating the five

domains of focus, content, organization, style, and conventions. A diagnostic review of mechanics and grammar is conducted throughout the year depending on the problems that arise from the students' written work. In addition, vocabulary study and American Literature are also a part of the course. **1 credit**

12th Grade English: is the study of English grammar, composition and English literature. Also, in accordance with graduation requirements for our district, all students will complete a Graduation Project integrating more than one area of concentrated study. English grammar and composition is the cumulative review of material presented during the student's matriculation. Emphasis is placed on composition, both practical and creative. English literature deals with the study of the forms, literary movements, and important authors of England 400 A.D. to the present. **1 credit**

Keystone Literature Remediation: This course is designed to provide students who have not scored advanced or proficient on the Keystone Literature with review and remediation. Lessons are conducted via a variety of means from Study Island, podcasts, Keystone Exams: Literature Assessment Anchors and Eligible Content sample questions and glossary, to the internet. Covered are the Literature concepts that will be tested on Module 1- Fiction Literature and Module 2- Nonfiction Literature. **.5 credits**
Grade Level: 11th grade

Creative Writing: is an introductory creative writing course designed to help students develop their language skills through the production of various forms of fiction and poetry. Its goal is to give each student "practice and criticism in the reading, analysis, and composition of fiction, non-fiction and poetry writing." Students will study examples of short fiction and poetry, and will be expected to produce a number of finished pieces. **.5 credits Elective**
Grade Level: 9th-12th

Public Speaking: is an introductory-level speech course offered to students in grades 9-12. Students will gain instruction and experience in the organization and delivery of information in a variety of speaking scenarios. **.5 credits Elective**
Grade Level: 9th-12th

Yearbook: The course focuses on completing the Shadonian for the school. Students will be expected to design pages, write copy, develop a theme, meet deadlines, proofread, correct, burn cd's, and solicit ads. Students will produce and send in for publication a completed yearbook. **(No credit is offered for this course. Students meet during Homeroom Advisory)**
Grade Level: 11th-12th

Journalism I: is an elective offered in eleventh or twelfth grade, which provides instruction in newsgathering, writing, editing, headlines, layout and design of a school publication, and other facets of journalism. Emphasis is on writing skills and developing a journalistic style. **1 credit Elective**
Grade Level: 11th-12th

Journalism II: is an elective offered to seniors only. It is a cumulative review of material presented in Journalism I. Emphasis is placed on the monthly production of the school newspaper. Seniors will participate in classroom discussions but pursue an independent study in terms of assignments. **1 credit *Elective***

Prerequisite: Journalism I

Grade Level: 12th

Exploring Classic Literature: Students will explore a broad range of literary genres in this elective. In this course, students will learn how to read, interpret, and understand different types of literature including but not limited to some of the following: poetry, short stories, novels, and plays. In addition, they will study the historical context of classic literature and different author's worldviews through reading a variety of texts.

.5 credits *Elective (College Preparatory)*

Grade Level: 11th-12th

Research Writing: This course is designed to teach students the basic techniques in effective writing. Specific steps reviewed will be the writing process, formulating purpose, identifying audience, and selecting and using appropriate resources and methods of developing a research paper. By the end of this course, each student will have written a quality research paper. **.5 credits *Elective (College Preparatory)***

Grade Level: 11th-12th

Modern Literature: Literature of the twentieth century and contemporary literature will provide the focus of this course. A central thematic emphasis will be on literature that deals with the adolescent struggle, the "coming of age" experience, science and technology, multicultural readings, and the search for hope and redemption. As in all college preparatory level courses, there is an emphasis on the establishment and improvement of the following skills: close reading and analysis, thoughtful expression, writing in various forms, speaking, listening, and presenting. Students study revision techniques, expand vocabulary, and improve test-taking preparation and ability. In addition, to class work and discussion, students are expected to complete various readings, writing, and analytical assignments outside of the classroom.

1.0 credit *Elective (College Preparatory)*

Grade Level: 10th-12th

Skills 7: The purpose of this class is 1) Study Skills: to better prepare middle school students for learning by teaching: reading tips, organizational habits/time management, note-taking strategies, formal outlining, how to respond to essay questions, making inferences, identifying fact and opinion, listening skills, main ideas and supporting details and test taking tips. 2) Social Skills: is an evidence-based approach to building skills students need for success in school. Students learn skills required for effective work in groups, persistent work on projects, and constructive handling of frustration. It shows students how and why to care about people, perspective taking, and self-control.

.5 credits

Grade Level: 7th

READING

7th Grade Reading focuses on learning to: understand the meaning of and apply key vocabulary, use context clues and glossaries to understand word meanings, understand literal and figurative word meanings, make inferences, draw conclusions, and make generalizations about fiction and non-fiction text, identify and summarize the main idea and relevant details, themes and main ideas of text, identify text as narrative, poetic, informational, persuasive or instructional, describe and interpret literary elements, author's point of view, differentiate fact from opinion, analyze text organization, read one novel and complete book activities, complete PSSA preparation activities, and read playbooks in small groups. Book 1 is used in this 2-part course. **.5 credits**
Grade Level: 7th grade

8th Grade Reading builds on skills taught in Grade 7 Reading and focuses on learning to: understand the meaning of and apply key vocabulary, use context clues and glossaries to understand word meanings, understand literal and figurative word meanings, make inferences, draw conclusions, and make generalizations about fiction and non-fiction text, identify and summarize the main idea and relevant details, themes and main ideas of text, identify text as narrative, poetic, informational, persuasive or instructional, describe and interpret literary elements, author's point of view, differentiate fact from opinion, analyze text organization, read one novel and interpret its literary elements, and complete PSSA preparation activities. Book II is used in this 2-part course. **1 credit**
Grade Level: 8th grade

SOCIAL STUDIES

Pennsylvania Civics: This course consists of the presentation and teaching of Pennsylvania government and history per the Social Studies standards. Covers the study of principles and documents of PA government, rights and responsibilities of citizenship, how PA government works, and PA history (including impacts of individuals, primary documents, artifacts, historical places, continuity and change, and conflict and cooperation). **.5 credits**
Grade Level: 7th grade

Geography: Students will be building map reading and map making skills, the five themes of Geography and studying political and physical features of various regions of the world. We will look at each region's culture, religion and economic problems. Students will study U.S. and global population. Special projects will be utilized to enhance the student's appreciation of cultures and examine their similarities and differences to our own. *This is a required course for seventh grade.* **1 credit**
Grade Level: 7th grade

U.S. History I (Prehistory-1850): Involves the United States history that begins with the hunter-gatherers crossing into the Americas. The course continues with European Exploration, colonies, and the independence of America. The course involves the discussion of both the Revolutionary and Civil wars. It finishes with the Reconstruction Era in America. **1 credit**
Grade Level: 8th grade

World History I (Prehistory-1450 A.D.): This course begins with looking at the earliest technologies of the world and continues with the Stone, Bronze and Iron Ages. The course also covers the Empires of Egypt, Greece, and Rome. It concludes by discussing the ancient histories of China, Japan and India along with the Medieval Times and Renaissance periods. **1 credit**
Grade Level: 9th grade

World History II (1450 A.D.-Present): This course begins with the Renaissance Era, and continues by looking into the colonization in Africa, South America, Asia, etc. Also covered are the first and second World Wars, along with the Korean and Vietnam Wars. The course concludes with the discussion of current events. **1 credit**
Grade Level: 10th grade

U.S. History II (1850-Present): This course covers the presentation and teaching of United States History from 1850 to the present as per the Pennsylvania standards; Analysis of political and cultural contributions of individuals and groups (cultures and subcultures, political leaders, military leaders, commercial leaders, innovators, reformers, and important leaders from PA); Study of primary documents (government documents, letters, diaries, newspapers, etc.), artifacts, architecture, and historical places; Analysis of how continuity and change have influenced history; and Evaluation of conflict and cooperation among social groups and organizations. **1 credit**
Grade Level: 11th grade

Intro to Business Economics: In this course we will be working on basic business and economics for 1 semester. The 3rd quarter will focus on personal and family finance using the Plato platform. The 4th quarter the students will participate in a project through the Junior Achievement Program that teaches economic lessons to the elementary grades.
1 credit Elective
Grade Level: 10th- 12th Grade

Government: Presentation and teaching of the principles and ideals of the American republican representative form of government and citizenship. Pennsylvania standards include Principles and Documents of Government, Rights and Responsibilities of Citizenship, How Government Works, and How International Relationships Function. Topics include a detailed look at the U.S. Constitution (articles and amendments), the levels of government, branches of government, foreign and domestic policy, role of people, and current issues. **1 credit**
Grade Level: 12th grade

World War II: This course takes an in depth look at World War II. The class will discuss important people, battles, innovations, tactics, strategy, and various interesting aspects of the war. We will discuss how results of the war brought various changes in the area of military strategy, working to maintain world peace, and awareness of possible war crimes. We'll discuss what Fascism is and how it was able to grow in Europe. We'll take a look at Hitler's long rise to power and his inner-circle. Finally, we'll look into the Holocaust and the history of anti-Semitism in Europe and Germany, which was not something that began or ended with Hitler. **.5 credits *Elective***
Grade Level: 11th -12th

Civil War: This course takes an in-depth look at the Civil War. The course studies the issue of slavery (beginning, growth and arguments), how territorial expansion would cause problems with the slavery issue, a generation of leaders who failed to compromise to prevent war, and a detailed look at the outbreak of war, methods of fighting, orders of battle and the actual battles. The course finishes with the aftermath and effects of the war. In this course, important generals, political leaders, social leaders, business and commercial leaders, and innovators and reformers are studied. Viewing primary source documents will be a part of the course as well. The course objective is to look at detailed information above and beyond an American History introductory course.

.5 credits *Elective*

Grade Level: 11th -12th

Liberty & Leadership: This course is the study of America's foundational principals and changes over time. Information and concepts that provide background, history, and understanding of current issues will be discussed. A broad overview of all Social Sciences and how they relate to understanding our world today will be addressed.

.5 credits *Elective*

Grade Level: 11th-12th

Current Events: In this course students will conduct an in-depth review of issues directly impacting the world, nation, state, and local area in the 21st century, socially, politically, and economically. Throughout the course students will stay up to date on current issues and trends. As the subject of this class is "contemporary, topics will vary considerably depending on the news cycle.

.5 credits *Elective*

Grade Level: 11th -12th

SCIENCE

Science 7: is the study of the Earth, its history, its changes, and its place in the universe. Students study topics dealing with geology, meteorology, oceanography and astronomy. *Prentice-Hall Exploring Earth Science* is the textbook that will be used as the foundation of the program. Students will also do experiments, activities, oral presentations and projects throughout the year. Students will keep up to date in the world of science with the *Current Science* newsmagazine and activities using newspapers and the Internet. The “Assessment Anchors and Eligible Content” from the PDE will also be used to prepare students for future PSSA testing.

Grade Level: 7th grade

Science 8: is a basic introduction to chemistry and physics. The focus on the chemistry part deals with atoms and elements, bonding and compounds, and equations. The physics emphasizes aspects of motion such as velocity, acceleration, force, work, and power, as well as some basics of energy, heat, electricity, magnetism, sound, and light.

Grade Level: 8th grade

Biology I: is a required course for students in the ninth grade. It is a branch of science that deals with the study of living things and is concerned with all levels of life, from unicellular to multicellular forms. Pertinent terminology is introduced along with a number of fundamental biological concepts and principles. The approach to the study of life includes inquiry, interaction of matter and energy, organization, continuity, diversity as well as comparative study involving structure and function. For those students who choose to take more courses in biology, this introduction serves as a basic background for such advanced work. (*Keystone Biology Exam Designated Course*). **1 credit**

Grade Level: 9th grade

Keystone Biology Remediation: This course is designed to provide students who have not scored advanced or proficient on the Keystone Biology with review and remediation. Lessons are conducted via a variety of means from Study Island, podcasts, Keystone Exams: Biology Assessment Anchors and Eligible Content sample questions and glossary, to the internet. Covered are the Biology concepts that will be tested on Module 1-Cells and Cell Processes and Module 2-Continuity and Unity of Life. **.5 credits**

Grade Level: 10th - 11th grade

Biology II: is designed for juniors or seniors who are college bound and will pursue a curriculum oriented in the biological sciences. The course builds upon some of the concepts established in Biology I, as well as integrates more complex ideas along with the selection of investigative experiences. The physiological approach is reflected at many levels in attempting to interrelate structure with function. Areas of study include: biochemistry, cellular ultra structure, matter/energy interactions, cellular reproduction, histology, and comparative anatomy. **1 credit**

(Dual Enrollment with Mount Aloysius Available)

Prerequisite: Biology I Grade Level: 11th-12th grade

Environmental Biology: is provided as a course for both the non-academic and academic student in grades 10-12. It is a multidisciplinary science with the ecosystem being the main unit of study accompanied by a selection of student supportive experiences. The ecosystem focuses on the interrelationship of organisms to each other and to their environment. Student awareness is heightened by developing the concepts of what the natural ecosystems are regarding structure and how they function, interact, and determine the presence and distribution of life on earth. **1 credit**

Grade Level: 10th-12th grade

Chemistry I: covers the basics a student needs to be reasonably prepared for college chemistry. Course material most likely includes scientific mathematics, atomic structure, chemical formulas, chemical equations, stoichiometry, and the gas laws. The course also has a scheduled laboratory component where safety, techniques, and write-up skills are emphasized. **1 credit**

Grade Level: 10th grade

AP Chemistry: Advanced Placement (AP) Chemistry:

Advanced Placement Chemistry is designed for students who have successfully completed an academic high school level chemistry course and Algebra II. It is intended to be equivalent to the general chemistry course usually taken during the first year of college. The course is intended for, but not limited to, students who desire to pursue some study of science at the college level. College credit may be earned by satisfactory performance on the Advanced Placement Examination administered in April / May by the College Board. This course emphasizes mathematical calculations in addition to an in-depth understanding of fundamental chemistry concepts. Many concepts discussed in introductory chemistry are examined in more detail. AP Chemistry provides a more extensive chemistry and laboratory experience than is usually available in the average high school chemistry course. **1.4 credits (includes a lab)**

Prerequisite: Algebra II & Chemistry I

Grade Level: 11th-12th grade

General Science 12: has a flexible curriculum to best fit the needs, abilities, and interests of the instructor and students. Content can be drawn from any or all of the major topics of science: biology, chemistry, physics, and earth and space science. **1 credit**

Grade Level: 12th grade

Physics: is designed to introduce and develop the concepts of motion, heat, light, waves, electricity and nuclear energy appropriate for juniors and seniors. Attention will be given to more general science skills involving manipulation of data, modeling a complex science concept, addressing and solving complex technical problems and reading and writing technically. **1 credit**

Prerequisite: Successful completion of Algebra II

Grade Level: 12th grade

MATHEMATICS

Pre-Algebra 7: is a 7th grade course that lays the foundation for Algebra I. This course is the first year of a designed two-year Algebra I program. This course introduces students to variables, variable expressions and equations. Students also explore concepts through activities and applications.

Grade Level: 7th grade

General Math 7: reviews key concepts of numbers and operations as well as measurement. Students are then introduced to the basic foundations of Algebra and Geometry. All throughout this class, students are developing problem solving skills and their ability to reason.

Grade Level: 7th grade

Algebra I-8: builds upon the basics of Algebra, such as learning how to graph linear and quadratic equations. Students will also be introduced to exponential functions, radical expressions, and basic geometry. Throughout the course, students will develop their ability to problem solve and reason.

Grade Level: 8th grade

Pre-Algebra 8: will fine tune skills necessary to succeed in algebra and geometry. The students will solve simple algebraic equations using both mental math and inverse operations. The students will also expand their geometric concepts. Students that excel may move on to Algebra I.

Grade Level: 8th grade

Algebra I: teaches students how to build upon the basics of Algebra, such as learning how to graph linear and quadratic equations. Students will also be introduced to exponential functions, radical expressions, and some geometry. Throughout the course students ability to reason mathematically and problem solve will be developed.

(Keystone Algebra Exam Designated Course). 1 credit

Grade Level: 9th - 10th grade

Keystone Algebra Remediation: This course is designed to provide students who have not scored advanced or proficient on the Keystone Algebra with review and remediation. Lessons are conducted via a variety of means from Study Island, podcasts, Keystone Exams: Algebra Assessment Anchors and Eligible Content sample questions and glossary, to the internet. Covered are the Algebra concepts that will be tested on Module 1- Operations and Linear Equations and Inequalities and Module 2- Linear Functions and Data Organization. **.5 credits**

Grade Level: 10th grade .5 credits

Integrated Math 11: The focus of this course is to make sure that the students have a thorough knowledge of the Pennsylvania Mathematics Standards for eleventh grade. The material covered in this course includes topics in algebra, trigonometry, exponential functions, logarithms, quadratic equations, geometry, series and sequences. **1 credit**

Prerequisite: Algebra I

Grade Level: 11th grade

Integrated Math 12: This course targets students following a non-college bound track. Emphasis is placed on math skills for both consumer, technical and life skills. This class will also address standardized testing needs of 12th Grade students. **1 credit**

Prerequisite: Algebra I

Grade Level: 12th grade

Geometry: is the branch of mathematics that deals with measurement, properties, and relationship of points, lines, angles, surfaces, and solids. Euclidean Geometry is emphasized in this course. Proofs of theorems, postulates, and axioms are also introduced in this course. **1 credit**

Prerequisites: Algebra I

Grade Level: 9th - 10th grade

Algebra II: takes many of the concepts learned in previous math classes and broadens their meaning. It is my feeling that this is perhaps the most important math class a student will take throughout their high school career. Without a strong foundation in advanced algebra, students will struggle in future math and science courses. **1 credit**

Prerequisites: Algebra I and Geometry

Grade Level: 10th - 12th grade

Trigonometry: is an academic math course for juniors and seniors. The material covered in this course includes topics in trigonometry, exponential functions, logarithms, quadratic equations, series and sequences. The juniors will also be taking the PSSA test in the spring. We will spend a great deal of time reviewing topics from previous math classes and preparing for this very important test. Approximately half of the year is spent learning Trigonometry and the other half emphasizes the eleventh grade State Mathematics Standards. **1 credit**

Prerequisites: Algebra I, II and Geometry

Grade Level: 11th - 12th grade

Probability & Statistics: The purpose of this course is to introduce students to the major concepts for collecting, analyzing and drawing conclusions from data. Students will have the opportunity to study statistical topics and techniques that are needed to understand consumer oriented statistics encountered daily in newspapers and other publications. **1 credit**

Prerequisites: Algebra I & II

Grade Level: 11th - 12th grade

Calculus: is a college level Calculus course for seniors. The material covered in this course includes topics involving differential and integral Calculus, which would normally be taught in a college Calculus I course. **1 credit**

(Dual Enrollment with Mount Aloysius Available)

Prerequisites: Algebra I & II, Geometry, and Trigonometry

Grade Level: 12th grade

HEALTH / PHYSICAL EDUCATION

Physical Education: is a planned course of instruction for all students of Pennsylvania. The classes usually meet daily to provide students with the knowledge and skills that will enable them to achieve and maintain a physically healthy, active life. The Academic Standards for Health, Safety and Physical Education drive the course content. These standards enable the students to become academically successful. **.5 credits**

Grade Level: 7th - 12th grade

Health 8: is a mandated course in the state of Pennsylvania. The Health course is taught in two nine-week periods to the eighth grade students. The state standards are addressed in this course to help students to become and remain physically, mentally, socially and emotionally healthy. By following these set standards this increases the chances that students will achieve to their highest academic potential.

Grade Level: 8th grade

Health/First Aid: is required by the Academic Standards for Health, Safety and Physical Education. The Shade School District provides for the tenth grade students to take this course. Students receive training using the American Red Cross, Standard First Aid Course, including the instruction of proper use of the AED machine. The course also has a library research component where the students will complete a research assignment and make an oral presentation to their classmates. Content areas include drug, tobacco and alcohol information as well as AIDS information. The course is taught in two nine-week periods. SCTC students meet on alternating days throughout the school year. **.5 credits**

Grade Level: 10th-12th

Driver's Education Theory: focuses on preparing the prospective driver to develop vehicle operational skills. The course will consist of the in classroom requirements for Highway Safety / Driver's Education. Students will complete classroom assignments, activities, and tests. **.5 credits Elective**

Grade Level: 10th

FOREIGN LANGUAGE

Spanish I: prepares students to develop the four language skills of listening, speaking, reading, and writing in order to achieve the goal of basic language proficiency. Beginning with the study of the Spanish alphabet and sound system, the course emphasizes oral information for introductions and courtesy phrases. The textbook *En Español!- Uno* contains thematic units that focus on vocabulary, verb conjugations, grammar, and culture. Each unit is accompanied by a video that allows the students to hear native speakers reproducing the same material that they are studying. Students are graded on oral conversations (done with a partner), homework, quizzes, and tests.

1 credit Elective

Spanish II: builds on the foundation established in Spanish I. The four language skills are expanded and emphasized within the context of thematic units in the textbook *En Español! – Dos*. An expansion of verb conjugations and tenses also occurs, as well as vocabulary and grammar usage. Students will also increase their knowledge and understanding of various Hispanic cultures and traditions. Videos support each unit and demonstrate the Spanish language spoken by native speakers. Students are graded on their oral conversations in class as well as homework assignments, quizzes, and tests.

1 credit Elective

Prerequisite: Spanish I

Spanish III: begins with a review of verb tenses and grammar usage. An emphasis is placed on reading, translating, and understanding several forms of Spanish literature – poetry, fables, short stories, and an abridged version of *Don Quixote*. Writing requirements include a weekly journal and a semester book report. Students are required to practice and improve their speaking skills through assignments and daily practice.

1 credit Elective

Prerequisite: Spanish I & II

Spanish IV: a continuation of Spanish III. This course begins with a review of verb tenses and grammar usage. An emphasis is placed on reading, translating, and understanding several forms of Spanish literature – poetry, fables, short stories, and an abridged version of *Don Quixote*. Writing requirements include a weekly journal and a semester book report. Students are required to practice and improve their speaking skills through assignments and daily practice.

1 credit Elective

Prerequisite: Spanish I, II, III

TECHNOLOGY

Keyboarding 7th: is a computer based keyboarding course. Students will learn proper keyboarding techniques, ergonomics, and practice to improve speed and accuracy. Students will work towards becoming touch typist, typing at minimum 22 WPM. Typing Master Pro, typing software will be used. **.25 credits**

Technology Applications 8: is a basic computer literacy course. Students will be exploring: computer systems, application software concepts, graphics and multimedia, communications and networks, and online resources. This is a required course for eighth graders and uses the textbook, *Technology Application Level I*.

Microsoft Office: This course is an introduction to Microsoft Office. In this class students will learn how to efficiently use Windows. Students will be introduced to word processing and the basics of document formatting using MSWord. Students will be introduced to basic spreadsheet formatting and become familiar with the use of MS Excel. In addition, Students will also become familiar with the basic functions of PowerPoint and be able to create a presentation using all of the formatting elements available in Power point. In addition students will have touch typing training.

.5 credits Elective

Grade Level: 9th & 10th

Computer Web Design: teaches students to use the program Adobe Pagemill in order to write web pages. A digital camera and scanner will be used along with Internet browsers such as Netscape Communicator and Internet Explorer. The class project for the semester is writing and maintaining the Shade High School Web Pages.

.5 credits Elective

Grade Level: 11th- 12th

FAMILY AND CONSUMER SCIENCE

Note: Academic Standards related to this area are incorporated within other courses

ART EDUCATION

Art 7: will introduce students to painting, drawing, sculpture, and design by utilizing a variety of introductory projects and methods to enhance the development of creativity and originality in their artwork. **.5 credits**

Art 8: will continue to build upon the concepts that were introduced during seventh grade. Painting, drawing, sculptures, and design. Students will continue to develop creativity and originality in their artwork. **.5 credits**

Elective Art: will allow students to choose painting, drawing, sculpture, and design two and three-dimensional projects which will demonstrate an in-depth study toward both, planned originality and creative idea preservations. Proper display techniques will also be explained. **.5 credits Elective**

Grade Level: 9th Grade

Art I: will allow students to choose painting, drawing, sculpture, and design two and three-dimensional projects which will demonstrate an in-depth study toward both, planned originality and creative idea preservations. Proper display techniques will also be explained. **1 credit Elective**

Grade Level: 9th-12th

Art II: will allow students to build upon their experiences that they have learned during their Art I class. Students will continue to develop skills as they relate to painting, drawing, sculpting, and three-dimensional projects. **1 credit Elective**

Prerequisite: Art I

Grade Level: 11th-12th

Art III: will allow students to build upon their experiences that they have learned during their Art II class. Students will continue to develop skills as they relate to painting, drawing, sculpting, and three-dimensional projects. **1 credit**

Prerequisite: Art I & Art II Elective

Grade Level: 11th-12th

Art IV: will allow students to build upon their experiences that they have learned during their Art III class. Students will continue to develop skills as they relate to painting, drawing, sculpting, and three-dimensional projects. **1 credit**

Prerequisite: Art I, Art II, & Art III Elective

Grade Level: 12th

LIBRARY SCIENCE

Information Literacy 7: This course will serve as an introduction to the research process and how to effectively retrieve information, both in print and electronic form. Topics that will be covered include evaluation Internet resources, organizing information, plagiarism, and technology tools. Students will produce several short research projects during the class and give accompanying oral presentations. **.5 credits**

Grade Level: 7th

Information Literacy 8: This course will be a continuation of the skills learned in Information Literacy 7. **.5 credits**

Grade Level: 8th

Research & Technology: This course is an introduction to research and the use of technology in conducting research. The skills taught include using citations, evaluating resources and presenting research in a multimedia format. Emphasis will be placed on digital resources. **.5 credits *Elective***
Grade Level: 9th-10th

INDEPENDENT STUDY

Opportunities exist for independent study at Shade-Central City Jr/Sr High School. Independent study is only granted for a course NOT offered in the curriculum. An application must be completed and is available in the Guidance Office. The application stipulates objectives to be obtained, materials to be used and evaluation procedures. Application does not guarantee acceptance. Independent study may be defined as academic work in an area not available in the general course offerings. Independent study allows students with a special interest in a subject to pursue that area of interest in detail or greater depth than the existing curriculum provides. The independent study must be included as a course within the student's schedule and will demand daily attendance under teacher supervision. Teachers are under no obligation to be an advising teacher; it is their prerogative. The teacher and the student will jointly plan a specific course of study in the teacher's certified area. **.5 credits**
Grade Level: 12th

DUAL ENROLLMENT

Qualified high school seniors may accelerate their college education through Dual Enrollment courses offered and Shade and on various local University and College campuses.

Dual Enrollment students can receive college and high school credit. The Dual Enrollment Initiative is a collaborative effort between Shade-Central City Jr/Sr High School and local colleges to provide learning opportunities for qualified high school students. The Dual Enrollment program allows high school students the opportunity to enroll in college level courses and to receive both college and high school credit for that coursework. Shade-Central City students participating in these Dual Enrollment opportunities are enrolled as part-time undergraduate students and attend classes at Shade and/or on local college campuses. Students who successfully complete Dual Enrollment courses can receive college and high school credit. **Shade has established partnerships with Allegany College of Maryland and Mount Aloysius.**
UPJ and Penn Highlands courses also available
1 credit/.5 credits semester
Grade Level: 11th-12th

Allegany College of Maryland

**Note: These courses are offered on a rotating basis.

General Psychology: A foundation course in psychology. This course reviews the nature and purpose of psychology, the dynamics of adjustment, sensory development, psychometrics, and the application of psychological knowledge to practical problems.

Introduction to Sociology: A basic course in sociology. This course provides an overview of principles of sociology using empirical knowledge and the application of the scientific method. It also reviews the basic principles of social interaction, social roles, organization, processes, stratification, social change, group dynamics, and valuation.

Introduction to Philosophy: This course examines the meaning and scope of philosophy, its typical problems and theories, its relations to sciences, morality, and religion. Students will also learn about the essentials of representative types of philosophy, including naturalism, pragmatism, dualism, idealism, mysticism.

History of Western Civilization I: This course examines the development of Western Civilization and its worldwide influence. Emphasis is placed on the evolution of military, political, social, and economic institutions, as well as the cultivation of arts (prehistory to 1500).

Mount Aloysius

Biology II - see description under science courses

Calculus - see description under math courses

VOCATIONAL TECHNICAL EDUCATION

Vocational education courses are available to Shade students in grades 10 – 12. Vocational education includes a variety of career opportunities. These programs are designed to prepare you for employment or further education. All Vocational/Technical education courses are taught at the Somerset County Technology Center. Students attending SCTC will attend Shade during the first part of the day and after lunch they will attend SCTC for vocational training. This will occur on a daily basis. The following courses are available: **3 credits**

Grade Level: 10th-12th

Automotive Body Technology: This course offers training in collision repair, frame and uni-body diagnosis and repair, custom painting with airbrush graphics, and antique and classic car restoration. Using state-of-the-industry equipment, students learn damage diagnosis and estimating, metal straightening techniques, panel replacement, welding, paint mixing and refinishing, and auto detailing. Upon graduation, students are ready for an entry-level position in the auto body repair field or an advanced apprenticeship.

Automotive Technology: Through theory and actual laboratory experience, students receive the training needed to troubleshoot, analyze, and repair malfunctioning gasoline engines. This course also prepares students for the PA State Safety Inspection Mechanics Test that is given at the end

of the senior year. Areas of training include basic vehicle service, engine performance, engine repair, suspension and steering, brakes, electrical/electronic systems, heating, automatic transmissions, and manual drive train and axles. Instruction is based on the NATEF/ASE task list.

Carpentry (Millwork): Students receive competency-based skill instruction in all phases of residential construction. This includes blueprint reading, framing, interior and exterior finish. These skills are gained through the construction of a modular home. In the millwork phase of the program, students have the opportunity to work with state of the art wood working equipment to develop skills in custom cabinet design, construction and installation. Specialty occupations include contractor, framing carpenter, finish carpenter, roofer, drywall install and finish, siding mechanic, cabinetmaking, CNC operator.

Early Childhood Education (Child Care Occupations): This program covers human growth and development, health and safety, DPW regulations, nutrition, guidance and discipline, career and professional development, and activity planning. Students learn through both classroom experience and practical application in the preschool facility. Career opportunities include child care aide, assistant group supervisor, teacher's aide, nanny, day care operator. Industry certifications include First Aid, CPR, Child Development Associate and Assistant Group Supervisor.

Computer Networking Technology: Students in Computer Networking are preparing for employment in a variety of careers including but not limited to Network Administrator, Network Technician, and Computer Support Technician. Students will begin by learning the basics of computer hardware, operating systems, and peripherals. They will learn physical networking to include routers, switches, and cabling. Also, students will have the opportunity to obtain Comptia A+, Network+ and Cisco certifications.

Cosmetology: Within this three-year course, students receive training in the various beauty profession services, state law requirements, and the commercial aspects of cosmetology. Learning experiences include administering facials, manicures and artificial nail services, cutting, styling, bleaching, tinting and perming hair. In preparation for state licensing, students are also taught hygiene and sanitation, anatomy and physiology, and state laws concerning cosmetology. Emphasis is also placed on customer service and business procedures relevant to the profession.

Culinary Arts: Culinary Arts students learn the main functions of ordering, preparing, cooking and serving food in restaurants, cafeterias, hotels and institutions. Instruction includes practical experience in the school restaurant and bakery where they study the following occupations: chef, cook, baker, salad maker, line cook, prep cook, cake decorator, serving staff and cashier. Special emphasis is placed on safety, sanitation, restaurant management, menu planning, daily operations and nutrition. Upon graduation, students are prepared for entry level positions in various types of establishments or for higher education admissions in colleges or culinary schools.

Dental Assisting/Assistant: An instructional program that prepares individuals to function effectively as an integral member of the dental health team. The practitioner will perform chair-side assisting, related office duties and selected dental office laboratory procedures and dental radiography under the supervision of a licensed dentist. The planned courses should include instruction in universal precautions, OSHA regulations, communications skills, computer literacy, psychology, anatomy and physiology, microbiology and nutrition. Dental Science instruction shall include content in dental materials, dental radiography, oral anatomy, histology, oral embryology, oral pathology and therapeutics. Clinical science should emphasize the principles and

application of office management, chair-side assisting, dental emergencies and legal/ethical aspects of dental practice. Clinical practice is an integral part of the program designed to perfect students' competence in performing dental assisting functions.

Drafting and Design Technology: Drafting is the primary means of communicating technical ideas through the use of computers and software. As our nation continues to grow technologically, the demand for drafting technicians for both regular industry as well as the entertainment industry will continue to increase. Students initially learn the fundamentals of drawing, then progress into areas of specialization such as technical drafting, architectural drafting, civil engineering and surveying as well as animation for the entertainment industry. Students are also trained to operate CADD (Computer-aided Drafting and Design) systems. CADD is an integral part of the program as is 3D modeling and animation software and enables graduates to be more competitive in job placement opportunities. Upon completion of this program, students are prepared for entry-level drafting and design positions and/or for post-secondary education that can lead to a high skill, high wage career.

Electrical Occupations: This course involves practices that include the three major branches of the electrician's trade: residential, commercial, and industrial. The student who has a basic background in math and science will begin with basic electricity and progress to learning a new language that starts with the simple atom and progresses into voltage, current, resistance, and wattage.

Forestry: The demand for wood and wood products has created the need for skilled lumber workers. The forestry program is designed to train students in woodland care and management which includes logging, cutting, planting, and marketing of wood and wood products. The course also covers skills involved in sawing, drying, and grading lumber. As part of their course work, students will use a GPS/GIS system and handheld computers. Increased national emphasis on ecology and conservation of natural resources has created the need for forest management personnel. Career opportunities also exist in related environmental sciences.

Health and Medical Assisting: Students are provided course work to prepare them for employment as a nurse aide or as a medical office assistant. In addition, they are introduced to a wide variety of highly employable paraprofessional careers. Students receive instruction and participate in activities designed to help them develop practical medical and safety skills. Clinical and/or cooperative education experiences are available with hospitals, nursing homes, and other appropriate health care agencies. Graduates go directly into several entry-level positions in the medical and nurse assisting occupations, or they can continue their education at a college or medical facility.

Heating/Ventilating/Air Conditioning: The HVAC course trains students in the correct use of refrigerants, heating systems, air conditioning systems, commercial refrigeration and window air conditioning for residential and commercial utilization. Successful completion of the program will provide students with excellent opportunities to continue their education in the field of HVAC or enter the workforce upon graduation.

Machining Technology: Machine Technology provides students with an excellent background in mechanical operations for today's modern machine tool industry. The course is organized to offer competency-based instruction in the following areas: operation of a variety of machines; use of measuring tools, gauges, and instruments; computerized numerical control programming and operation; blueprint reading; and application of mathematics. Employment for machinists has traditionally been excellent and is forecast to remain excellent in the future as demand increases for highly skilled personnel.

Masonry: Employment and excellent financial rewards are readily available to successful masonry students. This three-year course offers instruction in brick and block-laying fundamentals such as mortar mixing, use of a masonry saw, scaffold building, blueprint reading and estimating. Brick paving, fireplace construction, stone masonry and the pouring and finishing of concrete are also covered.

Welding Technology: The welding course is designed to allow students to reach their highest level of achievement in oxy-fuel welding, brazing, shielded metal arc welding, gas tungsten arc welding, gas metal arc welding, and cutting using the oxy-fuel and plasma arc processes. Basic blueprint reading, safety precautions, and proper use of power equipment are also taught. Students have the opportunity to participate in activities sponsored by the American Welding Society and Skills USA.

It is the policy of the Somerset County Technology Center and the eight participating districts – Berlin-Brothersvalley, Meyersdale Area, North Star, Rockwood Area, Shade-Central City, Shanksville-Stonycreek, Somerset Area and Turkeyfoot Valley Area – not to discriminate on the basis of sex, disability, race, color, and national origin in its education and vocational programs, activities, or employment as required by Title IX, Section 504 and Title VI, and further, services, activities and facilities are accessible to and useable by disabled persons.

For information about your rights or grievance procedures, contact the Title IX Coordinator/Section 504 Coordinator, Georgia A. Yeager, 281 Technology Drive, Somerset, Pennsylvania 15501, 814/443-3651. EOI-EOE