

# Susquehanna Township High School

## 2018-2019 Course Planning Guide



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## INTRODUCTION

Susquehanna Township High School is proud to prepare students for higher education and career performance excellence. Students are given diverse, challenging and individualized learning opportunities in order to become responsible, productive, and creative citizens who understand the rewards of lifelong learning. Faculty, staff and administration are committed to providing educational experiences that are **World Class**.

A wide variety of courses, both required and elective, are presented in this educational planning guide. Courses also represent a variety of learning environments that include off-campus and online. Making focused choices about academic coursework is a team effort and should involve students, parents/guardians, and guidance counselors. To achieve goals in life, careful planning is imperative; life in high school is no different.

Students, please take time to review the information on the following pages to begin to craft a plan. Talk with your parents/guardians and guidance counselors, and please know that we are here to support and to partner with you in the development of a successful, meaningful and satisfying high school career.

Sincerely,

Administration, Susquehanna Township High School

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## ATTENDANCE

Regular school attendance plays an extremely important role in a student's academic success. The student is responsible for making up any work or tests following absences. Also, students are permitted to make up examinations and work missed while being disciplined by temporary or full suspension, within the policies established by the Board of School Directors.

## GRADUATION REQUIREMENTS

Graduation from Susquehanna Township High School, which is accredited by the Middle States Association of Colleges and Secondary Schools, must be in accordance with the graduation standards established by that association, the School Board, and the Commonwealth of Pennsylvania.

Students must earn the following units of credit in each subject area to graduate:

English	4.0
Math	4.0
Science	4.0
Social Studies	3.0
Physical Education/Health	2.0
Arts & Humanities	2.0
Elective Courses	5.0
<hr/>	
<b>Minimum Graduation Credits</b>	<b>24.00</b>

*Examples of Arts & Humanities are Art, Drama, Foreign Language, and Music.*

**Additional Graduation Requirements:** All seniors must successfully complete the culminating senior project.

### Class Designation

**Freshmen** (9<sup>th</sup> Grade) 6.5 Credits or less

**Sophomore** (10<sup>th</sup> Grade) 7.0 Credits to 13.5 Credits

**Junior** (11<sup>th</sup> Grade) 14 Credits to 20.5 Credits

**Senior** (12<sup>th</sup> Grade) 21 Credits or more

### Honor Roll Designations

Distinguished Honors: A marking period GPA of 94.5% or above with no grade below 70%.

Honors: A marking period GPA of 89.5% or above with no grade below 70%.

### Secondary Grading System

The Susquehanna Township Secondary Schools use a 100-point system of evaluation with 60% as the lowest passing grade.

90% to 100% = A

80% to 89% = B

70% to 79% = C

60% - 69% = D

0% to 59% = F

## COLLEGE ADMISSION

Applying to colleges can be very stressful. However, the process can be made manageable by the student and parents/guardians carefully planning an effective strategy for college admissions during the four years of high school.

Colleges evaluate the prospective student based on the following criteria:

1. **Class Rank** – Class rank reflects the student’s academic success when compared to other members of the class. The student’s rank is based upon the Weighted Grade Point Average and is cumulative in nature. A multiplication factor of 1.00 is used for all general education courses. A multiplication factor of 1.08 is used for Honors and 1.14 for Advanced Placement courses when determining the weighted grade point average.
2. **Grade Point Average (GPA)** – The student’s unweighted, quarterly GPA is used to determine Honors and Distinguished Honors for each grading period. This quarterly GPA is calculated by taking the quarterly grade for each course multiplied by the attempted credit value for each course. These figures are added together, then divided by the total number of credits attempted. The cumulative GPA is calculated by using weighted values, which is the GPA reported on a student transcript.
3. **Quality of Academic Preparation** – Colleges place a strong emphasis on the type and level of high school courses taken when evaluating an applicant. Selective colleges look for a well-rounded academic program with an emphasis on Honors and Advanced Placement courses. Each student should carefully plan his/her academic program and make sure that the course work matches the minimum requirements of the desired college. Additionally, two years of a foreign language is the standard requirement for most colleges; students should research the colleges they are interested in applying to in order to determine the foreign language requirement, so they can plan their high school coursework accordingly.
4. **Standardized Test Scores** – Most colleges require the student to take the Scholastic Aptitude Test (SAT) or the American College Testing (ACT) program as a requirement for college admissions. Some of the more selective colleges require that the student take the SAT II, which are subject achievement tests. Students will need to research each school’s admission requirements to determine which tests are required for admission as well as whether the school recommends or requires subject testing.
5. **Resume** – Students are expected to complete a resume which will be attached to their college application materials. Resumes should highlight employment and volunteer experiences along with other academic and extra-curricular achievements. Sample resumes are available in the Counseling Office.
6. **NCAA** – Students planning to participate in Division I or II college athletics should reference the NCAA eligibility website at [www.eligibilitycenter.org](http://www.eligibilitycenter.org) when planning their high school coursework to determine the specific coursework needed to meet NCAA eligibility requirements/guidelines

## SCHEDULING CHANGES

Students are directed to study their Educational Planning Guide, and in consultation with their subject teachers, counselors, and parents, make wise choices for their four-year educational program. Since students are given the opportunity to make scheduling decisions, it is important that they make their choices carefully and wisely. Students are making a commitment when they elect their subjects in the spring. Please note that schedule changes will NOT be made based on teacher preference or lunch preference. Additionally, elective choices are NOT guaranteed.

All scheduling changes must be processed through the Counseling Department. The only schedule changes that will be considered are those which meet one or more of the following criteria:

- A student was scheduled for a course for which they previously received credit
- A student has a hole in their schedule or is missing a needed class or lunch period
- A student wants to change their level of academic course rigor (Ex. Academic to Honors, Academic/Honors to AP or AP to either and Honors or an Academic-level course)

Students who meet one or more of the above criteria must complete a “Drop/Add Request Form” containing parent signature. No other course change requests will be permitted unless there are medical reasons or extenuating circumstances. No course change requests will be accepted via telephone, voice mail or e-mail.

Course change requests due to medical reasons or extenuating circumstances require administrative approval. If a student must withdraw from a course due to medical reasons, documentation from a medical provider is needed to substantiate the need for a course change.

## Auditing a Course

Students may also choose to audit a course. In auditing a course, the student is retaking a course for no credit. The original course grade will remain on the transcript for the student.

## Six Day Cycle

The high school year is composed of 30, six- day cycles. When a day of school is missed due to a holiday or a snow day, school resumes with the next consecutive cycle day. For example, day one of the cycle is followed by a snow day which is followed in turn by day two of the cycle.

## AP COURSES

High school students have an opportunity to complete college-level courses at the secondary level and may obtain college credit and/or advanced standing. Students should research the college or university they are interested in attending to ensure AP courses will be accepted. To meet this objective, academically challenging courses have been carefully developed in cooperation with The College Board. AP courses are subject to an auditing process by The College Board to ensure that curricular requirements are satisfied. This process has been successfully completed for all Advanced Placement courses. In the spirit of the Equity Policy Statement of The College Board, Susquehanna Township High School is committed to welcoming into AP courses all students who are willing to accept the challenge of a rigorous academic curriculum. Students are advised to discuss Advanced Placement requirements with their counselor or individual faculty members.

Grade Level	Test	Time
Grades 10-11	The Preliminary Scholastic Aptitude Test (PSAT) is administered to all 10th grade students at no cost. 11th grade students are also eligible to take the PSAT for a nominal fee. The PSAT test is the gateway examination which determines a student's eligibility to qualify for the National Merit Scholarship Program during their junior year.	October
Grades 10-12	Armed Service Vocational Aptitude Battery (ASVAB) (Voluntary)	November
Grades 9 -12	College Board Scholastic Aptitude Test (SAT) (Voluntary) and SAT II Subject Test	August-June
Grades 9 -12	American College Test (ACT) (Voluntary)	September- June
Grades 9-12	Keystone Examinations (see below) (Mandatory)	January/May
Grades 10-12	Advanced Placement Tests (Voluntary)	May

**Please note:** Additional standardized tests may be given at the discretion of the administration.

## KEYSTONE EXAMINATIONS

### Requirements for 2019 and beyond

The Keystone Exams are state mandated end-of-course assessments designed to evaluate proficiency in academic content. Scores from the Keystone Exams will be used to determine the school's School Performance Profile. In addition, student performance on the exams will help school districts guide students toward meeting state standards which are aligned with expectations for success in college and the workplace.

Students enrolled in Academic Algebra I, Algebra I B, Biology, 10<sup>th</sup> grade English and Intermediate Literature will be required to take the Keystone Exam at the completion of each course. Any student who does not score "Advanced" or "Proficient" will have the opportunity to retest. If a student fails the Keystone Exam, they will first be enrolled in a remediation course. This course may be an online course through a school selected remediation provider.

## NCAA ATHLETICS ELIGIBILITY REQUIREMENTS

The courses listed below are core courses which meet the NCAA eligibility requirements standards detailed on the following page.

### English

English 9/Academic	English 11/Academic	AP Composition
English 9/Honors	English 11/Honors	AP Literature
English 10/Academic	English 12/Academic	African-American Literature
English 10/Honors	English 12/Honors	Creative Writing
		Shakespeare in Film

### Mathematics

Algebra I	Geometry/Honors	Algebra III/Trigonometry
Trigonometry/Pre-Calculus	AP Calculus AB	AP Calculus BC
AP Statistics	Statistics	Algebra 1B
Advanced Math Topics	Calculus	Algebra II/Honors
Elementary Algebra		

### Social Studies

AP U.S. Government and Politics	Civics and Government	U.S. History
Psychology	Modern World History	U.S. History/Honors
Ethnic Studies	Modern World History/Honors	AP U.S. History
Sociology	Law in Society	
AP Psychology	AP Human Geography	

### Natural/Physical Science

Biology (Lab)	Chemistry (Lab)	Physics (Lab)
Biology/Honors (Lab)	Chemistry/Honors (Lab)	Physics/Honors (Lab)
AP Biology (Lab)	AP Chemistry (Lab)	AP Physics I (Lab) AP
Physics II (Lab)	Forensics (Lab)	Advanced Forensics
Physical Science	Astronomy	Anatomy/Physiology(Lab)
Environmental Science (Lab)		

### Additional Core Courses

French I	AP French	Spanish III/Honors
French II/Honors	Spanish I	Spanish IV/Honors
French III/Honors	Spanish II/Honors	AP Spanish
French IV/Honors		

Be sure to ask your coach or guidance counselor about these new requirements or contact the NCAA **Eligibility Center**. Also, all students who want to participate in Division I or II college athletics must complete a NCAA **Eligibility Center** processing form. These forms may be accessed at [www.eligibilitycenter.org](http://www.eligibilitycenter.org). A transcript release form must be downloaded, printed, and returned to the guidance secretary in order for a transcript to be sent to the **Eligibility Center**.

SAT and ACT scores must be reported directly to the NCAA **Eligibility Center** from the testing agency. Scores on transcripts will not be accepted.

## NCAA ACADEMIC STANDARDS: ELIBILITY REQUIREMENTS

NCAA schools require college-bound student-athletes to build a foundation of high school courses to prepare them for the college classroom. Not all high school classes count as a NCAA core course. Only courses in English, Math (Algebra 1 or higher), Natural or Physical Science, Social Science, Foreign Language, and Comparative Religion or Philosophy may be approved as NCAA core courses. Visit [www.eligibilitycenter.org](http://www.eligibilitycenter.org) for additional information.

### Test Scores

- When registering for the ACT or SAT, use the NCAA Eligibility Center Code of 9999 to ensure that all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency.
- The NCAA will only accept official scores from ACT or SAT and will not use scores from your high school transcript. If you direct the ACT or SAT to send scores to NCAA after each attempt, NCAA will choose the best scores from each test subject to create your sum score.
- If you take the current SAT before March 2016 and then take the redesigned SAT at a later date, NCAA will only combine section scores from the same versions of the test.

Division I		Division II	
# of required courses	16	# of required courses	16
NCAA Core Courses	<ul style="list-style-type: none"> <li>• 4 years English</li> <li>• 3 years Math (Alg. 1 or higher)</li> <li>• 2 years of Natural/Physical Science (including 1 year of Lab Science)</li> <li>• 2 years of Social Science</li> <li>• 1 additional year of English, Math or Natural/Physical Science</li> <li>• 4 additional years of English, Math, Natural/Physical Science, Social Science, Foreign Language, Comparative Religion or Philosophy</li> </ul>	NCAA Core Courses	<ul style="list-style-type: none"> <li>• 3 years English</li> <li>• 2 years Math (Alg. 1 or higher)</li> <li>• 2 years of Natural/Physical Science (including 1 year of Lab Science)</li> <li>• 2 years of Social Science</li> <li>• 3 additional years of English, Math or Natural/Physical Science</li> <li>• 4 additional years of English, Math, Natural/Physical Science, Social Science, Foreign Language, Comparative Religion or Philosophy</li> </ul>
Course Completion	Complete 10 core courses, including English, Math or Natural/Physical Science, before the start of your seventh semester. Once you begin your seventh semester, you may not repeat or replace any of those 10 courses for GPA improvement.	Course Completion	N/A
GPA	Minimum of 2.3 in core courses	GPA	Minimum of 2.0 <i>before</i> August 1, 2018 Minimum of 2.2 <i>after</i> August 1, 2018
SAT/ACT	Earn an SAT combined or ACT sum score that matches your core-course GPA on the Division I sliding scale for students enrolling on or after August 2016	SAT/ACT	<p><i>Before August 1, 2018:</i> Earn a combined SAT score of 820 or an ACT sum score of 68</p> <p><i>After August 1, 2018:</i> Earn an SAT combined or ACT sum score that matches your core-course GPA (minimum 2.20 GPA) on the Division II competition sliding scale</p>

## ENGLISH COURSE SEQUENCE GUIDE

<b><u>Grade</u></b>	<b><u>Course</u></b>	<b><u>Credit</u></b>
9	Academic or Honors English 9 <b>(required)</b>	1.0
10	Academic or Honors English 10 <b>(required)</b>	1.0
11	Academic, Honors, or Advanced Placement (AP) Literature 11/12 or Advanced Placement (AP) Composition 11/12 <b>(required)</b>	1.0
12	Academic, Honors, or Advanced Placement (AP) Literature 11/12 or Advanced Placement (AP) Composition 11/12 <b>(required)</b>	1.0
<b>Electives</b>		
10-12	Journalism I	0.5
10-12	Journalism II	0.5
10-12	Popular Literature	0.5
11-12	Shakespeare in Film	0.5
10-12	Yearbook	1.0
9-12	African-American Literature	0.5
9-12	Creative Writing	0.5
10-12	Mass Media	0.5
10-12	Mass Media (WHIP)	1.0



**1143 Intermediate Literature**

Grade Level: 9-12

Credit: 0.5

This course is designed to align with the Literature Keystone exam. The course consists of materials aligned to the Literature modules tested. This course is a requirement for any student who did not score “Proficient” or “Advanced” on the Keystone assessment.

**1220 Academic English 10**

Grade Level: 10

Credit: 1.0

This course will offer students the opportunity to further develop thinking and writing skills in examining literature. The curriculum reflects traditional College Preparatory studies and includes a strong research component while stressing literary analysis.

**1230 Honors English 10**

Grade Level: 10

Credit: 1.0

*Prerequisite: Teacher Recommendation*

This course is designed as a continuation of the 9th grade honors course for academically-talented students, particularly those whose goals include the pursuit of post-secondary study. Literature in this course gives primary emphasis to the universal concerns of man, such as the individual in society, love, and heroism. The writing program is coordinated with the analysis and appreciation of literature, while vocabulary and grammar are taught according to the needs of the students.

**1320 Academic English 11: American Literature and Composition**

Grade Level: 11

Credit: 1.0

As a continuation of the 10th grade academic program, thinking and writing skills will be applied to a comprehensive survey of American Literature. Course content will emphasize an analysis of our cultural and literary development from colonial settlement to the present day.

**1330 Honors English 11: American Literature and Composition**

Grade Level: 11

Credit: 1.0

*Prerequisite: Teacher Recommendation*

As a continuation of the 10th grade honors course for exceptionally-able college bound students, this honors course will trace the development of American literature from the early colonial period to the present day. Frequent writing in this course will develop the students' abilities to analyze, to synthesize, and to express thoughts in a logical manner. A research paper will be incorporated into the course with emphasis on American literature as an outgrowth of evolving American culture.

**1440 Advanced Placement (AP) Literature**

Grade Level: 11/12

Credit: 1.0

*Prerequisite: Honors English 10, 11, or AP Composition, Teacher Recommendation*

The Advanced Placement Literature course will emphasize critical reading and effective writing. Extensive reading assignments from World, British, and English literature will explore different styles and purpose in writing. Students will examine literary elements as well as produce in-depth analysis compositions that will be comparable to work in a college level English course. The study of literature will help students to gain an understanding of the principles of effective writing. Their writing skills will be developed by both various pre-assigned compositions and frequent in-class writing assignments in the same style as college assessments and AP Exam essays. This course is structured around a discussion based learning environment requiring students to daily offer personal insights and understandings in order to shape their individual analytic skills. Students who successfully pass the Advanced Placement examination may be awarded college credit in English upon entrance to most universities.

### **1441 Advanced Placement (AP) Composition**

Grade Level: 11/12

Credit: 1.0

*Prerequisite: Honors English 10, 11, or AP Literature, Teacher Recommendation*

The Advanced Placement Composition course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. This course guides students in becoming curious, critical, and responsive readers to diverse texts, and becoming flexible, responsive writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students conduct in the course will deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses to particular situations. The course cultivates the rhetorical understanding and use of written language by directing students' attention to writer/reader interactions in their reading and writing of various formal and informal genres (such as memos, letters, advertisements, political satires, personal narratives, scientific arguments, cultural critiques, and research reports). Reading and writing activities in the course also deepen students' knowledge and control of formal conventions of written language (such as vocabulary, diction, syntax, spelling, punctuation, paragraphing, and genre). Students who successfully pass the Advanced Placement examination may be awarded college credit in English upon entrance to most universities.

### **1420 Academic English 12: World Literature and Composition**

Grade Level: 12

Credit: 1.0

This course provides a chronological survey of English literature from Anglo-Saxon times to the 20th century as well as a thematic approach to world literature. The development of advanced writing skills will be emphasized. Instruction in research skills is provided and a research paper is required.

### **1430 Honors English 12: World Literature and Composition**

Grade Level: 12

Credit: 1.0

A continuation of the 11<sup>th</sup> grade honors course for college bound seniors, this course covers major works of British Literature. Emphasis is on the in-depth analysis and synthesis of characterization and themes in literature and translating those findings into argumentative and informational essays. Formal and informal Socratic seminars steer students to develop thinking and speaking skills. College application essays and a research paper are also part of the curriculum.

## ENGLISH ELECTIVE COURSES

Students may select additional, English semester offerings. Since these courses are part of the English curriculum, emphasis is placed upon reading comprehension, fundamentals of grammar, composition, and vocabulary. **These courses do not fulfill the graduation requirements for English.**

### **1510 Journalism I**

Grade Level: 10-12

Credit: 0.5

This writing course will teach the fundamentals of good, journalistic writing and explore significant aspects of journalism. Students will write news articles, editorials, feature articles, and headlines. Additional emphasis will be given to the composition or make-up of a newspaper, the use of photography, and the persuasive language of the mass media. The class will be responsible for publishing at least four issues of the student newspaper each year. (Editor-in-Chief will receive Honors Credit).

### **1515 Journalism II**

Grade level: 11-12

Credit: 0.5

*Prerequisite: Journalism I, Teacher Recommendation*

### **1520 Mass Media**

Grade Level: 10-12

Credit: 0.5

Students will learn videography, editing, journalism, and television production. The course will consist of learning journalistic writing techniques and presenting television news programs.

### **1521 Honors Mass Media (WHIP)**

Grade Level: 10-12

Credit: 1.0

Students will learn different roles in running the morning TV station, WHIP TV 5. Those roles include Director, Producer, Camera, Audio Engineer, and Anchor. Along with writing and producing the morning broadcast, students will develop videos for various school functions (Mini-THON, Student Government) as well as develop the end-of-year video for the Year book. Students will also have the opportunity to explore advanced video techniques and develop their own projects. *Previous experience in Mass Media, Journalism, or Yearbook is highly recommended.*

*\*To enroll in this class, the student must complete an application with Mr. Duane Jones.*

**1530 Popular Literature**

Grade Level: 10-12

Credit: 0.5

This course will focus on current works of literature, especially novels. The works read in this course will be either relatively new, or still have a strong impact on our society and culture. Students will read several works as a class, and select works to read individually. Writing will be a portion of this course, but instead of focusing on analyzing the text, student writing will be focused on the cultural impact and relevance of the readings. Projects and book clubs will also be utilized to encourage discussion and sharing of thoughts regarding the readings.

**1540 Shakespeare in Film**

Grade Level: 10-12

Credit: 0.5

Classes will meet to watch and discuss Shakespearean comedy, history, and tragedy. This course is designed for students with strong verbal, writing, and thinking skills that can analyze, synthesize, and interpret ideas at an advanced level. It further explores Shakespearean drama, film as a medium, and the relationship between entertainment, literature, history, and culture. Selected background readings will be assigned.

**1570 Yearbook**

Grade Level: 10-12

Credit: 0.5

*Note: Students enrolling in this course must meet the specific requirements listed below. Students must also submit an application to Mr. Jones (in person or email to [djones@hannasd.org](mailto:djones@hannasd.org)). Applications are available at the Yearbook site under the Clubs and Activities link on the high school website. Applications can also be picked up in the guidance office. Once a student has selected the course, and an application has been submitted, previous report cards will be reviewed.*

Requirements: To enroll in this course a student must have an 85% GPA or above through their high school career. This class will be solely responsible for designing, creating, and marketing the school's yearbook. Students will spend a majority of each class period on various computer programs creating publishable content. Students will frequently be required to spend time outside of class, during lunches, and before and after school, to work on projects, selling yearbooks, obtaining photos, and completing other staff duties. In this course, students will learn to take and edit photos, learn the publication process, and gain experience in marketing and advertising.

**1586 African-American Literature**

Grade Level: 9-12

Credit: .0.5

This course will involve the study of the literary contributions of African-Americans to American literature. Students will read and analyze works including novella, short stories, plays, and poetry.

**1587 Creative Writing**

Grade Level: 9-12

Credit: 0.5

This course will provide a high interest alternative to the academic writing found in other courses. Students will explore the works of others and generate work in various forms including short story, poetry, SLAM poetry, screenplay, and drama. Students will also be required to publish works through various venues including contests, public, display, and public readings. Students will both examine and analyze American and World literature, and subsequently create their own offerings in response to the work studied. This course is taught at a college-bound level.

## SOCIAL STUDIES COURSE SEQUENCE GUIDE

<b><u>Grade</u></b>	<b><u>Required Courses</u></b>	<b><u>Credit</u></b>
9	Modern World History or Honors Modern World History	1.0
10	Civics & Government or Honor Civics & Gov't or AP Government and Politics	1.0
11	U.S. History or Honors U.S. History or AP US History	1.0
<b><u>Electives</u></b>		
9-12	Law In Society	0.5
9-12	Sociology	0.5
9-12	Ethnic Studies	0.5
9-12	Psychology	0.5
9-12	Analyzing the Social Sciences in Multimedia	0.5
10-12	Criminal Law	0.5
10-12	AP Human Geography	1.0
10-12	AP World History	1.0
11-12	AP Psychology	1.0

\*Graduation Requirement: Completion of minimum three Social Studies credits

## **SOCIAL STUDIES COURSES**

### **2100 Modern World History**

Grade Level: 9 (Required)

Credit: 1.0

This course will introduce world history from 1500 CE to present time. This course will focus on the study of the historical development of people, places, and patterns of life in the modern world. Concepts and principles of history, economics, geography, civics, and the humanities will be applied.

### **2110 Honors Modern World History**

Grade Level: 9 (Required)

Credit: 1.0

This course will introduce world history from 1500 CE to present time. This course will focus on the study of the historical development of people, places, and patterns of life in the modern world. Concepts and principles of history, economics, geography, civics, and the humanities will be applied. Advanced reading and writing skills are emphasized.

### **2200 Academic Civics and Government**

Grade Level: 10 (Required)

Credit: 1.0

The course will investigate the constitutional underpinnings, formal structure and politics of government in the United States at all levels. Emphasis will be placed on the federal government and its role in the international political system and comparative economic systems with an in-depth examination of the U.S. Congress, the Presidency, and the Supreme Court. Discussion of current political issues and a variety of experiences will supplement this program.

### **2210 Honors Civics and Government**

Grade Level: 10 (Required)

Credit: 1.0

*Prerequisites: Modern World History*

This honors course is designed for the advanced student. Student enrolled in this course will investigate the constitutional underpinnings, formal structure and politics of government in the United States at all levels. Emphasis will be placed on the federal government and its role in the international political system and comparative economic systems with an in-depth examination of the U.S. Congress, the Presidency, and the Supreme Court. Discussion of current political issues and a variety of experiences will supplement this program. Advanced reading and writing skills are emphasized.

### **2500 Advanced Placement (AP) United States Government and Politics**

Grade Level: 10-12 (meets 10<sup>th</sup> grade requirement)

Credit: 1.0

*Prerequisite: Modern World History, Civics and Government and/or U.S. History; Honors World History, Honors Civics and Government and/or Honors U.S. History*

This Advanced Placement course in United States Government and Politics is designed to provide students with the analytical and factual knowledge necessary to critically examine and understand the American political process. The course involves in-depth reading, discussion, and communication of political philosophies, institutions, and practices. Units of study include the constitutional underpinnings of democracy, political beliefs and behaviors, political parties and interest groups, Congress, the Presidency, the bureaucracy, the courts and civil liberties, and public policy. Students who successfully pass the Advanced Placement examination may be awarded college credit in history upon entrance to most universities. This course may be taken in lieu of or in addition to Civics and Government.

**2420 United States History**

Grade Level: 11 (Required)                      Credit: 1.0

This course is chronological, concentrating on the late 19<sup>th</sup> and 20<sup>th</sup> Century United States with an in-depth review of history prior to the Reconstruction-era . It is based on broad political, social, and economic themes. Students will use chronological, thematic, and conceptual methods in their studies.

**2430 Honors United States History**

Grade Level: 11 (Required)                      Credit: 1.0

*Prerequisites: Civics and Government and Modern World History*

This honors course is designed for the advanced student. United States History is a chronological course concentrating on the late 19<sup>th</sup> and 20<sup>th</sup> Century United States with an in-depth review of history prior to the Reconstruction-era. It is based on broad political, social, and economic themes. Students will use chronological, thematic, and conceptual methods in their studies.

**2440 Advanced Placement (AP) United States History**

Grade Level: 11-12 (meets the 11<sup>th</sup> grade requirement US History)

Credit: 1.0

*Prerequisite: Civics and Government or Honors Civics and Government or AP Government and Politics.*

This Advanced Placement course in United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with problems and material in United States History. Combining a chronological and a thematic approach, students will study U.S. history from early colonization to the present. This course uses in-depth reading of primary and secondary sources to analyze the opposing viewpoints of history. This course requires writing college-level essays that will assess the students' ability to use historical skills to support an argument. Students who successfully pass the Advanced Placement Examination may be awarded college credit in History upon entrance to most universities. This course may be taken in lieu of or in addition to U.S. History.

**2490 Psychology**

Grade level: 9 – 12                                      Credit 0.5

This elective course is an introduction to the foundation of basic theories and principles in psychology. The course will cover theories of famous psychologists who have left an impact in the field of psychology, dreams, the troubled personality, adolescent personality, and social psychology. Research techniques will be incorporated to help better understand behavior. Principles of behavior will be illustrated by real-life situations that lie within the range of adolescent experiences.

**2480 Advanced Placement (AP) Psychology**

Grade Level: 11-12                                      Credit: 1.0

This Advanced Placement course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics & methods psychologists use in their science & practice. Students who successfully pass the Advanced Placement Examination may be awarded college credit in Psychology upon entrance to most universities.

**2505 Advanced Placement (AP) Human Geography**

Grade Level: 10-12

Credit: 1.0

This Advanced Placement course is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Topics of study include the nature and perspective of geography, population, cultural patterns and processes, political organization of space, agriculture and rural land use, industrialization and economic development, and cities and urban land use. Students who successfully pass the Advanced Placement examination may be awarded college credit in History upon entrance to most universities.

**2530 Sociology**

Grade Level: 9-12

Credit: 0.5

This elective course studies human social behavior, culture, socialization, status, our role in society, and modern and future social issues. It will also explore and compare other cultures and social phenomena that will better prepare students to coexist in our changing world.

**2550 Ethnic Studies**

Grade Level: 9-12

Credit: 0.5

This elective course will examine the various ethnic groups that exist in the United States and their impact on American culture. Students will examine terms and concepts that surround the topics of race and ethnicity. The cultures that will be examined include Asian, Native American, Hispanic, European, and others. Native history, immigration patterns, and the contributions of each group will also be examined.

**2560 Law in Society**

Grade Level: 9-12

Credit: 0.5

This elective course will provide students with a general understanding of both criminal and civil law in the U.S. Students will become familiar with legal terminology, institutions, and processes. Topics will include the court system, criminal law, juvenile law, and legal procedure.

**2570 Criminal Law**

Grade Level: 10-12

Credit: 0.5

*Prerequisite: in Law in Society or Teacher Recommendation*

Expanding on the Law in Society class, students will explore the nature of crime in the United States, landmark cases of criminal law, the intake/arrest process, aspects of a criminal investigation, the process of criminal sentencing, as well as law and terrorism in the 21<sup>st</sup> century. Students can develop a connection with other curriculums at the high school level including, but not limited to: Law in Society, United States History, Civics & Government, and Forensics, enriching and enhancing their learning experience.

**2120 Advanced Placement (AP) World History**

Grade Level: 10-12

Credit: 1

*Prerequisite: Students should have previously taken Modern World History.*

This Advanced Placement course in World History is designed to provide students with the historical analytical skills and knowledge necessary to deal critically with historical matters and material, as well as the ability to understand connections that exist in World History from 8000 BCE to the present. This course looks at several, major historical periods and themes. This course uses in-depth reading of primary and secondary sources to analyze opposing viewpoints of history. This course requires writing college level essays that will assess the students' ability to use historical skills to support an argument.

**2600 Analyzing the Social Sciences through Multimedia**

Grade Level: 9-12

Credit: 0.5

This elective course will be a semester course. With the growth in the use of availability of media and the growing trends of

students to turn to it for information, this course will serve as an extension and enrichment of the required Social Studies courses taught at the high school. Topics that may be covered in this course are: Analysis of Historical Fact and Fiction, Race Relations/Issues, Genocide, Terrorism, Economic Issues, Gender Issues and America's Role in the World. A signed parent/guardian permission slip must be submitted upon registration of this course.

## MATH COURSE SEQUENCE GIUDE

<b>Grade</b>	<b>Course</b>	<b>Credit</b>
9	Algebra I A	1.0
10	Algebra I B	1.0
9	Algebra I	1.0
9-12	Geometry	1.0
9-12	Honors Geometry	1.0
10-12	Algebra II	1.0
9-12	Honors Algebra II	1.0
12	Consumer Math	1.0
9-12	Algebra III/Trigonometry	1.0
9-12	Trigonometry/Pre-Calculus	1.0
10-12	AP Statistics	1.0
10-12	Calculus	1.0
10-12	AP Calculus AB	1.0
10-12	AP Calculus BC	1.0
11-12	Statistics	1.0
12	Advanced Math Topics	1.0

## **MATHEMATICS COURSES**

### **3020 Consumer Math**

Grade Level: 12

Credit: 1.0

Consumer mathematics gives students an opportunity to use mathematics in real life situations. This course emphasizes the study of payroll, taxes, investments, banking, and other related topics.

### **3072 Algebra IA**

Grade Level 9

Credit 1.0

This course lays the foundation for Algebra I. Students who have had limited exposure to, or limited success in Algebra topics in the past, will benefit from this course. This will be a two year course of Algebra for students who need more time to master the fundamentals of Algebra. This course is aligned to the PA Core Standards and the Keystone Eligible Content.

### **3073 Algebra IB**

Grade Level 10

Credit 1.0

This will be year two of the Algebra IA course. This course will continue to expand on Algebra I principles. Students who have had limited exposure to, or limited success in Algebra topics in the past, will benefit from this course. This will be a two year course of Algebra for students who need more time to master the fundamentals of Algebra. This course is aligned to the PA Core Standards and the Keystone Eligible Content.

### **3070 Algebra I**

Grade Level: 9

Credit: 1.0

The units in this course are aligned to the PA Core Standards, and the Keystone Eligible Content. The units included are: linear, rational, coordinate geometry, linear inequalities, systems of equations, polynomials, functions, science applications and data analysis. The focus of this course will be the higher skill level concepts of Algebra I and the introductory concepts of Algebra 2. This course is designed for students who may need to strengthen their Algebra 1 skills, and would like an introduction to Algebra 2 concepts.

### **3130 Geometry**

Grade Level: 9-12

Credit: 1.0

*Prerequisite: Successful completion of Algebra IB or Algebra I*

Through independent and group investigation, students will study a comprehensive list of both plane and spatial geometry topics. Students will apply these concepts to real world situations. Algebra skills will be reinforced throughout the year. This course is aligned to the PA Core Standards.

**3131 Honors Geometry**

Grade 9-11

Credit: 1.0

*Prerequisite: Successful completion of Algebra I, Teacher Recommendation*

Through independent and group investigation, students will study a comprehensive list of both plane and spatial geometry topics. Students will apply these concepts to real world situations. Algebra skills will be reinforced throughout the year. Material will often be covered in greater depth and at a faster pace than non-honors geometry. This course is designed especially for those students who have an interest in mathematics and a desire to pursue advanced study in mathematics or science at the high school or college level. This course is aligned to the PA Core Standards.

*GRAPHING CALCULATORS ARE REQUIRED FOR THE FOLLOWING COURSES:*

**3140 Algebra II**

Grade Level: 10-12

Credit: 1.0

*Prerequisite: Successful completion of Algebra I or Algebra 1B*

This course will introduce and examine the properties of some of the elementary functions: linear, quadratic, polynomial, rational, exponential, and logarithmic. Topics will also include number systems, systems of equations, and basic statistics. This course is aligned to the PA Core Standards.

**3150 Honors Algebra II**

Grade Level: 9-11

Credit: 1.0

*Prerequisites: Successful completion of Algebra I, Teacher Recommendation*

The topics of this course include an extension of linear functions, and an in-depth study of the following functions: quadratic, exponential, logarithmic, polynomial, and rational. This course is aligned to the PA Core Standards.

**3155 Statistics**

Grade Level: 11-12

Credit: 1.0

*Prerequisite: Successful completion of Algebra II*

In this course, students will be introduced to the major concepts of probability, interpretation of data, and statistical problem solving. Students will learn the course concepts through hands-on experimentation and investigation. They will analyze existing data as well as data collected through survey, observational study, or experiment. They will then display the data in different ways, analyze it, and draw conclusions based on the results. The four main components of the course are: exploring data, data collection, probability, and inference.

**3160 Algebra III/ Trigonometry**

Grade Level: 9-12

Credit: 1.0

*Prerequisite: Successful completion of Algebra II*

This course is designed for students who completed Algebra II and choose not to take or do not meet the requirements for the Trigonometry/Pre-calculus course. This course has a dual focus: a review of the functions studied in Algebra II, and an introduction to Trigonometry.

**3170 Trigonometry/Pre-Calculus**

Grade Level 9-12

Credit: 1.0

*Prerequisite: Successful completion of Algebra II or Honors Algebra II with Teacher Recommendation or completion of Algebra III/Trigonometry*

This course is an in-depth study of functions, their properties, and their graphs. This includes linear, polynomial, rational, radical, exponential and logarithmic functions and applications. A significant portion of the course is dedicated to the study of the trigonometric functions and their graphs, unit circle relationship, identities, trigonometric equations, solutions to oblique triangles, and applications. The applications include a study of vectors and polar graphs. Other topics may include discrete mathematics (sequence and series) and analytic geometry (conic sections).

**3060 Calculus**

Grade Level: 10-12

Credit: 1.0

*Prerequisite: Successful completion of Algebra III/Trigonometry or Trigonometry/Pre-calculus.*

This course is intended for students with a thorough knowledge of algebra, axiomatic and analytic geometry, trigonometry, and the elementary functions. Topics include functions and their limits, the derivative and its applications, the integral and its applications, and polynomial approximations.

**3210 Advanced Placement (AP) Statistics**

Grade Level: 10-12

Credit: 1.0

*Prerequisite: Successful completion of Algebra II*

This course will involve collecting, analyzing, and drawing conclusions from data. Students are exposed to four conceptual themes: exploring data, planning a study, anticipating patterns, and making statistical inferences. This course is the equivalent of a semester non-calculus based college course in statistics.

**3230 Advanced Placement (AP) Calculus BC**

Grade Level: 10-12

Credit: 1.0

*Prerequisite: Successful completion of Trigonometry/Pre-calculus. Although it is recommended that students take AP Calculus AB before taking AP Calculus BC, with Teacher Recommendation, a student may move directly to AP Calculus BC from Trigonometry/Pre-calculus.*

This course is intended for students with a thorough knowledge of algebra, axiomatic and analytic geometry, trigonometry, and the elementary functions. Topics include functions and their limits, the derivative and its applications, the integral and its applications, and polynomial approximations. The content is designed to earn Advanced Placement and/or college credit. Students should be willing to spend considerable time preparing for this class.

**3240 Advanced Placement (AP) Calculus AB**

Grade Level: 10-12

Credit: 1.0

*Prerequisite: Successful completion of Pre-calculus or Algebra III/Trigonometry and Teacher Recommendation*

This course is an in-depth study of limits and continuity, derivatives and their applications, integrals and their applications, and differential equations. The content is designed to earn Advanced Placement and/or college credit for a first semester calculus course.

**3250 Advanced Math Topics**

Grade Level: 12

Credit: 1.0

*Prerequisite: Successful Completion of a Calculus course*

This course is designed for students who have successfully completed a calculus course and are interested in further in-depth investigation into higher level mathematics. The course will cover topics in discrete mathematics, advances applications of probability and statistics, set theory with proof writing, logic and axiomatics, differential equations and their applications, and applications of calculus.

**SCIENCE COURSE SEQUENCE GUIDE**

<b><u>Grade</u></b>	<b><u>Course</u></b>	<b><u>Credit</u></b>
9-10	Honors Biology	1.5
10	Academic Biology	1.5
10-11	Physical Science	1.0
10-11	Chemistry or Honors Chemistry	1.5
11	Physics	1.5
11-12	AP Physics I	1.5
11-12	AP Biology	1.5
11-12	AP Chemistry	1.5
9	Environmental Science	1.0
11-12	Environmental Science	1.0
11-12	Environment & Society	1.0
11-12	Honors Human Anatomy and Physiology	1.0
11-12	Forensic Science	1.0
12	Advanced Forensic Science	0.5
11-12	Astronomy	0.5
11-12	Honors Organic Chemistry	1.5
12	AP Physics II	1.5

## SCIENCE COURSES

### **4210 Academic Biology**

Grade Level: 10-12

Credit: 1.5

This course is designed to prepare students to take the Keystone Biology examination. This course offers a study of biological concepts necessary for college-bound students. Topics covered include evolution, biochemistry, cell biology, molecular genetics, physiology, and ecology. Strong emphasis is placed on the unifying theme of biological science, evolution, as well as science's role in technology and society. Laboratory work is an integral part of coursework. *This course will require a mandatory lab period.*

### **4220 Honors Biology**

Grade Level: 9-10

Credit: 1.5

*Pre-requisite: Students require a teacher's recommendation*

This course offers an accelerated introduction in the study of biological concepts necessary for college bound students seeking degrees in medicine, biotechnology, and allied biological sciences. Topics covered include evolution, biochemistry, cell biology, molecular genetics, physiology, and ecology. Strong emphasis is placed on the unifying theme of biological science: evolution, as well as science's role in technology and society. Laboratory work is an integral part of the coursework. *This course will require a mandatory lab period.*

### **4225 Project Based Assessment Biology**

Grade Level: varies

Credit: 0.5

This course is designed to meet the Chapter 4 graduation requirements for Biology.

### **4330 Physical Science**

Grade Level: 10-11

Credit: 1

This course will introduce the general principles and concepts of Chemistry and Physics. Topics include: Scientific Measurement, the Properties of Matter and the Periodic Table, Characteristics of Waves and the Electromagnetic Spectrum, Nuclear and Atomic Theories, Chemical Bonds and Reactions, the Laws of Motion, Energy Changes and Forces.

*\*Students who completed Algebra II should take either Honors Chemistry or Chemistry.*

### **4335 Academic Chemistry**

Grade Level: 10-12

Credit: 1.5

*Prerequisites: Honors Biology and enrolled in Algebra II or Academic Biology and Algebra II or Physical Science*

This course is an introduction to the study of matter; its nature, properties, and changes. Emphasis is placed on the structure of atoms and molecules, periodic trends, chemical quantities, bonding theory, chemical reactions, stoichiometry, and the behavior of gases. *This course will require a mandatory lab period.*

### **4340 Honors Chemistry**

Grade Level: 10-12

Credit: 1.5

*Prerequisites: Honors Biology and enrolled in Algebra II or Academic Biology and Algebra II with teacher recommendation*

This is an introduction to the study of matter; its nature, properties, and changes. Emphasis is placed on the structure of atoms and molecules, chemical bonding, chemical reactions, stoichiometry, acids and bases, states of matter, solutions, the behavior of gases, and thermodynamics. Laboratory work is an integral part of this course. *This course will require a mandatory lab period.*

**4350 Academic Physics**

Grade Level: 11-12

Credit: 1.5

*Prerequisites: Algebra II and Geometry*

This course is an introduction to physics. Areas of study include mechanics, sound, and light. A strong background in algebra and geometry must be possessed, as concepts from these courses are pursued extensively throughout the year. Mathematics and laboratory work are an integral part of this course. *This course will require a mandatory lab period.*

**4370 Advanced Placement (AP) Biology**

Grade Level: 11-12

Credit: 1.5

*Prerequisites: Honors or Academic Biology and Honors Chemistry or Chemistry*

This course is the equivalent of a college introductory biology course usually taken by Biology majors during their first year. The course emphasizes the topics regularly covered in a college biology course for majors: evolution, genetics, cell biology, molecular biology, physiology, organismal biology, and ecology. This course is highly recommended for students interested in careers in medicine, biotechnology, and allied scientific fields.

**4380 Advanced Placement (AP) Chemistry**

Grade Level: 11-12

Credit: 1.5

*Prerequisites: Chemistry and Algebra II*

This course is designed for the student who is interested in pursuing chemistry, medicine, or any science related field in college. The material will be presented as a combination lecture, discussion, and laboratory work. Topics will cover molecular structure, states of matter, solutions chemistry, thermodynamics, equilibrium, kinetics, acid/base chemistry, oxidation-reduction, electrochemistry, nuclear chemistry, and a brief introduction to organic chemistry.

**4390 Advanced Placement (AP) Physics 1**

Grade Level: 11-12

Credit: 1.5

*Prerequisites: Honors Chemistry, Geometry, and Algebra II*

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

**4391 Advanced Placement (AP) Physics 2**

Grade Level: 12

Credit: 1.5

*Prerequisite: Successful completion of AP Physics 1 or Physics*

This course is equivalent to a second semester college course in algebra-based physics. This course is highly recommended for students interested in careers in physics, engineering, or an advanced interest in the sciences. This course offers a thorough survey of physics topics including fluid mechanics, thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics.

**4400 Environmental Science (9)****4405 Environmental Science (10-12)**

Grade Level: 9 and 10-12

Credit: 1.0

This is a course that will study the interdependence of nature. Students will learn about the intersection of biology and current environmental issues such as the greenhouse effect, water pollution, air pollution, and more. The class will include lab work and open discussion of environmental issues.

**4406 Honors Environment and Society**

Grade Level: 11-12

Credit: 1.0

*Prerequisite: Honors Biology or Honors Chemistry*

This is an interdisciplinary course of study focused on human alteration of the environment, assessing environmental impact using biological and physical science, and the economic, political and social challenges our society faces in resolving complex environmental issues. Topics addressed include, but are not limited to: ecology, natural resource management, human population growth, pollution, and sustainable environmental practices.

**4410 Honors Human Anatomy and Physiology**

Grade Level: 11-12

Credit: 1.0

*Prerequisites: Biology and Chemistry*

Human Anatomy and Physiology is an introductory course in the study of the human body. The class is geared for students interested in the health professions such as nursing and physical therapy as well as those students interested in the structure and function of the human body. Emphasis is placed on a broad look at the various approaches to studying the human body as well as a detailed look into examining organ systems, the disease process, and methods of treatment. *Please note: this is a dissection-based lab course and you will be required to dissect several organs from animals and a fetal pig as part of your finalevaluation.*

**4420 Forensic Science**

Grade Level: 11-12

Credit: 1.0

*Prerequisite: Biology or Chemistry.*

This course will introduce students to the subject with topics ranging from: forensic crime scene techniques such as processing physical and trace evidence, forensic entomology; Serology (blood chemistry), criminology, anthropology and archaeology. Digital imaging processing techniques will be pursued extensively in laboratory investigations.

**4425 Advanced Forensic Science**

Grade Level: 12

Credit: 0.5

*Prerequisite: Forensic Science*

Students who have successfully completed the Forensic Science Course will have an opportunity to further their knowledge of crime scene investigations with the following topics: Toxicology and Poisons; Digital and Cyber Crime; Environmental Forensics; Document Examination; Criminal Profiling; Death Investigations, the Coroner's Office and Autopsies.

**4440 Astronomy**

Grade Level: 11-12

Credit: 0.5

*Prerequisite: Algebra, Geometry*

This course is an introduction to astronomy and its related fields of study. The areas of study would include cosmology, planetology, and astrometry (positional astronomy). Algebraic and geometric concepts will be used in the course. Students will be required to commit to two evenings for astronomical observations.

**4460 Honors Organic Chemistry**

Grade Level: 11-12

Credit 1.5

*Prerequisite: Chemistry, Teacher Recommendation*

This course is designed for students interested in pursuing chemistry, medicine, biology or other related fields in college. The course will examine the wide breadth of carbon chemistry from the perspective of functional groups and reaction mechanisms. Connections will be made between various functional group chemistries so the student will grasp the similarities between (a big picture of) organic reactions, rather than just memorization of facts. Laboratory is an integral part of the course. Topics will include (but are not limited to) hydrocarbons, alcohols and ethers, carbonyl chemistry, and carbohydrates. *This course will require a mandatory lab period.*

**4990 Independent Study Science Fair Project**

Grade Level: 9-12

Credit: 0.5

*NOTE: Credit awarded only for projects which meet criteria.*

Students may select to do an Independent Study Science Fair Project for submission to the Susquehanna Township Science Fair and the Capital Area Science Fair. Students who wish to submit a project must complete all Susquehanna Township High School and Capital Area forms and have their project approved by the high school science fair advisor. Projects which comply with all regulations of both Susquehanna and Capital Area which are judged good or excellent at Susquehanna Township High School and are entered at Capital Area will receive one-half credit. *Due to the deadlines for submission of project proposal and the Science Fair, this course can only be offered during Semester 1.*

## **BUSINESS EDUCATION**

Students may enroll in business courses to pursue as a major or in combination with other academic courses. All business courses are open to academic students if they meet the prerequisite.

### **5000 Business and Computer Applications I**

Grade Level: 9-12

Credit: 0.5

This introductory course in the business program provides an overview of the integrated software packages most often used in the workplace. By the end of the course, students will have a sound understanding of the basic features and business applications of word processing, spreadsheet, and presentation software using Microsoft Office 2013. Students will also get a keyboarding review to build speed and accuracy. This course will teach students how to use computers to communicate effectively. Students are also introduced to additional business topics such as finance, marketing, economics, and business law.

### **5010 Business and Computer Applications II**

Grade Level: 9-12

Credit: 0.5

*Prerequisite: Business and Computer Applications I*

Business and Computer Applications II is a continuation of Computer Applications I. Students complete the Microsoft Office 2013 package by working with intermediate spreadsheet applications along with an introduction to desktop publishing and database software after a brief typing review. Students will have the tools to design a database on paper and evaluate the effectiveness of a database from its map. Students will also examine how current events affect businesses on both local and global scales. Students will be given the opportunity to design and evaluate a personal budget that they will routinely update in Excel.

### **5020 Business and Computer Applications III**

Grades 10-12

Credit: 0.5

Students continue to study and reinforce business topics covered in Business and Computer Applications I & II. Students will learn how to manage an electronic database, learn intermediate to advanced skills with desktop publishing software (Adobe Photoshop) and advanced spreadsheet applications to create and enhance business communications. There will be an introduction to webpage design concepts and marketing businesses through the use of advanced computer design software. Students with an interest in business who are unsure of educational and career opportunities will find this course beneficial. Students will develop skills to utilize advanced word processing and spreadsheet applications. This course prepares students for a wide variety of career opportunities in various work industries.

### **5030 Computer Programming**

Grade Level 10-12

Credit: 0.5

*Prerequisite: Business and Computer Applications I*

This course is a fast-paced introduction to computer programming. The content of the course will consist of typing computer code, learning how to debug a program, and ultimately run programs that you create. The course will emulate standard industry coding practices and use programs that are relevant in today's information technology world and the near future. Computer programming is a learn-by-doing course using some of today's popular programming languages, such as: Visual Basic, Java, Action Script, HTML, and Python. Students will also be introduced to code mapping and they will be shown how to create a flow chart to map out code procedures. There will also be some opportunity to learn how to create basic Android-based apps.

**5040 Accounting I**

Grade Level: 10-12

Credit: 1.0

Students develop the ability to analyze and record business transactions on the basics of GAAP (General Accepted Accounting Principles). The systematic interpretation and recording of business transactions are emphasized. The course includes basic accounting theory, the use of journals and ledgers, preparation of financial statements, taxes and payrolls, and information on careers in accounting. Students will complete and interpret financial information for a sole proprietorship, partnership, and corporation. Selected activities will be included throughout to give students experience with computerized accounting. Students who are interested in a business major in college or entering the financial arena are encouraged to take this course.

**5050 Accounting II**

Grade Level: 11-12

Credit: 1.0

*Prerequisite: Accounting I*

Students are given a basic accounting review followed by advanced applications for the principles of accounting learned in Accounting I. Units of study pertaining to partnership, corporations, cost accounting, and management of accounting data are covered. Business simulations will be pursued throughout the course to provide students with the opportunity to perform real world accounting tasks. Students will develop advanced skills that will provide them with the ability to interpret financial accounting records. The course also includes accounting control systems, the relationship between the automated and manual processing of accounting data, and information on careers in accounting. Selected activities will be included to provide students experience with computerized accounting.

**5080 Entrepreneurship**

Grade Level: 10-12

Credit: 0.5

This course is designed to provide students with the basic knowledge necessary to become an entrepreneur. Students who are interested in managerial careers or in owning their own business will find this course beneficial. The course promotes career development that will improve employment opportunities as a manager, owner, or employee. Topics include types of business ownership, creating a business plan, management functions, manager and entrepreneur responsibilities, managerial accounting, and retail management. Simulation activities to develop skills in decision-making, leadership, communications, marketing, economics, ethics, finance, and selecting and managing employees. Students will also be encouraged to participate in the Business Plan Challenge competitions offered through Economic PA and CREDC.

**5140 Financial Management**

Grade Level: 10-12

Credit: 0.5

This course is designed to help students discover new ways to maximize earning potential, develop strategies for managing resources, explore skills for the wise use of credit, and gain insight to the different ways of investing money. The course will include finance topics dealing with insurance, credit, and debit cards as well as risk management. Upon completion of this course, students will be exposed to all relevant topics that will assist them as they become financially savvy adults. Additionally, students are exposed to field study opportunities through Junior Achievement Finance Park. The Stock Market Game will also be used to further develop investment strategies to promote long-term growth of investment portfolios.

**5142 Computer Information Systems:**

Grade Level: 11-12

Credit: 1.0

The course provides a fundamental understanding of computers and familiarizes students with the interactions of computer hardware and software. Emphasis is on the application of computers and “hands on” use of software applications, including word processing, spreadsheet, file and database management.

**5143 Microsoft Office Certification Course**

Grade Level: 11-12

Credit: 0.5

*Prerequisite: Business and Computer Applications III*

The Microsoft Office Certification Course is a new addition to our course selection this year. It is a course that intends to focus on officially training students in Microsoft Word 2013 and Microsoft PowerPoint 2013 software. The final goal is to provide preparation in order to take the Microsoft Office Specialist (MOS) exam in the respective software programs. The test numbers that students are being prepared for are:

- Exam 77-418 Microsoft Word Core (MOS)
- Exam 77-422 Microsoft PowerPoint (MOS)

Students will use textbook examples to create projects in relative to the specialist exam questions.

**5150 AP Computer Sciences**

Grade Level: 10 – 12

Credit: 1.0

*Prerequisites: Algebra I, Business I*

AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career.”

**5155 Raspberry Pi Center**

Grade Level: 9-12

20 students will be selected to participate in a computer programming competition. Students will be asked to build something using raspberry pi computers. Students could earn a scholarship from Harrisburg University.

## **WORLD LANGUAGE COURSES**

### **6100 French I**

Grade Level: 9-12

Credit: 1.0

French I is based on beginner vocabulary and grammatical concepts. This course contains a focus on all four major modes of communication: listening, speaking, reading, and writing. Students will be expected to devote time out of class for homework and study. Due to the interactive nature of a language class, active participation in class activities and good study habits are essential to success.

### **6110 French II**

Grade Level: 9-12

Credit: 1.0

*Prerequisite: French I*

French II builds upon the vocabulary and grammatical concepts learned in French I with continued emphasis on the four basic skills of listening, speaking, reading, and writing. A mastery of French I concepts is necessary for success. Students will be expected to devote time out of class for homework and study. Students will learn new vocabulary and grammar within a cultural context and will be expected to listen, read, write, and speak with more complex sentences. All communication skills are stressed. Due to the interactive nature of a language class, active participation in class activities and good study habits are essential to success.

### **6120 French II Honors**

Grade Level: 10-12

Credit: 1.0

*Prerequisite: French I, Teacher Recommendation*

French II Honors is an accelerated course which is conducted almost entirely in French and students are expected to use French in class. Course materials are supplemented with additional vocabulary, authentic audio clips and readings such as newspaper and magazine articles. Assignments include regular speeches, oral presentations, interviews, essays, and creative writing projects. Due to the interactive nature of a language class, active participation in class activities and good study habits are essential to success.

### **6140 French III Honors**

Grade Level: 10-12

Credit: 1.0

*Prerequisite: French II, Teacher Recommendation*

French III Honors is a more rigorous course which will be taught in French. Students will continue to develop the four basic skills of listening, speaking, reading, and writing. Students will improve their speaking and writing skills through study of vocabulary, verb tenses, and grammar. Students will be expected to converse in French and complete a creative writing assignment. There will be a steady increase in the use of the target language throughout the year. The course material will be supplemented by various types of reading.

**6150 French IV Honors**

Grade Level: 11-12

Credit: 1.0

*Prerequisites: French III Honors, Teacher Recommendation*

French IV Honors is a fast-paced intensive study of the French language and its cultures. This class is conducted almost entirely in French and students are expected to exclusively use French in class. Students will study the French language through its literature, art, history, and music as well as a continuation of advanced grammar instruction. Assignments include real-life conversations, speeches, interviews, essays, letters, etc. Students' progress will be assessed in a variety of ways, including exams that mirror the actual AP exam, compositions, formal speeches, and projects. Due to the interactive nature of a foreign language class, active participation in class and good study habits are essential to success.

**6160 Advanced Placement (AP) French**

Grade Level: 11-12

Credit: 1.0

*Prerequisites: French IV Honors, Teacher Recommendation*

In this course, students will increase their command of the French language by developing their language skills through synthesizing a variety of authentic written and aural materials. Students will study French through literature, art, and music. A variety of authentic resources from the French-speaking culture are used, such as; literary works, audio recordings, video clips, songs and magazine, and newspaper articles. This course also emphasizes a rigorous review and instruction of advanced French grammar. The class is conducted entirely in French and students are expected to use French both inside and outside of the classroom. Student progress will be assessed in a variety of ways including exams, quizzes, speeches, interviews, letters, and engaging in real-life conversations.

**6180 Spanish I**

Grade Level: 9-12

Credit: 1.0

Spanish I is an academic course available to any student who is interested in learning a modern foreign language. Emphasis is placed on vocabulary development, mastery and demonstration of grammatical concepts, mastery of the new sound system, cultural difference, and development of listening, speaking, reading, and writing skills. Due to the interactive nature of a foreign language class, active participation in class activities and good study habits are essential to success. Students will be expected to devote time out of class for homework and study.

**6190 Spanish II**

Grade Level: 9-12

Credit: 1.0

*Prerequisites: Spanish I*

Spanish II builds upon the vocabulary and grammatical concepts learned in Spanish I with continued emphasis on the four basic skills of listening, speaking, reading, and writing. A mastery of Spanish I vocabulary and verb conjugations are necessary for success. Students will learn new vocabulary and grammar within the cultural context and will be expected to listen, read, write, and speak with more complex sentences. Students will be expected to devote time out of class for homework and study. Oral communication and writing skills are stressed. Due to the interactive nature of a foreign language class, active participation in class activities and good study habits are essential to success.

**6200 Spanish II Honors**

Grade Level: 10-12

Credit: 1.0

*Prerequisite: Spanish I, Teacher Recommendation*

This course is intended for students with a strong interest and proficiency in Spanish. Students will learn more complex structures of basic Spanish and supplementary vocabulary. Students will work on the four basic skills of listening, speaking, reading, and writing. Spanish production is emphasized through communication and writing skills. Due to the interactive nature of a foreign language class, active participation in class activities and good study habits are essential to success.

**6220 Spanish III Honors**

Grade Level: 10-12

Credit: 1.0

*Prerequisite: Spanish II Honors, Teacher Recommendation*

Spanish III Honors is an accelerated course which is conducted almost entirely in Spanish. Starting in the 2<sup>nd</sup> marking period, students are expected to exclusively use Spanish in class. Course materials are supplemented with additional vocabulary, authentic readings and audio clips. Assignments include regular speeches, oral presentations, interviews, essays and other creative writing projects. Due to the interactive nature of a foreign language class, active participation in class activities and good study habits are essential to success.

**6240 Spanish IV Honors**

Grade Level: 11-12

Credit: 1.0

*Prerequisite: Spanish III Honors, Teacher Recommendation*

Spanish IV Honors is a fast-paced, intensive study of the Spanish language and its cultures. This class is conducted almost entirely in Spanish and students are expected to use Spanish exclusively in class. Students will study the Spanish language through its literature, art, history, and music as well as a continuation of advanced grammar instruction. Assignments include real-life conversations, speeches, interviews, essays, letters, etc. Due to the interactive nature of a foreign language class, active participation in class activities and good study habits are essential to success. Students who plan to take AP Spanish should take this course to prepare for the rigor of an Advanced Placement language course.

**6260 Advanced Placement (AP) Spanish**

Grade Level: 11-12

Credit: 1.0

*Prerequisite: Spanish IV Honors, Teacher Recommendation*

In this course, students will increase their command of the Spanish language by developing their language skills through synthesizing a variety of authentic written and aural materials. A variety of authentic resources from the Spanish-speaking culture is used such as: literary works, audio recordings, video clips, songs, and magazine and newspaper articles. This course also emphasizes a rigorous review and instruction of advanced Spanish grammar. The class is conducted entirely in Spanish and students are expected to use Spanish both inside and outside of the classroom. Student progress will be assessed in a variety of ways including exams (similar to sections on the AP exam), compositions, formal speeches, *tertulias*, and other projects.

## HEALTH AND PHYSICAL EDUCATION COURSES

### **7540 Health**

Grade Level: 9-12

Credit: 0.5

Health will be devoted to providing students with strategies that will help promote a soundness of body and mind. The units we will be covering include: self-esteem, decision making, mental health, nutrition, muscular/skeletal system, basic weight training, substance abuse, reproduction, pregnancy, birth, infectious diseases, and STI's and related diseases for each unit covered. *Health is a graduation requirement for all Susquehanna Township High School students.*

All PE classes may be taken multiple times until Physical Education credits are fulfilled.

All PE courses emphasize fair play, skill development and the positive effects of exercise. Every student will be encouraged to participate in all of the activities in each course to the best of their ability. Please read the course descriptions carefully to match your interests and fitness level.

### **7545 PE Team Activities**

Grade Level: 9-12

Credit: 0.5

This course will focus on the following activities: basketball, football, handball, rugby, lacrosse, soccer, softball, and volleyball.

### **7546 PE Lifetime Activities**

Grade Level: 9-12

Credit: 0.5

This course will focus on the following activities: fitness center, fitness walking, golf, small games, tennis, disc, and geocaching

### **7547 PE Racquet Activities**

Grade Level: 9-12

Credit: 0.5

This course will focus on the following activities: badminton, golf, pickle ball, pillow polo, and tennis.

### **7548 PE Ultimate Games**

Grade Level: 9-12

Credit: 0.5

This course will focus on the following activities: Engle ball, mat ball, nerf games, small games, speed ball, ultimate football, and ultimate Frisbee.

### **7570 Strength & Conditioning**

Grade Level: 11-12

Credit: 0.5

This class is geared to the highly motivated student whose main goal is to increase conditioning, strength, and personal fitness. Students will participate in a variety of training methods to help improve their fitness levels. Students will be required to devise a program to meet their individual training needs and adhere to this program throughout the duration of the course.

### **7590 Biomechanics (Honors)**

Grade Level: 10-12

Credit: 0.5

Biomechanics is an introductory course to the study of human movement and the forces that act on a body in motion. This course will prepare students for careers in a variety of health care settings. Students will learn about forces that act on and within the human body to produce growth and movement, as well as how to describe human motion.

### **7595 Introduction to Athletic Training (Honors)**

Grade Level: 10-12

Credit: 0.5

*Prerequisite: Anatomy and Physiology or Biomechanics*

Introduction to Athletic Training will provide students with a broad look into the athletic training profession. The class will prepare students for careers in allied healthcare – specifically athletic training and physical therapy. Topics addressed will include, but are not limited to: the prevention, evaluation, treatment and rehabilitation of athletic injury, first aid and CPR, and the professional responsibilities of a certified athletic trainer.

## **FAMILY AND CONSUMER SCIENCE COURSES**

### **7600 Creative Living**

Grade Level: 9-12

Credit: 0.5

This course examines life management skills in the areas of personal and family living: wellness, nutrition, and foods; living environments; appropriate child development practices; fashion and clothing; and job readiness.

### **7640 Human Development and Family Studies**

Grade Level: 10-12

Credit: 0.5

This course is designed to help students explore personal development, decisions affecting their future, lifestyles, relationships with family and friends, marriage, parenting, balancing family and work, dealing with family crises, and managing family living. This class also introduces students to responsible nurturing and basic applications of child development from conception through preschool age (physical, emotional, social, and intellectual). The emphasis is on the parents' responsibilities and the influence they have on children while providing care and guidance.

## MUSIC COURSES

### 7830 Exploring Music

Grade Level: 9-11

Credit 0.5

Students will be introduced to the basic fundamentals of music, including introduction to musical instruments, notation, and the impact of music on our society. This course will build a basis for Music Theory and provide an introduction to music reading.

### 7880 Music Theory

Grade Level: 10-12

Credit: 1.0

*Prerequisite: Ability to read music.*

Music Theory includes a study of the elements of music and basic harmony. This course may be taken by any student who desires to know more about the actual development of music theory thus enabling the student to better understand music, play music, sing music, and even compose music. This course prepares the student for further study in college and for a career in music. The ability to play an instrument, sing, and read music is important for participation.

### 7900 Band

Grade Level: 9-12

Credit: 1.0

*Prerequisite: Teacher recommendation and/or audition, and student must be able to read music.*

Membership in the band program is open to any student who is able to play a wind and/or percussion instrument and can successfully pass an audition with the director. The student musicians gain a variety of experiences by participating in concert performances. The Marching Band, Jazz Band, and other select ensembles provide additional opportunities for the more advanced student members of the band. A major objective of the band shall be the technical improvement of each student on his/her respective instrument enabling the student to perform music of a more demanding level, thereby gaining a greater insight into the musical literature of today and yesterday. Instrumental music lessons will be given in the form of large group instruction. Each student will be scheduled into a group by like instruments and will participate in group instruction one period per week on a rotational basis. Grades will be administered for this class and will be averaged into the regular band class grade. These lessons are in addition to the band class period. **ATTENDANCE AT ALL PERFORMANCES, including athletic events for Marching Band, REHEARSALS, AND SECTIONALS IS REQUIRED FOR THIS COURSE.**

### 7910 Chorus

Grade Level: 9-12

Credit: 1.0

*Prerequisite: Teacher recommendation and/or audition, and student must be able to read music.*

**CHORUS:** *Chorus is open to all students upon successful audition.* Emphasis shall be placed on development of good vocal technique, ensemble style, and performance of choral works from all periods of music history. Music with foreign texts will be included in the repertoire. It is necessary that participants have a healthy attitude about singing. Small, select vocal ensembles are open to the highly-qualified student members of the chorus. Membership is through a special audition and selection by the director. These groups, which include Concert Choir and Show Choir, practice after school and sing for numerous school and community functions. **REHEARSAL AND CONCERT ATTENDANCE ARE REQUIRED FOR THIS COURSE.**

**7920 Orchestra**

Grade Level: 9-12

Credit: 1.0

*Prerequisite: Teacher recommendation and/or audition, and student must be able to read music.*

Membership in the orchestra program is open to any student who is able to play a string instrument and can successfully pass an audition by the director or is recommended to participate by the director. Musicians in the orchestra are afforded many opportunities to perform that include concerts, PMEA sponsored events, field trips and quartets. Winds, brass and percussion members are selected by the music staff for the full orchestra at concerts. Emphasis on individual improvement, ensemble playing, technique, and the study of music from all periods is stressed. **ATTENDANCE AT ALL PERFORMANCES IS REQUIRED.**

**7895 Advanced Placement Music Theory**

Grade Level: 11-12

Credit: 1.0

*Prerequisite: Music Theory, Teacher Recommendation*

This course is designed for the student interested in pursuing music as a field of study in college. The class will expand upon fundamentals presented in Music Theory and will involve part-writing, composition, harmonic analysis, sight singing, and performance of various styles of music.

## VISUAL ARTS COURSES

### VISUAL ARTS COURSE SEQUENCE GUIDE

<u>Grade</u>	<u>Course</u>	<u>Credit</u>
9-12	Fine Arts Foundations	0.5
9-12	Drawing I	0.5
10-12	Drawing II	0.5
11-12	Drawing III	0.5
9-12	Painting I	0.5
10-12	Painting II	0.5
9-12	3D Design I	0.5
10-12	3D Design II	0.5
10-12	Illustration	0.5
11-12	AP Studio Art: <i>Drawing</i>	1.0
11-12	AP Studio Art: <i>2D Design</i>	1.0
11-12	AP Studio Art: <i>3D Design</i>	1.0
10-12	AP Art History	1.0

#### **8000 Fine Arts Foundations**

Grade Level: 9-12

Credit 0.5

Fine Arts Foundations is an introductory visual arts course which must be successfully completed before other art courses can be selected. It is a comprehensive visual arts course which includes experiences in art production and art history. Projects cover a wide range of art concepts and media exploring the elements and principles of design, depth, and color theory. Art criticism, aesthetics, composition, and design are essential components of the class. ***This is an introductory course, and may be taken by anyone regardless of his or her ability or experience in the visual arts.***

#### **8010 Drawing**

Grade Level: 9-12

Credit 0.5

*Prerequisite: Successful completion of Fine Arts Foundations*

Creativity and originality are emphasized through various two-dimensional media as advanced techniques are introduced, demonstrated, and practiced. Class assignments are geared toward achieving quality works of art that express student individuality and increased skill with media. There is a wide range of media explored including pencil, pastel, charcoal, various paint media, colored pencil, and ink. In addition to major projects, a sketchbook is maintained to encourage independent exploration of drawing techniques and unique subject matter.

**8015 Drawing II**

Grade Level: 10-12

Credit 0.5

*Prerequisites: Grades 10-12; Successful completion of Fine Arts Foundations and Drawing I.*

This course is designed for the advanced art student who has a sincere interest in advancing visual arts skills and developing a unique individual style. Inspiration for some assignments will come from historical art periods and styles of working which may include methods of applying media and forming independent judgments regarding subject matter. As in Drawing I, maintaining regular use of a sketchbook is a portion of the course load.

**8017 Drawing III**

Grade level: 11-12

Credit: 0.5

*Prerequisites: Successful completion of Foundations of Art, Drawing I, and Drawing II, or permission from the instructor. (For scheduling purposes, students electing this course may be placed in an art section/course that would be taught simultaneously.)*

This course is designed for the advanced art student who has sincere interest and passion for continuing in the creation of visual arts in a variety of two-dimensional art forms. Assignments are geared toward the development of the students' individual strengths and insights into the application of different artistic media as a means of production, aesthetic pursuit, and creative outlet. A portfolio of studio art work forms the basis of assessment. This course is designed to give students the freedom to create in a less restrictive setting, while implementing the design aspects, processes, and aesthetic knowledge gained in prior courses to develop individual, unique artists with a vision and passion for creating.

**8020 Painting I**

Grade Level: 9-12

Credit 0.5

*Prerequisite: Successful completion of Fine Arts Foundations.*

This course examines the fundamentals of the craft of painting. Basic painting techniques and painting materials are introduced and demonstrated, and then they are explored through a variety of assignments. Color theory and color chemistry are practiced using a variety of painting media including watercolor, tempera, acrylic, and oil. A wide array of subject matter is explored including still life, landscapes, portraiture, and abstractions.

**8025 Painting II**

Grade Level: 10-12

Credit 0.5

*Prerequisites: Grades 10-12; successful completion of Fine Arts Foundations, Drawing I, and Painting I.*

With basic painting techniques and color theory knowledge previously acquired through the Painting I course, students in this course will now work with various painting media to further develop painting skills and techniques. Assignments will be flexible to allow individual creative expression, but structured in such a way that the students' technical skill will continue to develop as each painting is completed. Painters from historical periods and styles will also be studied and researched to help students understand the impact of the painted visual image in past societies as well as today's.

**8027 Painting III**

Grade level: 11-12

Credit: 0.5

*Prerequisites: Successful completion of Foundations of Art, Painting I, Painting II, or permission from the instructor. (For scheduling purposes, students electing this course may be placed in an art section or course that would be taught simultaneously.)*

This course is designed for the advanced art student who has sincere interest and passion for continuing in the creation of visual arts utilizing paint as the primary media of exploration. Assignments are geared toward the development of the students' individual strengths and insights into the application of different paint media (tempera, acrylic, watercolor, oil, etc.) as a means of production, aesthetic pursuit, and creative outlet. A portfolio of studio art work forms the basis of assessment. This course is designed to give students the freedom to create in a less restrictive setting, while implementing the design aspects, processes, and aesthetic knowledge gained in prior courses to develop individual, unique artists with a vision and passion for creating.

**8030 3D Design**

Grade Level: 9-12

Credit 0.5

*Prerequisite: Successful completion of Fine Arts Foundations.*

This course concentrates on the design element, form, and its importance to functional and non-functional three dimensional art. The third dimension, depth, is an important factor in all the projects done in this class. 3D design media includes paper, cardboard, and clay, wire, and various other materials.

**8035 3D Design II**

Grade Level: 10-12

Credit 0.5

*Prerequisites: Grades 10-12; successful completion of Fine Arts Foundations and 3D Design I.*

This course is a continuation of the concepts and media explored in 3D Design I, with further emphasis on creative output and criticism. Projects should increase in complexity, rigor, and craftsmanship. Students will be encouraged to pursue a concentration of study and production to build a portfolio of work.

**8050 Illustration**

Grade Level: 10-12

Credit 0.5

*Prerequisites: Grades 10-12; successful completion of Fine Arts Foundations and Drawing I.*

Illustration students will incorporate individual student creativity in expressing ideas, stories through pictures, and character development. Possible themes could include storyboards, fashion illustration, video game character design, and illustrating prose.

**8032 AP Studio Art: Drawing**

Grade Level: 11-12

Credit 1.0 (*full year course*)*Prerequisites: Grade 11-12, minimum "B" average in all Art courses taken, submission of a portfolio of artwork in May of the year prior to requesting the course, and Teacher Recommendation.**Further prerequisites: Fine Arts Foundations, Drawing I, Painting I, and ONE ADDITIONAL ART ELECTIVE.*

*NOTE: This course can be repeated, as it relies heavily on contemporary art trends, issues and individual interests of student body enrolled in course.*

Advanced Placement Studio Art enables highly motivated and talented art students to pursue college level credit while still in high school. The main goal of each student will be to complete a portfolio, which is submitted to the College Board (Educational Testing Services) in digital format in May for college credit evaluation. Students may submit a Drawing portfolio, which includes drawings, paintings, and other mark-making media. There are three main sections to complete: quality, breadth, and concentration. The Drawing portfolio requires submission of five actual works for quality, while the 12 images of the concentration and 12 images of the breadth assignments will be submitted digitally. Students should have a high level of commitment since it will be necessary to complete many assignments outside of the classroom. The evaluation fee for this course must be paid by winter break. For further information, visit the National College Board website.

**8036 AP Studio Art: 2D Design**

Grade Level: 11-12

Credit 1.0 (full year course)

*Prerequisites: Grade 11-12, minimum “3.0” average in all Art courses taken, submission of a portfolio of artwork in May of the year prior to requesting the course, and teacher recommendation.*

*Further prerequisites: Fine Arts Foundations, 2D Design I/II.*

*NOTE: This course can be repeated, as it relies heavily on contemporary art trends, issues and individual interests of student body enrolled in course.*

This course explores various media, concepts and ideas which assist in the development of an artist’s aesthetic voice. Investigating contextual perspectives of visual art and culture through outside assignments are required. This course involves purposeful decision-making about using the elements and principles of art in an integrative way. A variety of 2D media including, but not limited to, graphic design, typography, digital imaging, photography, collage, textile design, weaving, illustration, painting, printmaking, etc. may be included in this course. This course is designed to assist students in preparing a portfolio or body of work equivalent to that of a college level studio art course for submission to The College Board. A minimum of 29 works will be completed as required for AP Portfolio submission. AP guidelines require that 1-2 pieces of artwork be completed per week, therefore students in this course must be committed to working outside the classroom and meeting strict deadlines.

**8048 AP Studio Art: 3D Design**

Grade Level: 12

Credit 1.0 (full year course)

*Prerequisites: Grade 11-12, minimum “3.0” average in all art courses taken, submission of a portfolio of artwork in May of the year prior to requesting the course, and teacher recommendation.*

*Further prerequisites: Fine Arts Foundations, 3D Design I/II.*

*NOTE: This course can be repeated, as it relies heavily on contemporary art trends, issues and individual interests of student body enrolled in course.*

AP Studio: 3D Design is intended to address a broad interpretation of sculptural issues in depth and space. Such elements and concepts may be articulated through additive, subtractive and/or fabrication processes. Examples of approaches include: traditional sculpture, architectural models, ceramics, and three-dimensional fibers and metals, among others. This course is designed to assist students in preparing a portfolio or body of work equivalent to that of a college level studio art course for submission to The College Board. A minimum of 20 works will be completed as required for AP Portfolio submission. AP guidelines require that 1-2 pieces of artwork be completed per week, therefore students in this course must be committed to working outside the classroom and meeting strict deadlines.

*Please note: Courses cannot be taken simultaneously with a required prerequisite.*

**8033 AP Art History**

Grade Level: 10-12

Credit 1.0 (full year course)

AP Art History is designed to provide an understanding and working knowledge of a wide variety of art forms (painting, sculpture, architecture and more) within diverse historical and cultural contexts. Students will examine and provide critical analysis of major forms of artistic expression from the past and present from a variety of cultures. Additionally, the course emphasizes understanding works in context, considering issues such as gender, patronage and the functions and effects of works of art. This course is specifically designed to meet the requirements The College Board has established for AP Art History. There are no pre-requisites for this course.

## **Student Reimbursement for Cost of Class**

### **Project (Based Upon Policy #6161.2)**

Students are to receive a sufficient quantity of materials which are considered necessary for successfully meeting the requirements of the educational program. However, high school students participating in Technology Education, Family and Consumer Science, Art Classes, etc. who receive school supplies in excess of that which is required in the instructional program should reimburse the school district on a fair, reasonable, and equitable basis. Students may also be encouraged to purchase their own supplies required for their special projects.

For example, art students using canvas and framing supplied by the school district that are beyond the requirements of the art class are expected to reimburse the school.

Where, in the opinion of the classroom teacher, the special interest or skill of the student suggests that the student be permitted to work on a project beyond the basic requirements, and where the student or his/her family is unable to provide the additional supplies, the principal may approve to furnish such materials to the student.

In all cases where applicable, student charges should be determined by the classroom teacher and payment made directly to the principal's office in accordance with Administrative Procedure #5135. Receipts must be given to students for all collections.

In conclusion, it is understood that the school district is responsible to furnish only the supplies and materials necessary for all instructional programs. This policy applies to materials and supplies in excess of the required program and which, in all cases, will remain the property of the student.

## **TECHNOLOGY EDUCATION COURSES**

The Technology Education Program is designed to assist students in developing an understanding of industry and technology through both hands-on learning activities and related instruction. Coursework is focused on the development of basic skills sets which will provide the student with the foundation needed to pursue advanced studies at the post-secondary level.

### **8100 Technology Education I**

Grade Level: 9-12

Credit: 0.5

This course is an introduction to the basic technical components of communications, manufacturing, construction, transportation, and biotechnology. Safety and the proper use of tools and machinery will be emphasized.

### **8110 Technology Education II – Materials and Process**

Grade Level: 10-12

Credit: 0.5

*Prerequisite: Technology Education I*

The students will explore a variety of materials and processes utilized in past and present methodologies in technology. Areas for possible exploration are: video production, photography, desktop publishing, linoleum and block printing, electronics, ceramics, invention, and innovation. The primary focus of the course is in hands-on lab activities.

### **8180 Drafting and Design I**

Grade Level: 9-12

Credit: 0.5

This course is an introduction to drafting and design, including a basic understanding of the uses and purposes of mechanical drawing in industry. Class drawing exercises in geometric construction, reading a scale, and drawing fundamentals will be emphasized.

### **8190 Architecture/Drafting and Design II**

Grade Level: 10-12

Credit: 0.5

*Prerequisite: Drafting and Design I*

This course will be a continuation of Drafting and Design I with major emphasis on architectural drawing. Areas to be covered include: preliminary design and planning, drafting techniques, floor plans, elevation drawings, and other specific drawings needed to complete a full set of house plans. Computer Aided Drawing (CAD) will also be introduced to the student at this level.

### **8200 Graphic Communications I**

Grade Level: 9-12

Credit: 0.5

This course is an introduction to graphic communications. The history of writing and drawing, past and present methods of graphic design, both manually and on the computer, will be explored. The emphasis of this course will be the exploration of a variety of media and mediums utilized in graphic design.

**8300 Introduction to Information Technology**

Grade Level: 11-12

Credit: 1.0

Students are introduced to the knowledge base and technical skills that will help them to successfully compete for jobs within the Information Technology field. The course explores a range of career tracks that include network engineers, application/programming developers, and systems analysts. Lessons are structured so that students learn and then demonstrate not only critical assessment and analytic skills, but also interpersonal skills that are valued so highly among IT employers. Students will be required to participate in a practicum as an extension of this course.

## **OPTIONAL PROGRAMS**

Susquehanna Township High School offers its students a number of option programs during their junior and senior years. These options fit a wide variety of student needs and interests and should be investigated fully prior to making scheduling choices for the senior year.

All of these programs require a certain degree of independence and responsibility. The programs do not include direct supervision by high school staff members. Various staff members are, however, assigned supervisory responsibility for these programs and for each student enrolled, strict guidelines have been established for each program.

Students wishing to participate in any of the available option programs must first make application through their school counselor. After their counselor determines that the student qualifies and can be scheduled for the program, a variety of forms and contracts must be completed, including a parent permission form. In all option courses students receive grades – often pass/fail.

### **9020 Work-Study**

Grade Level: 12

Credit: Varies

*Prerequisite: Approval of counselor, transition coordinator, parents, and principal*

Eligibility for the Work-Study Program requires a student to be scheduled for a minimum of two (2) instructional class periods daily. The work-study participant must report to the employment site each assigned day he/she is in attendance in school. A student must also attend school on a given day in order to be able to attend his/her work-study job. Violation of this rule will result in dismissal from the work-study program. The student must inform the employer as to the evaluation utilized by the school in determining credit. The student must maintain a 90% school attendance record and achieve satisfactory grades in all of his/her general education subjects. Unsatisfactory attitude, whether at work or school, is reason for dismissal. The employment shall be in conformity with child labor laws, and with federal/state laws and regulations. Students between the ages of 16 and 18 years of age must complete working papers which can be acquired from the School District Administrative Office. A record of progress will be maintained in the office of the employer and monitored by the transition coordinator on a monthly basis. Cooperative employment may be discontinued by agreement between the contracting parties. A part-time student must maintain a satisfactory record of employment and must show satisfactory progress in the work assigned by the employer.

Students who are interested in this course must check with their school counselor first to confirm their eligibility to participate in the Work-Study program. Failure to comply with any of the pre-determined rules and regulations governing work-study may result in immediate dismissal from the program.

### **9021 Technical Tutors (Hanna Geeks)**

Grade Level: 10-12

Credit: Varies

*Prerequisite: Students must application and interview required*

The course provides a fundamental understanding of computers and familiarizes students with the interactions of computer hardware and software. Emphasis is on the application of computers and “hands on” use of software applications, including word processing, spreadsheet, file and database management. Students will support others through the help desk and replace certain hardware components of student laptops. Must be willing to attending additional training sessions throughout the school year.

### **9022 Student Mentor Program (Hanna Bigs)**

Grade Level: 11-12

### **9030 Cadet Teaching**

Grade Level: 12

Credit: Varies

*Prerequisite: Approval of Counselor, Teacher, and Principal (Students who are interested in pursuing careers in education, teaching, working with children, are given priority)*

Cadet teaching is an option open to seniors in good standing. This educational enrichment opportunity affords students hands-on experience working with our elementary students at Sara Lindemuth/Anna Carter Primary School. Interested students must complete an application in order to be considered for Cadet Teaching and must meet the following criteria: Senior standing, passed all courses during the 11<sup>th</sup> grade year. Space in Cadet Teaching is limited. Scheduling this course does not guarantee acceptance.

### **9033 School Board Representative**

Grade Level: 11-12

*Prerequisite: Students must have completed Civics and Government. Students must also complete application and interview.*

This educational enrichment opportunity affords students hands-on experience working with our school board members and administrators on district related task. Interested students must be in good academic standing and have completed an application in order to be considered. Scheduling this course does not guarantee acceptance.

### **9080 Early Graduation**

Grade Level: 12

*Prerequisite: Completion of an application for Early Graduation and the permission of Parent, Counselor, and Principal by June 1<sup>st</sup> of the 11<sup>th</sup> grade school year.*

Early graduation is an option for students who wish to accelerate their graduation from high school. Students who wish to consider this option should check with their counselor to determine whether they are eligible. Students may participate in the prom and in the June commencement ceremony.

The administration and the Board will accept the modification of the four-year attendance requirement for high school graduation to permit students to leave high school in less than four years provided they satisfactorily complete the requirements for graduation as set forth by the State Board of Education of Pennsylvania and the Susquehanna Township School District.

Students who have achieved sufficient credits may be graduated after the first semester of the senior year and will receive their diplomas at the annual spring commencement exercises. Students must complete an application for early graduation by June 1 of their 11<sup>th</sup> grade year with their counselor.

All early graduates must complete their senior project by December 15 of the year before they graduate. Early graduates need to also successfully complete all coursework during Semester 1 of their senior year.

*Please note – early graduates may not participate in spring sports in the year of their graduation. It is recommended that students registering with the NCAA who are considering early graduation may want to contact NCAA directly to determine whether their proposed early graduation status could impact their eligibility for scholarship consideration.*

### **9090 Student School Board Representative**

Grade Level: 11-12

Credit: .25

*Attendance at all Public School Board Meetings is required.*

The Susquehanna Township Board of School Directors recognizes the educational value of involving students in the decision making process in a democratic society. The Board accepts two Student Representatives to the Board of Education to establish a communication between itself and the student body and to provide an opportunity for students to present their viewpoints and concerns (Policy #5211).

Interested sophomores should nominate themselves by completing an application (which includes an opportunity for them to state their reasons for wanting to become student board members). A committee of board members, administrators, and faculty members will review the applications. A school-wide election will be conducted by the student council. The term of office will commence May 1 following the election, and terminate April 30 of the following year. The junior will automatically become the senior representative the next year.

## **9110 Student Representative for the Hanna Education Foundation**

Grade Level: 11-12

Credit: .25

*Attendance at monthly Board Meetings and participation in Committee & Program activities is required.*

*Prerequisite: Screening by School District Representative and Hanna Education Foundation Trustees*

The trustees of the Hanna Education Foundation value the input and the participation of student representatives on the board. The board accepts two to four students to participate and support board activities. Each year the board will select two, incoming juniors to join the board based on administration and guidance department recommendations, chosen candidates may be interviewed by foundation board members. Junior representatives automatically become the senior representatives, and the seniors are considered voting members of the board.

Student representatives are expected to attend a monthly meeting and support discussion and planning activities. Student representatives will serve on a student committee led by the senior representatives in order to plan and coordinate foundation activities and participate in foundation events. Student representatives are also encouraged to pursue individual service areas that may contribute to the foundation and the students of our school district.

Student representatives will be selected in the spring of each year and will be introduced to the board during the June meeting. The term of office will be monitored and supported by the School District Administrator serving on the Board

## SPECIALIZED PROGRAMS

### DISTINGUISHED SCHOLARS PROGRAM

#### **A comprehensive high school program of study for academically talented students**

The Susquehanna Township High School Distinguished Scholars Program provides the curriculum, instruction, and counseling necessary to meet the needs of academically talented students in grades 11 and 12. It extends and enriches the education of the student by offering a comprehensive and advanced program of study in English, mathematics, science, social studies, world languages, and the fine arts. By bringing together exceptional students, exceptional staff, and a rigorous curriculum, the Scholars Program provides an added degree of preparation for a college education.

#### **Criteria**

The criteria for student eligibility in the Scholars Program will be a past performance of high academic achievement, evidence of maturity and self-motivation, and a student interest in the pursuit of academic excellence. Candidates who choose to participate in this program with the intent of earning the Distinguished Scholars Diploma must successfully complete (maintain a 78% average or better in each course) a minimum of nine (9) units of credit.

Accounting II	Editor-in-Chief Yearbook	Spanish IV Honors
Algebra III/Trigonometry	French III Honors	Trigonometry/Pre-Calculus
Anatomy and Physiology	French IV Honors	Honors English 12
Any AP Course	Honors English 11	HACC Dual Enrollment
Honors Organic Chemistry	Honors U.S. History	
Differential Equations	Linear Algebra	
Editor-in-Chief Journalism	Spanish III Honors	

Accredited college courses taken during academic junior/senior year which the student received a minimum of a 2.0 or better are eligible for consideration for the Distinguished Scholars Diploma.

Diploma candidates may participate in a cross section of all disciplines listed or they may select a concentration of courses in only those disciplines in which they have ability and interest. Also, this plan encourages qualified students to select courses on an individual basis, with or without the intent of earning a Scholars Diploma.

#### **Recognition**

A Distinguished Scholars Diploma will be granted to all students who have met the nine-unit minimum requirements of this program in addition to the present graduation requirements established by the school district. Additionally, the student's transcript will emphasize the high degree of academic excellence pursued and college placement references will note the student's participation in the Distinguished Scholars Program. The building principal will make final judgments on all exceptions.

## DAUPHIN COUNTY TECHNICAL SCHOOL PROGRAM

The Dauphin County Career and Technical School (DCTS) provides interested students with specialized training and a better opportunity to enter the job market immediately following graduation. The program is specifically designed for career-technical instruction. However, many students choose to continue their education or training upon graduation at another institution of post-secondary study and enter diploma, Associate's or Bachelor's degree programs. The cooperative education office at DCTS sees job placements as one of its major areas of responsibility.

The technical school has added a ninth-grade exploratory program. The purpose of the program is to assist freshmen in career decision making and in choosing an appropriate vocational program. Each student will choose their vocational program by the end of the first semester. Please visit [www.dcts.org](http://www.dcts.org).

The following criteria must be met in order to be accepted to the career-technical school:

1. The student must submit an application by the posted application deadline. Applications are available in the counseling office.
2. The student must have a satisfactory health record and be able to demonstrate a history of good school attendance and favorable academic and behavioral histories.
3. The student's record must be evaluated by the principal and counselors at DCTS prior to acceptance.

Students enrolled in the technical school who wish to return to their high school must submit their intent no later than the second week of July for re-admittance the following school year. Once a term has started, no student will be permitted to make this change, with the exception of the first-year student who has the option to return after the end of a quarter, at the discretion of DCTS. The following are programs offerings at DCTS:

Automotive	Technology	Graphic Arts
Building Construction	Technology	Health Careers
Carpentry		Heating, Ventilation, & Air Conditioning
Collision & Refinishing	Technology	Horticulture
Commercial	Art	Information Systems Technology
	Cosmetology	Marketing
Culinary	Arts	Masonry
Dental	Assistant	Medical Assistant
Diesel	Technology	Police Science/Criminal Justice
Drafting & Design	Technology	Precision Machining Technology
Electrical Construction & Maintenance		Small Engine Equipment Technology
Electronics	Technology	Veterinary Assistant
		Web Development & Design

**PLEASE NOTE:** Students attending DCTS are invited to participate in all sports and extracurricular activities offered at the home high school (STHS).

### 11<sup>th</sup> and 12<sup>th</sup> Grade Enrollment Option

DCTS is offering a new enrollment option for 11<sup>th</sup> and 12<sup>th</sup> grade students. 11<sup>th</sup> and 12<sup>th</sup> grade students from Dauphin County school districts may enroll in any DCTS technical program on a half-day basis. This option may be of interest to seniors who have completed the majority of their academic requirements and want to gain an advantage over their fellow graduates by learning technical skills related to their chosen post-secondary field of study prior to graduation from high school.

## **STHS SCHOOL OF THE ARTS**

Susquehanna Township School District's School of the Arts (SOA) is a forward-thinking, individualized arts magnet program for students interested in the fields of fashion design, performing arts and visual arts. Highly competitive and selective, the SOA program instills a work ethic and commitment to the arts that provides students with authentic, real-world experiences while still in high school. Enrollment in the program is based on successful completion of application materials, a personal interview and portfolio review (visual arts). Applications are available on the STHS website or in the HS guidance office. Once completed applications are reviewed, eligible students will be interviewed and samples of their work will be assessed (visual arts) before they are accepted into the program.

### **VISUAL ARTS PROGRAM**

The visual arts strand of the SOA program is an Honors/Advanced Placement course of study for those students seriously considering collegiate studies in the visual arts. Enrollment in coursework is contingent upon acceptance into the School of the Arts (SOA). In addition to immersive, specialized instruction, visual arts students actively participate in regular visits to galleries, museums, National Portfolio Day events, and regularly submit works to the Scholastic Art & Writing Awards, community-based art exhibits and competitions. Additionally, as part of the overall experience, the visual arts program plays host to guest speakers, art college representatives and artists-in-residence.

#### **Portfolio Submission for SOA Visual Arts Applicants:**

Applicants are required to show a physical portfolio (*5-8 samples of a student's most recent and strongest work*) representing the breadth of a student's experience and creative ability to date. In addition, students may share sketchbooks and photographs of three-dimensional work if applicable.

An ideal portfolio should include multiple drawings from life, paintings and can include photographs. An ideal portfolio shows variety in subject matter, style and exploration of techniques. In drawing, students are expected to have portraits, figures (*both gestural and more finalized illustrations*), landscapes, still life, perspective and more. Drawing media could include charcoal, graphite, chalk, pen, ink, pastels, etc. Sketchbooks should show development and practice over time, as well as emergence of themes.

All portfolios will be assessed for quality (craftsmanship), breadth and artistic potential. Students will be interviewed to clarify experiences, identify current interest(s) and discuss artistic goals and how the School of the Arts (SOA) program may support their future plans.

### **Visual Arts Curriculum Overview**

<b>Year I</b>	<b>Year II</b>	<b>Year III</b>	<b>Year IV</b>
Drawing & Composition	Drawing II	Drawing III/AP	2D Art II/AP
2D Art I	Painting I	Painting II	3D Art II/AP
	3D Art I	Mixed Media Studies	Senior Portfolio

## YEAR I

### **8030 Drawing & Composition**

Grade Level: 9-12

Credit 1.0

*This course is a recommended prerequisite for Drawing II and Drawing III/AP.*

Drawing & Composition is designed to hone advanced drawing skills. In this course, students will strengthen their observational skills and ability to create the illusion of a three-dimensional world on a two-dimensional surface. A goal of this course is to create strong compositions by effectively using the elements of art and principles of design. Topics covered include: still life, landscape, figure drawing, abstraction, along with problems in one- and two-point perspective.

### **8035 2D Art I**

Grade Level: 9-12

Credit 1.0

*This course is a recommended prerequisite for Painting I and 2D Art II/AP.*

The purpose of this course is to provide experience in artistic expression of ideas through two-dimensional art media. Included in the course will be the production of and critiquing of ideas/images using the elements of art and principles of design; expressive ideas in both wet and dry media, photography, as well as other, two-dimensional art. In this course, students develop and refine skills, self-expression and knowledge in a variety of selected media and areas of content.

## YEAR II

### **8031 Drawing II**

Grade Level: 10-12

Credit 1.0

*Prerequisite: Drawing & Composition*

Drawing II will expose students to the fundamentals of drawing from observation. “Seeing” and recording accurately – through repeated exercises in drawing objects, environments, and the human form – are heavily stressed. Emphasis will be placed on the process of giving form to ideas and the exploration of composition and media as a means of expression. Drawing from life will be a major component of this course.

### **8049 Painting I**

Grade Level: 10-12

Credit 1.0

*Prerequisite: 2D Art I*

In this course, students will have the opportunity to explore a variety of painting materials and techniques, including tempera, acrylic, watercolor and oils. Much emphasis is placed on how to see, interpret and accurately record color in successful combinations depicting form and space within the picture plane. In this course, students will become knowledgeable about and encouraged to use a variety of color schemes and display understanding of the visual impact limited palettes have on viewers. Students are provided with opportunities and encouraged to paint from direct observation and references.

### **8047 Three Dimensional Art I**

Grade Level: 10-12

Credit 1.0

This course deals with the fundamental elements of design and the design process as they apply to the ordering of actual space. A variety of media will be explored, and can include: textiles, ceramics, paper Mache’, wire, wood, plaster, found/recycled/repurposed objects and more. Students will participate in a wide range of experiences using additive or subtractive sculptural techniques designed to build artistic and creative confidence.

## YEAR III

### **8032 Drawing III: AP Studio Art**

Grade Level: 11-12

Credit 1.0

*Prerequisites: Drawing & Composition/Drawing II*

This course is designed to enrich and enhance the study of art and practical application of principles in the studio setting. Students will explore a variety of concepts, develop ideas and demonstrate mastery of: medium, techniques, goal setting and visual problem-solving. For this course, students are required to submit a written proposal in order to investigate and develop a body of work concentrating on a strong visual idea. This course is designed to assist students in preparing a portfolio or body of work equivalent to that of a college level studio art course for submission to The College Board. A minimum of 24 works will be completed as required for AP Portfolio submission. AP guidelines require that 1-2 pieces of artwork be completed per week, therefore students in this course must be committed to working outside the classroom and meeting strict deadlines.

### **8050 Painting II**

Grade Level: 11-12

Credit 1.0

*Prerequisite: Painting I*

This course provides a forum for continued development of drawing, painting and two-dimensional media skills. Research in art history, critical analysis and aesthetics are explored through art materials and processes. This course is designed for student painters interested in refining and strengthening their painting skills. Exposure to advanced painting techniques as well as experimental approaches to painting will be encouraged. Students will explore a variety of concepts, develop ideas and demonstrate competence with media, techniques, goal setting, critical thinking and problem-solving. In addition, students will develop a body of work concentrating on a strong visual idea – works that can be incorporated into their student portfolios. A strong understanding of basic art concepts is necessary to produce the caliber of work expected in this course.

### **8050 Mixed Media Studies**

Grade Level: 11-12

Credit 1.0

In Mixed Media Studies, students will learn how to use multiple media in order to create a work of art. Students will explore both traditional and non-traditional approaches to using a variety of media including printmaking, collage, mosaic, fibers, paper, metals, plastic, sculpture, two-dimensional design and a variety of found objects. Students will be required to complete works of art that will help build on their understanding of good design and composition. Mixed Media Studies will provide a unique forum to explore a wide range of art media.

## YEAR IV

### **8036 2D Art II: AP Studio Art**

Grade 12

Credit 1.0

*Prerequisite: 2D Art I; Drawing & Composition; Drawing II*

This course explores various media, concepts and ideas which assist in the development of an artist's aesthetic voice. Investigating contextual perspectives of visual art and culture through outside assignments are required. This course involves purposeful decision-making about using the elements and principles of art in an integrative way. A variety of 2D media including, but not limited to, graphic design, typography, digital imaging, photography, collage, textile design, weaving, illustration, painting, printmaking, etc. may be included in this course. This course is designed to assist students in preparing a portfolio or body of work equivalent to that of a college level studio art course for submission to The College Board. A minimum of 29 works will be completed as required for AP Portfolio submission. AP guidelines require that 1-2 pieces of artwork be completed per week, therefore students in this course must be committed to working outside the classroom and meeting strict deadlines.

**8048 3D Art II: AP Studio Art**

Grade 12

Credit 1.0

*Prerequisite: Three-Dimensional Art I*

Three-Dimensional Art II: AP is intended to address a broad interpretation of sculptural issues in depth and space. Such elements and concepts may be articulated through additive, subtractive and/or fabrication processes. Examples of approaches include: traditional sculpture, architectural models, ceramics, and three-dimensional fibers and metals, among others. This course is designed to assist students in preparing a portfolio or body of work equivalent to that of a college level studio art course for submission to The College Board. A minimum of 20 works will be completed as required for AP Portfolio submission. AP guidelines require that 1-2 pieces of artwork be completed per week, therefore students in this course must be committed to working outside the classroom and meeting strict deadlines.

**8026 Senior Portfolio Concentration**

Grade Level: 12

Credit 1.0

In this capstone course, students will complete and refine work that will be incorporated into their student portfolio. Students will fine tune their visual arts career goals and create a body of work that will help gain entrance into a collegiate art program upon graduation. The student and instructor will work collaboratively to plan projects that specifically meet the student's needs/interests. Students will be expected to work on assignments outside of class, keep a sketchbook, research ideas and discuss their work, ideas and inspiration – as well as the work of their peers and master artists. Topics for this course include: submission of work for gallery/museum shows, marketing/promotional strategies for their artwork, networking; artist websites/e-portfolios, and much more. Students are encouraged to submit art entries for exhibition opportunities in their community, which helps in establishing a professional artist resume which includes exhibits and potential awards.

**FASHION DESIGN PROGRAM**

The Fashion Design strand of the Susquehanna Township High School's School of the Arts (SOA) is a four-year comprehensive course of study which begins with fundamental professional skills and advances step-by-step to the most technical and artistic methods employed by designers and technicians in all areas of the fashion industry. The course of study will prepare students for an entry-level job and post-secondary education fashion programs. Students will participate in programmed fashion displays requiring articulation of their products as well as attend a National Portfolio Day event, museum trips, and upperclassman college visits.

To gain acceptance into the Fashion Design program students must submit an application including:

- An essay
- Two (2) letters of recommendation
- Interview

A committee will then accept the most qualified candidates into the program.

**Entry Level Courses:**

During the first year, students will explore the concept of draping, which shows the ways that fabrics flow on body forms. By doing so, students begin to learn the various compositions of a variety of fabrics (i.e. silks, cottons, wools, etc.). Students will also learn how to cut and assemble material using both student-made and commercial patterns. Drawing exercises specific to fashion design (gestures, landscape, fabric draping, fashion sketches, portraits, etc.) will be explored. First year study includes instruction in the proper use of commercial and industrial-grade sewing machines, as well as the uses of other standard tools of the fashion design trade. Students will participate in the production of seasonal fashion shows including inventorying, coordinating models, presentation sequence, assigning inventory to models, timing, and stage crew responsibilities.

## Intermediate Level Courses:

In the second year, students continue to build on previously learned skills, along with continued instruction in drawing portrait and fashion illustrations for seasonal collections. Students will produce finished garments based off of these drawings. Students will use more advanced machinery and higher quality fabrics. Second year students will produce lined garments and fashion show-quality garments.

## Advanced Level Courses:

In advanced level courses students will create gala/red carpet styled pieces, street wear, high-end garments of marketable quality, and theatrical wearable pieces. Students are introduced to photography as it applies to the fashion design industry. Students begin to prepare student portfolios with works produced in previous years as they prepare for post-secondary fashion studies. Third year students will take the SAT and ACT exams, and conduct college visits.

The final year of the fashion design strand culminates with students completing their fashion design portfolio and designing a personal brand. Students continue to create finished garments based off of their own drawings and designs. Complexity and craftsmanship are stressed at the highest level as they prepare for senior-level fashion runway shows in marking periods two and four. Senior-level students submit works to the Scholastic Art & Writing Awards.

## PERFORMING ARTS PROGRAM

The Performing Arts strand of the SOA program is a course of study for those students considering college majors or careers in the performing arts/theatre and film fields. Enrollment in coursework is contingent upon acceptance into the School of the Arts (SOA).

### Performing Arts Curriculum Path

Entry Level Course	Intermediate/Advanced Level Courses
Performance Studies I: Fundamentals of Acting, Movement, and Voice	Performance Studies II-III-IV: Production Focus & Advanced Study of Acting, Movement and Voice, and Audition techniques
Performing Arts Profession I: Fundamentals of the Performing Arts Business World & Technical Theatre	Performing Arts Profession II-III-IV: Production Focus, Portfolio Development, Advanced Technical Theatre & Performing Arts Business Strategies

### 8080 Performance Studies I: Fundamental of Acting, Movement, and Voice

Grade Level: 9-12

Credit: 1.0

This year long focus on acting, movement and voice and will explore numerous styles and perspectives in an effort to train actors who are ready for all sorts of stylistic challenges and can be employed in any capacity. Students will work on developing several contrasting monologue pieces. Scene work in duos and small groups will explore the foundational acting philosophies of Constantin Stanislavski (the “father of modern acting”), Sanford Meisner, Eric Morris, Michael Chekov, and more. Students will receive additional training in classical and verse acting, acting for film and television, improvisation and comic timing, and commercial acting. Guest artists will be utilized to lead seminars on various acting styles. Voice and speech approaches emphasize the work of several leading practitioners in the field. Movement explorations include solo and group work focused on foundational skill development in classical movement forms, Pilates, Yoga and meditation techniques. Emphasis will be placed on focused breathing, projection, enunciation, pacing, and inflection. Students will develop solo and group performance pieces that will ultimately be shared in classroom showcase performances (along with voice and movement work) throughout the year, approximately once per marking period.

### **Performance Studies (PS) II-III-IV: Production Focus**

**8081 (PS II)**

**80814 (PS III)**

**808015 (PS IV)**

Grade Level: 10-12

Credit: 1.0

This yearlong focus on acting will explore numerous styles and perspectives in a production-based, professionally-focused effort to train actors who are ready for all sorts of stylistic challenges and can be employed in any capacity. Students will work on developing additional pieces for their audition portfolios. Students will engage in diverse styles of acting to suit a diverse array of productions, including but not limited to teacher-led and student-led work in the areas of: storytelling, creative dramatics, choral performance, verse drama, classical acting, stand-up comedy, improvisation, acting for film / TV, and more. Movement and voice explorations include production-specific work focused on further skill development in classical movement forms, choral / mask movement and staging, creative dramatics and storytelling through movement, stage combat, and more. Students will develop fully rendered staged productions that will be shared in diverse performance settings for the public throughout the year, approximately once per marking period.

### **Performing Arts Profession (PAP) I: Fundamentals of Technical Theatre**

**8084 (PAP I)**

Grade Level: 9-12

Credit: 1.0

The performing arts world encompasses so much more than just the performing artists, and our training is designed to emphasize all aspects of skill development for a career in the performing arts. Our work here will explore not only the development of career portfolios for performing artists (resumes and audition materials), but also other careers in the performing arts. Students will explore non-performing careers such as: direction (for film, television, and theatre); design (lighting, sound, costume, scenic, and props); marketing (logo and PR design, campaign development in traditional and new media); management (producing, financial management and budgeting, house and box office management); development (fundraising through donations, grants, sponsorships, and event planning); and more. Students will explore an overview of theatre and performing arts history to get a sense for how traditions have evolved and changed over time, including the development of performing spaces and performing arts technology. Students will explore fundamental skills in digital video and filmmaking (screenwriting, shot composition, lighting for film/video, sound recording, digital editing, etc.) and theatrical design (lighting, sound, costume, scenic, and props).

### **Performing Arts Profession (PAP) II-III-IV: Production Focus**

**8085 (PAP II)**

**80844 (PAP III)**

**80842 (PAP IV)**

Grade Level: 10-12

Credit: 1.0

This program will represent a hands-on, pragmatic, production-specific focus. Students enrolled in this program will be responsible for almost all aspects of their classroom workshop productions, from scenic and lighting design to costuming and marketing the shows and more. Students will explore non-performing careers in production-specific ways, such as: directing and assistant directing (for film, television, and theatre); designing (lighting, sound, costume, scenic, and props); marketing (logo and PR design, campaign development in traditional and new media); managing (producing, financial management and budgeting, house and box office management); development (hands-on fundraising in a student-friendly context); and more. Students will continue to explore an overview of theatre and performing arts history to get a sense for how traditions have evolved and changed over time, including the development of performing spaces and performing arts technology. Students receive production-specific coaching in skill areas such as: digital video and filmmaking (screenwriting, shot composition, lighting for film/video, sound recording, digital editing, etc.) and theatrical design (lighting, sound, costume, scenic, and props). Students in this course are required to participate in the quarterly showcases.