# Program of Studies Homer-Center Sr. High School Grades 9-12 Official 2022-2023



# "Where Everybody is Somebody"

# **Table of Contents**

Science	7
Mathematics	9
English Language Arts Reading (ELAR)	13
Media Communications	16
Social Studies	158
Fine Arts	20
Health and Physical Education	181
Business	23
Project Lead the Way (PLTW) & Technology	24
Family Consumer Sciences	25
Modern Language	26
Supplemental Courses	27
Indiana County Technology Center	Error! Bookmark not defined.8

#### **CHOOSING YOUR PROGRAM OF STUDIES**

Your decision as to which course of study you choose will be based upon what is best for you according to your educational and occupational goals. Careful planning is the basic requisite of any successful undertaking.

The electives offered in all courses are subject to the availability of scheduling periods. The Guidance Department makes every effort to see that programming is correct. HOWEVER, IT IS THE RESPONSIBILITY OF EACH STUDENT TO SEE THAT THE QUALITY OF HIS WORK IS ACCEPTABLE AND THAT HIS CREDITS TOTAL THE REQUIREMENTS FOR GRADUATION.

The Homer-Center School District does not discriminate in course selection on the basis of race, color, religion, national origin, or sex; nor does it discriminate against the handicapped in violation of Section 504 of the Rehabilitation Act of 1973 and its regulations. Mr. Curt Whitesel is the Title 9 Coordinator for the Homer-Center School District.

*Important Note:* The course offerings found in this book are subject to change based on the master scheduling process and lack of student requests of any given course.

# COURSE OF STUDY

All courses offered at Homer-Center High School are designed to be aligned with the PA Common Core standards and the PA Academic Standards. It is expected that these standards are embedded in the design, delivery and assessment in every course.

Each college and trade school has its own unique admissions requirement. *We urge all students to become familiar with the requirements of any post-secondary school they may be considering.* The student should obtain further information concerning post-secondary admission and entrance requirements from the Career Center.

### **AP/HONORS COURSES**

Homer-Center High School provides Advanced Placement (AP) and/or Honors courses as outlined in the Program of Study. Placement in the honors program is contingent upon obtaining meeting the prerequisites as outlined in the Program of Study. All AP and Honors courses receive a 1.1 multiplier applied to the grade at the conclusion of each marking period.

#### COLLEGE IN THE CLASSROOM (CIC)

The following AP courses at Homer-Center are recognized by Mount Aloysius as College in the Classroom (CIC) courses: AP Calculus AB, AP Human Geography, AP Literature & Composition, Ap Language & Composition, AP Biology, AP United States History and AP Computer Science. To receive CIC credits from Mount Aloysius students participating in these courses must declare their intention to seek CIC in the fall and meet all Mount Aloysius registration and payment deadlines. Students can elect not to apply for CIC credit with Mount Aloysius and either take the AP Exam in the AP subject area or elect not to elect CIC credit nor take the AP exam. Students taking the AP exam are reminded to check the admissions office of postsecondary schools they may be considering to determine the AP test score required to earn postsecondary credit at each individual post-secondary institution. AP Language & Composition is eligible for CIC credit and would appear on the Mount Aloysius transcript as Special Topics: Rhetoric or students desiring credit can take the AP Exam.

# INDIANA UNIVERSITY OF PENNSYLVANIA (IUP) DUAL ENROLLMENT

- Students completing their 10th grade year that have an overall GPA of 3.0 or higher are eligible to apply for participation in the Dual Enrollment program at IUP. The summer prior to the junior year, students can attend classes on campus or online.
- During the school term, junior year, students can take classes on campus, after school hours or online classes.
- Seniors that have the flexibility in their schedule and receive prior approval from guidance can leave campus during the school day to take college courses at IUP. Seniors can also take courses on campus, after school hours or online.
- The school does not provide transportation for students in the Dual Enrollment program.

- Students electing this option receive a reduced tuition rate established by IUP. (Currently students are responsible for 25% of the tuition bill).
- Students applying for Dual Enrollment will be deemed ineligible if they have missed 15 or more days in the previous school year.
- Dual Enrollment courses will be noted on your high school transcript, however they will not be used in determining GPA and cannot be used to replace a required high school course.

# INDIANA COUNTY TECHNOLOGY CENTER (ICTC)

During the 9th grade year, all 9th grade students will participate in a tour of the ICTC. Students wishing to attend ICTC at the start of their 10th grade year must meet criteria established by the ICTC Joint Operating Committee and HCHS. The criteria considers factors that demonstrate that success at ICTC is likely and generally includes academic targets, attendance history, and availability of ICTC programs that match the interest of the individual learner. The principals and guidance counselors of ICTC and HCHS will meet annually to review and make determinations regarding student applications for ICTC.

Students with an IEP must take the vocational assessment. Any IEP student that does not meet the academic criteria for acceptance into ICTC can be considered for an academic waiver. An academic waiver will be granted if the IEP team decides the results of the vocational assessment indicate the student will likely thrive and experience success in the ICTC program. No

Once accepted into ICTC students must complete an acceptable percentage of their ICTC program competencies annually to remain enrolled. An acceptable level of competency obtainment, academic achievement and regular attendance as determined by the principals of ICTC and Homer-Center High School will be required to remain enrolled in the ICTC program.

### LEARNING SUPPORT PROGRAM

The Learning Support Program at Homer-Center High School is a needs-driven program. The individual needs of each identified student are taken into consideration and a schedule is tailored to meet these needs. The following are the levels of support offered:

- Student receives all instruction in the regular education classroom. There is no learning support staff in the classroom. The regular education teachers make adaptations as specified in Individualized Education Plans (IEP's). Opportunity for test-taking and guidance with assignments is provided in the Learning Support Resource Room.
- Student receives instruction in the regular education classroom with Learning Support staff present in the classroom. Above services are also provided.
- Student receives instruction in a pull out classroom setting that parallels the regular education classroom. Courses are instructed by qualified special education teachers.

The Learning Support Program is structured in such a way that each staff member interacts with students of all grade levels. This provides the opportunity to have a strong team approach for monitoring and programming to best meet the needs of our students. In addition, student needs are revisited yearly through the development of an Individualized Education Program for each student.

#### Life Skills Support

Homer-Center School District offers a life skills support classroom that service the needs of the students from grades 7-12. All students have the opportunity to receive instruction across various settings in both the regular education, special educational, and/or a mixture of both. Students are offered the following courses and activities: Transitioning skills, Functional academics, Community based instruction, Independent living Social skills, Jr. High Functional Reading, Sr. High Functional Reading, Sr. & Jr. High Functional Math Vocational exploration and application

Student needs are revisited yearly through the development of an Individualized Education Program for each student.

### SECONDARY GIFTED PROGRAM

The secondary gifted enrichment program's goal is to meet the specialized needs of each eligible student and to assist him/her to make maximum use of his/her abilities. The professional staff gives direction and assistance for the many programs and competitions in which the student may opt to be involved. Additionally, students who participate in the gifted program meet once per week.

Options for students in the Senior High gifted program include but are not limited to: Vocational Experience, Scholastic Competitions, Honors English, Accelerated Studies, IUP Dual Enrollment, AP Courses, History Day, and IUP Mentorship.

Students are placed in the gifted education program after a referral/evaluation procedure is completed by the psychologist from the ARIN Intermediate Unit. If the student is identified as needing gifted programming, placement is made with the consent of the parents/guardians and the various options are then available to the student.

All Gifted Students must meet the established prerequisites for acceptance in any academic course, program or competition. In addition, Gifted Students will complete an individual Annual Educational Goal activity which follows and adheres to Gifted Guidelines/Criteria as developed by the Pennsylvania Department of Education.

Students electing to take a Dual Enrollment course online and are able to schedule Independent Computer will be given the opportunity to work on their Dual Enrollment online course during this class.

### HOMER-CENTER DEPARTMENTAL GROUPS

Homer-Center High School is organized by academic departmental groupings. The Program of Studies is organized by departmental offerings. The departments include:

- Science
- Mathematics
- English/Reading
- Social Studies
- Electives/Fine Arts
- Health/Physical Education
- Special Education
- Student Services

#### **HOMER-CENTER PROMOTION POLICY**

For students to be promoted to a sophomore homeroom, a minimum of 6 credits must be completed successfully during the freshman year. These credits must be for 9th grade level classes. For students to be promoted from a sophomore to junior homeroom, a minimum of 12 credits must be successfully completed. To be promoted to a senior homeroom, a total of 18 credits must have been successfully completed.

Students in grades 9 through 12 who fail any attempted credit may recover up to two credits through a Homer-Center approved summer school program. Students electing this option must receive prior approval from the Principal.

If the failure involves a special education student, the principal will consult with a multidisciplinary team prior to determining placement status.

#### **GRADUATION REQUIREMENTS**

In order to graduate from Homer-Center High School, students must meet the Homer-Center School District requirements that are based upon the Chapter 4 regulations for Academic Standards and Assessment as established by the PA Department of Education and the Homer-Center School District. Beginning with the Class of 2023 students must meet one of the Graduation Pathways as outlined in Act 158.

**Credit Requirements:** A student must successfully complete at least 25 credits. Listed below are the required subjects and corresponding credits, which are to be successfully completed.

English	4.00 credits
Social Studies	4.00 credits
Math	4.00 credits
Science	3.00 credits
Physical Education	2.00 credits
Health/Wellness	.50 credits
Arts and Humanities	2.00 credits
Family & Consumer Science	.25 credits
At Large Electives	5.25 credits

**Completion of an IEP:** An eligible student who satisfactorily completes a special education program developed by an Individualized Education Program team shall be granted and issued a regular high school diploma by the school district. This applies if an eligible student's special education program does not otherwise meet the Homer-Center School District's graduation requirements.

**Transfer students:** Will be evaluated on an individual basis.

**ICTC seniors:** Will complete their graduation requirement as part of their ICTC program. ICTC students will be required to meet the Keystone Exam/ Graduation Pathways requirements as outlined above.

# <u>Science</u>

#### <u>Biology</u>

#### Credit Value 1.00

Biology I is a year-long class with topic alignment to the anchors and standards required for the Keystone Biology Exam. The topics include but are not limited to: Biology Principles, Biochemistry, Bioenergetics, Mendelian and Molecular Genetics, Reproduction, Cellular Structure & Function, Organismal Biology, Taxonomy, and Ecology. Students will be required to create projects, complete laboratory activities, research topics and utilize various media/technology to explore, investigate, experience, and explain the mysteries of the world around us. The true nature of science is emphasized by using proper scientific methods and acceptable procedures for hypothesizing, experimenting, measurement, collecting and analyzing data, and interpreting results. *Upon completion of Biology students will be administered the Keystone Biology Exam.* 

### Ecology

#### Credit Value 1.00

The course will align with Pennsylvania Keystone Biology Exam Anchors in the area of Ecology and Environmental Science. Students will study topics including but not limited to the complex ecological interactions between biotic and abiotic factors within the biosphere of Earth: characteristics of organisms, adaptations to environmental selection, the hydrosphere and its importance to all life on Earth, ecological levels of organization, food webs, energy pyramids, symbiosis and competition, limiting factors and population dynamics, pollution and changes to our biosphere, cycles of nitrogen, oxygen, carbon within the biosphere.

#### **Chemistry with Lab**

#### Credit Value 1.40

Chemistry is a year-long course presenting a sound treatment of the principles of Chemistry at a level suitable for the majority of high school students. It provides background for those planning to attend college and a useful practical background for those not planning to go on to college. Among the concepts stressed are: study of the periodic chart of the elements, physical properties of matter, chemical bonds, equations, and chemical reactions. Mathematics plays a large role in this course, including a basic algebraic background. It is a textbook-laboratory combination requiring seven periods a week. *Prerequisites: Successful completion of Biology I with a proficient score on Keystone Biology exam.* 

#### **Chemistry**

#### Credit Value 1.00

Chemistry is the study of matter and the way that its properties and changes relate to its various atomic and molecular structures. Chemistry also investigates the energy changes that accompany changes in matter. Therefore, the goal of high school chemistry is to increase students' recognition, knowledge, and appreciation of the patterns that occur within the physical universe. A course in high school chemistry will also assist students to mature intellectually by allowing them the opportunities to engage in problem solving, critical thinking, and making logical connections between chemistry and other subject areas.

This year-long course does not include a laboratory component; however, laboratory investigations and activities will be utilized when possible. The topics to be covered include scientific measurement and dimensional analysis, properties and changes of matter, the mole concept, atomic structure, electrons in atoms, the periodic table and periodic trends, chemical bonding and chemical formulas/names, and chemical reactions and equations.

#### Physics with Lab

#### Credit Value 1.40

Physics is a year-long physical science course that deals with matter and energy, and their transformations. The course includes units on motion, forces, energy, electricity and magnetism, waves, and modern physics. It is a combination textbook-laboratory course, requiring seven periods per week. *Prerequisites: Successful completion of Chemistry & Lab or Chemistry with a proficient score on the Keystone Biology exam.* 

### **Environmental Science**

#### Credit Value 1.00

Environmental Science is an interdisciplinary field that integrates biological, chemical, and physical sciences to the study of the environment and the solution of environmental problems. Environmental studies also incorporate the social sciences (i.e.: anthropology, psychology, political science, and economics) to better understand the ever-changing human relationships, perceptions, and policies toward the environment. As with all sciences, studying the environment satisfies our curiosity about the interactions that occur within the universe, specifically Earth's biosphere. The overarching goal of this course is to learn more about the environment, firsthand and with a scientific lens, so that you can interpret environmental issues for yourself, rather than simply accepting others' points of view.

This course does not include a laboratory component; however, analytical investigations and activities will be utilized when possible. The topics to be covered include: an introduction to the methods of environmental science; ecology; populations; water, air, and land; mineral and energy resources; and the future of our human health as it pertains to the environment.

# AP Biology with Lab - College in the Classroom Eligible Course

Credit Value 1.40 Weighted Course

This year-long course is designed to be the equivalent of a college introductory biology course usually taken by Biology majors during their first year. The AP Biology course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Topics include:

- 1. Chemistry of Life (8-11% of AP Exam)
- 2. Cell Structure and Function (10-13% of AP Exam)
- 3. Cellular Energetics (12-16% of AP Exam)
- 4. Cell Communication and Cell Cycle (10-15% of AP Exam)
- 5. Heredity (8-11% of AP Exam)
- 6. Gene Expression and Regulation (12-16% AP Exam)
- 7. Natural Selection (13-20% of AP Exam)
- 8. Ecology (10-15% of AP Exam)

This class will follow the AP (Advanced Placement) Biology course curriculum, enabling the students to choose the option of taking the AP exam. Choosing the optional AP exam may afford them the opportunity to receive college credit, if their scores are acceptable to the college of their choice. Some AP students, as college freshmen, are permitted to undertake upper level courses in biology or to register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory science course and will be able to undertake other courses to pursue their majors.

# Human Anatomy Grade 12 Elective

Credit Value 1.00

Human Anatomy will include anatomical terminology, directional terms, body cavities, regions and anatomical directions. Tissues and transport systems are also covered. The majority of instruction is on the study of various body systems, including structure and physiology. Students interested in future careers in the health field should strongly consider enrolling in this course. *Note:* <u>Students considering a career in a health related field should register for this course.</u>

# 3D Printing-Maker Space - Science Elective Grades 10-12

#### Credit Value 1.00

Students will learn the skill of Building, Making, and Assembling. Students will assemble the 3D printers from scratch. Use the 3D printers and the PLA filament to manufacture parts. Students will learn software to run a Laser Cutter to burn designs and cut out pieces to manufacture a product. Students will also learn Tinkercad 3D Design, 123D Design, and CURA software to use with the 3D printers and AutoDesk Fusion 360. Students will use Microsoft Publisher to use the Laser Etcher and Cutter. Students will learn how to design and manufacture items to solve problems in their everyday life. Do not worry about finding a source to buy all of the things you need, rely on yourself: You Can Make That!

# **Mathematics**

# <u> Algebra I- Grade 9</u>

#### Credit Value 1.00

This course is intended to build a foundation for all higher math classes. Students will apply algebraic concepts and skills in practical situations. The emphasis will be on the PA Common Core to prepare students for the Algebra I Keystone Exam. Topics will include operations with real numbers and expressions, linear equations, linear inequalities, functions, coordinate geometry, and data analysis.

Students assigned to this course took Pre-Algebra/PSSA 8 during their 8th grade year, or took Algebra I during their 8th grade year but did not score at least an 80% final grade in Algebra I 8.

#### Algebra II Honors Grade 9

#### Credit Value 1.00

In this weighted course properties topics that were developed in Algebra I will be studied in more detail and in depth critical thinking and problem solving strategies will be developed. The study of nonlinear functions is the foundation of this course. Topics will include quadratic, polynomial, and square root functions. Students will also compare additive and multiplicative growth of a pattern as an exploration of exponential functions and logarithms. Students will also study function operations, composition, and inverses. The course will wrap up with a brief study of conic sections focusing specifically on rational functions in preparation for precalculus. Students will be expected to solve equations using real and complex numbers. PA Core Standards and SAT Algebra topics will be emphasized. *Prerequisite is successful completion of Algebra I 8 with an 88% or higher and proficiency on the Keystone Algebra I test.* 

### Keystone Algebra A - Grade 10

#### Credit Value 1.00

This course is designed for Sophomores who have not yet been proficient on the Keystone Algebra I test and who have not scored an 80% or higher in their Algebra I course final grade. Students will revisit the skills they need to pass the Keystone Algebra I test. The approach will be more individualized to help students with the specific skills they have not mastered.

#### Algebra II - Grades 9-12

#### Credit Value 1.00

Properties that were developed in Algebra I will be studied in more detail and applied to nonlinear functions. After a review of graphing, solving, and analyzing linear functions, systems, and inequalities, students will explore and analyze other function families. Topics will include quadratic, polynomial, and square root functions. Students will also compare additive and multiplicative growth of a pattern as an exploration of exponential functions and logarithms. Students will study function operations, composition, and inverses in preparation for further advanced math coursework. In this course, students will develop critical thinking and problem solving strategies. PA Core Standards and SAT Algebra topics will be emphasized. *Students assigned to this course have scored proficient or higher on the Keystone Exam or received a final grade of 80% or higher in Algebra I.* 

#### Algebra II Honors Grade 9

#### Credit Value 1.00

In this weighted course properties topics that were developed in Algebra I will be studied in more detail and in depth critical thinking and problem solving strategies will be developed. The study of nonlinear functions is the foundation of this course. Topics will include quadratic, polynomial, and square root functions. Students will also compare additive and multiplicative growth of a pattern as an exploration of exponential functions and logarithms. Students will also study function operations, composition, and inverses. The course will wrap up with a brief study of conic sections focusing specifically on rational functions in preparation for precalculus. Students will be expected to solve equations using real and complex numbers. PA Core Standards and SAT Algebra topics will be emphasized. *Prerequisite is successful completion of Algebra I 8 with an 88% or higher and proficiency on the Keystone Algebra I test.* 

# Keystone Algebra B - Grade 11

#### Credit Value 1.00

This course is designed for Juniors who have not yet been proficient on the Keystone Algebra I test and who have not an 80% or higher in their Algebra I course final grade. Students will revisit the skills they need to pass the Keystone Algebra I test. The approach will be more individualized to help students with the specific skills they have not yet mastered.

# **Geometry**

Credit Value 1.00

This course is designed to emphasize the application of definitions, properties, and theorems to common geometric figures in two and three dimensions. Major topics include relationships between angles and parallel lines, congruent and similar triangles, polygons, circles, perimeter / area / volume of figures, and right triangles. Right triangle study includes the Pythagorean theorem, special right triangle properties, and an introduction to the basic trig functions of sine/cosine/tangent. Algebraic expressions are also used in many applications. Proofs are also introduced, especially geared towards triangle congruence and similarity. *Prerequisite is successful completion of Algebra II and proficiency on the Keystone Algebra I test.* 

#### **Geometry Honors**

Credit Value 1.00

This accelerated course covers the standard content listed for the regular geometry course. In addition, there is greater intensity and emphasis on structuring proofs, analytical thinking, and challenge / enrichment problems dealing with each topic. This includes further investigation of basic trig functions and three-dimensional figures. Prerequisite is successful completion of Algebra II, Keystone Algebra proficient and average of 88% in previous math courses.

### Probability & Statistics- Grade 11-12

Credit Value: 1.0

This course introduces students to the concepts of probability and logic of statistical reasoning. It relies extensively on real-world situations, critical analysis, and interpretation of graphs and data. Students will be given the opportunity to apply the mathematical skills gained in various ways through data collection and statistical analysis of data. In this course, they will draw inferences, determine correlations, make judgments & predictions, and communicate findings to a group of peers.

#### **Precalculus Honors**

Credit Value 1.00

### Weighted Course

This course is a comprehensive discussion of the language of functions, including linear, quadratic, exponential, step, power, log, and polynomial functions. Students will undergo a thorough study of graphing these functions, as well as transformations and scale change images of these functions. Students will learn about the complex number system, inverse functions, and growth and decay models. The students will learn a comprehensive study of trigonometry. Students in this course will undergo a complete study of the unit circle and related applications, reciprocal functions, and trigonometric identities. Students will learn about right triangle trigonometry as it applies to real life situations. The students will study trigonometric graphs, including periodic cycles, amplitude, and phase shift. The course will also integrate the conceptual underpinnings of calculus with topics of discrete mathematics.

Prerequisites: Successful completion of Honors Geometry and a proficient score on the Keystone Algebra I test.

#### Consumer Math - Grade 12

#### Credit Value 1.00

Consumer Math is designed to prepare students for the reality of everyday living during their adult years. This course focuses on many aspects that they will deal with in life, such as earning power, banking, credit, income taxes, housing options, utilities, and monthly budgets. Each unit consists of vocabulary, applications, and the use of technology. The course is taught with the study of consumer websites for current learning, and hands on approaches to study each topic.

# College Algebra

#### Credit Value 1.00

This course is being offered to students to further extend their knowledge of Algebra. The course begins with an in-depth study of topics introduced in Algebra II. Students will progress through a study of nonlinear functions and real-world applications of these functions. A concise study of analytical geometry will be included. The students will learn a comprehensive study of trigonometry. Students in this course will undergo a complete study of the unit circle and related applications, reciprocal functions, and trigonometric identities. Students will learn about right triangle trigonometry as it applies to real life situations. The students will study trigonometric graphs, including periodic cycles, amplitude, and phase shift. Current technology will be integrated throughout the course. *Prerequisite is successful completion of Algebra I, Algebra II, Geometry and proficiency on the Keystone Algebra I test.* 

# AP Calculus AB - College in the Classroom Eligible Course

# Credit Value 1.00 Weighted Course

The Advanced Placement (AP) curriculum will be used in this math course and students will have the option of taking the Advanced Placement test in the spring. This course is intended for students who will be pursuing careers that require use of higher-level mathematics such as engineering, applied mathematics, physics, and mathematics education. AP Calculus is the study of three core big ideas: change, limits, and analysis of functions. These big ideas are studied with a focus on the mathematical practices of implementing mathematical processes, connecting representations, providing justification, and using proper communication and notation. Topics include:

- 1. Limits and Continuity (10-12% of AP Exam)
- 2. Differentiation: Definition and Fundamental Properties (10-12% of AP Exam)
- 3. Differentiation: Composite, Implicit, and Inverse Functions (9-13% of AP Exam)
- 4. Contextual Applications of Differentiation (10-15% of AP Exam)
- 5. Analytical Applications of Differentiation (15-18% of AP Exam)
- 6. Integration and Accumulation of Change (17-20% of AP Exam)
- 7. Differential Equations (6-12% of AP Exam)
- 8. Applications of Integration (10-15% of AP Exam)

Students will be required at times to use a TI-83 Graphing Calculator. *Prerequisite: Pre-Calculus Honors* 

# English Language Arts Reading (ELAR)

# English 9

### Credit Value 1.00

The main emphasis of this course will be the study of short stories, novels, nonfiction, poetry, and drama. Skills developed will align with the PA Academic standards such as reading independently and critically, and learning to analyze and interpret literature in order to build a better foundation of skills applicable to the Keystone assessment. The preparation will also include the study of written composition. This study is extensive beginning with individual paragraphs and covering several types of essays and constructed response items. Grammar and vocabulary are studied in conjunction with literary analysis and composition.

### English Literature 9

#### Credit Value 1.00

English Literature 9 is a full year course designed to continue the development of skills needed to improve written and oral communication. The main emphasis of this course will include the study of written composition through close reading strategies, constructed response writing, essay writing, and literary analysis. Vocabulary and grammar are studied in conjunction with composition. Short stories, novels, nonfiction, poetry, and drama are used to analyze theme, symbolism, character development, plot structure, perspective, and other literary elements. Skills such as reading independently and critically, text dependent analysis in connection to literary terms and elements, and interpretation of literature align with the PA Academic Standards. *Skills developed will be applicable to the Keystone Literature test which students will take in the spring semester.* 

#### English Literature 10

# Credit Value 1.00

This course will be assigned for students who have not yet taken or achieved a proficient score on the Keystone Literature exam. A thorough review of past testing data will be performed to determine and target specific needs of the individual student. The emphasis of the course will be a continued study of the elements of literature -- theme, plot, characterization, and setting -- and various literary devices. The course is designed to create in all students a basic understanding of the essentials necessary for both reading and writing creative and expository literature. The students are given the opportunity to become familiar with and respond to fiction and nonfiction works.

#### English 10

#### Credit Value 1.00

Students who scored proficient on the Keystone Literature exam and elect not to participate in the Honors English program will be assigned to this course. The goal is for students to develop an ability to communicate effectively in writing by using Standard English in a variety of modes, expository as well as creative. This course will develop assurance in the use of spoken English and enhance comprehension, enjoyment, and appreciation of major authors and their works. It is essential to teach English so that students will speak and write in effective, understandable, stylized form, and be able to grasp, analyze, apply and evaluate abstract ideas and the points of view of others in order to comprehend and affect the world around them. A unit on researching will also be incorporated. *Prerequisite is proficiency on the Keystone Literature Exam.* 

#### English Honors 10

#### Credit Value 1.00

Students who scored proficient on the Keystone Literature exam will have the option to take this course. The goal of this weighted course is for students to read and understand more challenging literature, to develop their own point of view, and to be able to analyze an author's use of language to develop tone and purpose. Researching skills along with the completion of a formal research paper will be incorporated. *Prerequisite is proficiency on the Keystone Literature Exam and a 88% average in previous English courses.* 

#### English Literature 11

#### Credit Value 1.00

This course will be assigned to students who have not yet achieved a proficient score on the Keystone Literature exam. A thorough review of past data will be performed to target specific student areas of need. The

emphasis of the course will be a continued study of literature and concepts to prepare students for the readministering of the Keystone Literature Exam. The course is designed to create in all students a basic understanding of the essentials necessary for both reading and writing creative and expository literature. The students are given the opportunity to become familiar with and respond to fiction and nonfiction works so that they will grow to understand and seek out the abstract concepts of literature.

# English 11

#### Credit Value 1.00

The goal of this course is for students to develop an ability to communicate effectively in writing by using Standard English in a variety of modes, expository as well as creative. This course will develop assurance in the use of spoken English and enhance comprehension, enjoyment, and appreciation of major authors and their works. A unit on researching will also be incorporated. This course will be assigned to students who have achieved a Prerequisites: Proficiency on the Keystone Literature Test, an 88% or above average in previous English courses

# <u>AP Language & Composition</u> - College in the Classroom Eligible Course

#### Credit Value 1.00- College in the Classroom Eligible Course

Prerequisites: Proficiency on the Keystone Literature Test, an 88% or higher in previous English courses. The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, through close reading, students will analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Students will become skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes. Both their reading and their writing should make students aware of interactions among a writer's purposes, reader expectations, and an author's propositional content as well as the genre conventions and the resources of language that contribute to effectiveness in writing.

# English 12

#### Credit Value 1.00

This course is intended for students who elect not to pursue an Advanced Placement English Course and are entering their senior year. The course focuses on reading to understand an author's purpose and a text's historical context. Essay writing focuses on point of view and using Standard English mechanics and grammar. A study of literature will also be included using various short stories, Shakespeare's Macbeth or Hamlet, a survey of British literature, full-length novels, and poetry. A research paper will be incorporated.

# AP Literature & Composition - College in the Classroom Eligible Course

#### Credit Value 1.00

Prerequisite: Proficiency on the Keystone Literature Test and an 88% or higher in previous English courses. The AP English Literature and Composition course is intended to represent a typical introductory college literature course. It includes an intensive study of works of literary merit from various genres, periods, and cultures. Reading in the course builds on the reading done in previous English courses. This course focuses on careful reading and critical analysis of fictional literature. Through the close reading of selected texts, students will deepen their understanding of how writers use language to create meaning. Students will learn to consider a work's structure, style, and themes, as well as the use of figurative language, imagery, symbolism, and tone. Writing is also an integral part of the AP English Literature and Composition course and of the AP Exam. Writing assignments in the course will address the critical analysis of literature and will include expository, analytical, and argumentative essays. The goal of the writing assignments is to increase the students' ability to explain clearly and cogently what they understand about literary works and how they interpret them.

Read 180: Grades 9-11 Credit Value: 1.00 Emphasis will be placed on determining specific student deficiencies using various data sources and helping students develop strategies to overcome defined deficiencies. Specific instruction will be provided according to Common Core benchmarks; with students working in their identified areas of need to gain proficiency. *This course is not selected. The course is assigned by administration based on data and Reading related assessments.* 

# American Entertainment Genres - Grade 9-12 Elective

#### Credit Value .50 - 1.00

Students will be exposed to various types of media in order to practice and refine their ability to critically think, analyze important information, learn to convey their thoughts in written and oral expression in an effective way, and understand the importance of media in our world and in their lives and futures. We will cover topics from film, music, television, news and current events, and media production/dissemination in order to better understand the world around them through these entertainment, news and technology-based genres. Students should leave the course able to identify and label biases, understand the basic construct of media genres, be comfortable analyzing various types of media, and be able to discuss information through a critical thinking lens as they view and process the world around them.

# **Media Communications**

# Computer Technology & Media - Grade 9-12 Elective

# Credit Value .50-1.00

This is a one-year course which will introduce and explore a variety of computer software packages and other resources. The course will be a project-based class where students will be challenged to complete openended creative projects and follow specific guidelines to complete others. Trends in technology will be explored and discussed as well. Students will learn about the Google Education Suite, digital citizenship, and various internet tools. The class will also tie the world of technology into the world of the mass media by introducing students to various elements of media literacy. We will explore trends in different mediums and social media, and learn about media bias, editing, and juxtaposition. Students may also have an opportunity to design and complete projects for the school and community using Microsoft Office, Google Applications and other software/hardware as needed.

# .Media & Marketing - Grade 9-12 Elective

Credit Value .50 or 1.00

This class will expose students to personal marketing, digital communication/design, and professional presentation skills. Students will learn to design and pitch professional and academic materials and ideas using the latest technology. Students will research and analyze marketing materials and design elements. They will explore ethos, pathos, and logos as persuasive techniques in digital communication, advertisement and presentation.

# Introduction to Media - Grade 9-12 Elective

Credit Value 1.00 Students will explore media literacy as it relates to video/radio production, social media, and the elements of journalism. Students will learn the basic concepts associated with video production and explore how video production is tied into social media in today's society. Students will learn the basics of how to tell a story, the basics of video editing using Adobe Premiere software, writing for print and visual media, principles of journalism, journalism ethics, and its impact on society, and the process of TV and remote productions. Students will also learn how to analyze film, video, and print media to identify elements of media bias, and the use and impact of juxtaposition.

# Advanced Media - Grade 10-12 Elective

Credit Value 1.00

#### Prerequisite: Successful completion of Intro to Media, Intro to Journalism, and Intro to Production

Students will use knowledge from prerequisite courses to plan, edit, and shoot feature stories for a bimonthly news magazine show. All students would choose a podcast or news broadcast form for their production. In addition students will produce advanced media projects such as instructional videos, promotional videos, commercials, and short films. Students will gain "real world" experience in the role of producer and director of a broadcast. Productions will be used for publication to an official YouTube channel, with possible broadcasting on local television.

#### Film/Independent Studies - Grade 11-12 Elective

Credit Value 1.00

Prerequisite: Successful completion of Intro to Media and Advanced Media

Students will use knowledge from prerequisite courses to lead students enrolled in the Advanced Media classes to plan, edit, and shoot feature stories for a bi-monthly news magazine show. These students will be the leaders, directors and producers of the new show, *Wildcat Corner*. This will provide students with further "real world" experience in the role of producer and director of a broadcast. Other projects these students may be assigned include to create and produce their own podcasts throughout the year, individually assigned projects, and school initiative projects, among others. All productions will be used for publication to an official YouTube channel, with possible broadcasting on local television. Finally students will be introduced to the world of film, both its historical significance and analysis on current films in the industry. This is designed as an independent/advanced study course. Students should be self-motivated and able to run with a task, in many cases, on their own, once assigned.

#### Public Speaking & Presentation - Required for Grade 12

#### Credit Value .50

Public Speaking and Presentation is a semester course designed to introduce the communication process and help students comprehend the value of effective communication in their daily lives. The course will offer students an opportunity to gain experience in a variety of planning methods for public speaking. Students will explore and prepare different types of multimedia presentations and master the skills needed to develop an effective presentation. The course will also include diction and communication exercises designed to enhance verbal communication skills.

# **Social Studies**

#### Civics 9

#### Credit Value 1.00

The main objective of Civics is to help each student acquire the knowledge and skills necessary to become an informed and prepared civic-minded individual in this great democracy of the United States of America. In order to participate in a constitutional democracy it requires a certain amount of knowledge: the principles and documents of government, rights and responsibilities of citizenship, government processes, and international functions. Each student will also be exposed to the government and history of Pennsylvania. *Per Act 35 of 2018, all students enrolled in Civics will be administered a Citizenship Exam* 

#### World Cultures 10

#### Credit Value 1.00

World Cultures traces the values, customs, key figures and religions of a variety of diverse populations from the early history to the present day. Students will, upon completion of this course, understand the events that have influenced the diverse cultures found across the globe today. They will examine the contributions of individuals and groups who have shaped our world. Primary and secondary sources will be examined through writings, debates, research, and presentations. Students will also look at the influences of continuity and change, as well as conflict and cooperation that affected the human story. The course units will bounce from continent to continent as students analyze the similarities and differences of cultures spread out across the world. . Upon the completion of the course, students will have an appreciation for the cultural and historical impact of African, Middle Eastern, South Asian, and European civilizations.

AP European History - College in the Classroom Eligible Course

#### Credit Value 1.00

#### Prerequisite: 88% or higher final grade in the previous Social Studies coursework.

The AP European History course focuses on developing students' understanding of European history from approximately 1450 to the present. The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods employed by historians when they study the past (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation). The course is organized around five themes: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; and individual and society. Participants make connections among historical developments in different times and places.

#### American History 11

#### Credit Value 1.00

American History focuses on the time period from the late 19th century to the present day. The course chronicles the major military, political, cultural and social events during this time frame, with specific attention to the people and events that have contributed to the foundation of this country and her great democracy. The curriculum reinforces a multicultural perspective by looking at the United States as a country of great diversity.

#### AP United States History - College in the Classroom Eligible Course

#### Credit Value 1.00

#### Prerequisite: 88% average or higher in previous Social Studies coursework.

In AP U.S. History, students investigate significant events, individuals, developments, and processes from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.

#### Economics & Contemporary Issues 12

#### Credit Value 1.00

Students will learn basic principles of economic decision making from the perspective of the individual, firm, and industry. Particular attention is given to the market system and how prices and profits coordinate the actions of economic decision makers. Topics include: supply and demand, consumer economics, entrepreneurship, costs and production, market structure, market failure regulation, and income distribution. Macroeconomics is also examined through the study of money, banking, financial markets and the foreign exchange market. This course will also explore the contemporary concerns in the social studies content areas including current events and issues in the fields of politics, geography, economics, religion, popular culture, technology, and other domestic and world affairs that impact the life of the student in the immediate future.

#### AP Human Geography - College in the Classroom Eligible Course

#### Credit Value 1.00

Prerequisite: 88% average or higher in previous Social Studies coursework.

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. They also learn about the methods and tools geographers use in their science and practice. The course of study includes units on the Nature of Geography, Population and Migration, Culture, Political, Agriculture, Industrialization and Development and Cities and Urban Land Use. On successful completion of the course, the student should be able to: use and think about maps and spatial data; recognize and interpret at different scales the relationships among patterns and processes; define regions and evaluate the regionalization process; characterize and analyze changing interconnections among places.

Prerequisite: 88% average or higher in previous Social Studies coursework.

Elective, students who successfully completed psychology cannot take the course again Credit Value .50

This semester class is designed as an introductory course on general psychology. Students will study the basic psychological approaches: behavioral, cognitive, humanistic, neuro-biological and psychoanalytic. Units on sensation, perception, memory, consciousness, intelligence, creativity, learning, personality theories, mental disorders and treatment will be explored. Students will engage in authentic experiments related to the units of study.

#### Current Events Grades 9-12

#### Credit Value 1.00

This course will explore current international, national, state and regional news stories of the day and be focused on discussion of how these unfolding events impact our lives. Students will be expected to be active participants in discussions and presentations

#### Law - Grades 11 & 12

Elective, students who successfully completed Law cannot take the course again Credit Value .50

This class provides students with a thorough understanding of the many facets of the US Legal System. Topics include: Structure & function of the Judicial (courts), Executive (police) & Legislative (lawmakers) Branches; Roles of the Criminal Justice System; Rules of Law—Facts vs. Myths. The course will address Civil law, Criminal law, Juvenile law & Constitutional law. Frequent guest speakers will provide students with firsthand knowledge & insight. Innovative classroom activities will center on the following topics: Criminal investigations & evidence collection, Case preparation and courtroom testimony, Crime scene sketching, Interviewing & interrogation techniques, Polygraph usage, handcuffing & other restraints, Crime prevention techniques. Additionally, mock trials, debates, interactive computer sites, role play & simulations will enhance student learning.

# Fine Arts

#### Senior High Band - Grade 9-12

### Credit Value 1.00

The purpose of Senior High Band is to provide an opportunity for those students who are interested in instrumental music to participate in an advanced ensemble and excel as far as their individual capacity or initiative will allow them. The students will be given the opportunity to rehearse and perform live music in a wide variety of settings. The symphony band program will prepare the students to take their places in the musical organizations of the community if they so desire. The main purpose of this organization is to prepare the students to follow music as a vocation or hobby.

#### Piano Accompaniment - Grade 9-12

#### Credit Value 1.00

This course is offered to students who have an interest in piano accompaniment. The aim of Piano Accompaniment is to build and hone skills in large group accompaniment by daily playing for our Junior High Chorus. Students will gain experience in rehearsal accompaniment (playing 3 to 4 vocal lines from an octavo), and accompanying the Chorus for their Christmas and Spring concerts. *Piano Accompaniment is by audition only.* 

#### Senior High Chorus - Grade 9-12

#### Credit Value .50- 1.00

Senior High Chorus provides singers the opportunity to develop their singing skills and their musicianship while part of a team of singers striving for excellence in performance. Performance opportunities include, but are not limited to, Christmas and Spring concerts, school assemblies, community performances, and Choral Festivals.

#### Introduction to Music Theory - Grade 9-12

#### Credit Value .50-1.00

This is a beginner course in music theory concepts designed for students who would like to delve deeper into structures and concepts of music. Students will start with basic music reading, and move through other skills such as major/minor scales, basic chords and progressions, as well as aural skills. Students will utilize these skills in both Chorus and Band classes.

Senior High Art 1- Grade 9-12 Senior High Art 2 Senior High Art 3 Senior High Art 4

Note: The number after SH Art represents the number of years the student has had Sh Art in their schedule. Credit Value .50 - 1.00

The art program is designed for students who wish to gain information, knowledge, and understanding of artwork that will lead to a more meaningful appreciation of art throughout life. For those especially talented in art who wish to further their education in this field, the individual projects selected would provide a good foundation in drawing, painting, design, ceramics, and general crafts.

# Physical Education 9-12 - Required for Grade 9-12

#### Credit Value .5

The course is based on a lifetime fitness philosophy, and is designed to provide students with the basic skills and knowledge of a wide variety of physical activities. Through participation in these activities the students will develop a level of physical fitness as well.

# CPR-AED-FIRST AID - Required for Grade 9

#### Credit Value .25

Students will have the opportunity to earn certifications in adult, child, and infant CPR/ AED and First Aid from the American Red Cross.

# Choices - Required for Grade 9

#### Credit Value .25

The objective of this course is to empower students with skills that will better prepare them for success in senior high and adult life. The course will consist of activities, discussions, and assignments that deal with the following areas: character education, self-esteem, decision making, relationships with others, leadership skills, feelings, problem solving skills, peer pressure, goals, coping skills, bullying prevention, communication, life expectations, conflict resolution, effects of drugs on the body, and information about current drug trends.

### Health & Wellness 10 - Required 1 semester in Grade 10 or 11 or 12

#### Credit Value .50

This course provides students information needed to make responsible decisions relating to health matters. Topics covered include decision-making skills, suicide prevention, abuse recognition, alcohol/drug issues and prevention, nutrition, sex education, communicable diseases including STIs and AIDS.

# Fitness and Strength Training - Elective Grade 9-12

#### Credit Value .50

This course will help students to identify goals, learn about the muscles of the body, and develop and follow their own personal fitness programs. Other activities included in this elective will be various agility, plyometric, aerobic, and anaerobic exercises. The aerobics/cardio portion of this elective will emphasize a variety of aerobic exercises, with the goal of improving cardiorespiratory endurance, while simultaneously strengthening and toning the entire body.

# PIAA Officiating Certification - Elective- Students must be 18 before May 1, 2022 to enroll

#### Credit .50

Students in this course will have an opportunity to earn multiple officiating certifications in the sports of their choosing to become PIAA sports officials. In addition to earning PIAA sport official specific certifications the mechanics of officiating, basic sports first aid and ethics will be discussed.

# **Business Education**

# Introduction to Business - Grade 9-12 Elective

#### Credit Value .50

This is a basic business course designed to acquaint students with the many exciting and challenging aspects of running a business in today's world. Students will gain a basic understanding of general business topics. This course gives students a broad exposure to business operations and a solid background for additional business courses.

### Personal and Professional Marketing - Grade 9-12

#### Credit Value .50

Students will discover what it takes to market a product, service, and themselves in today's fast-paced business world. Additionally, students will become prepared for today's workforce through the use of 21st-century technology platforms.

#### Accounting I - Grade 9-12

#### Credit Value 1.00

This course provides students with the basic accounting concepts and practices. Course topics include: recording entries for a sole proprietorship and partnership; preparing financial statements and tax forms; listening to speakers from the business community, and completing accounting simulations.

#### Accounting II - Grade 10-12

#### Credit Value 1.00

The student will study advanced accounting concepts and practices. Course topics include: cash controls and banking activities, payroll accounting, special journals, adjustments, and financial statements for a corporation. Computerized accounting software will be used to give students real-life accounting experience. *Prerequisite: Accounting I.* 

#### Accounting III - Grade 11-12

# Credit Value 1.00

The student will continue studying advanced accounting concepts and practices. Course topics include: completing the accounting cycle for a merchandising corporation, accounting for corporations, depreciation, uncollectible accounts, inventories, partnerships, and ethics in accounting. Computerized accounting software will be used to give students real-life accounting experience. *Prerequisite: Accounting II.* 

#### Entrepreneurship - Grade 11-12

#### Credit Value 1.00

Entrepreneurship recognizes the importance of a new business opportunity. From the initial idea to the operating and maintaining of a business, this course explores every aspect of business ownership. Entrepreneurship is necessary not only for students who will become entrepreneurs, but also for individuals working in the increasingly competitive corporate world. In the United States small businesses make up close to 90% of all businesses. This course is essential for those wanting to continue their studies in the business curriculum. *Prerequisite: Introduction to Business or Accounting I.* 

#### Career Planning 11 - Required Grade 11 for non-ICTC students

#### Credit Value .25

Students will learn about the Career Education and Work Standards and complete assignments to be added to their cumulative career portfolio on in the areas of: Career Awareness and Preparation (13.1.11), Career Acquisition (13.2.11), Career Retention and Advancement (13.3.11), and Entrepreneurship (13.4.11). In this course will participate in the junior interviews and begin to narrow their focus to one of four successful post-secondary options that include 4-year university, 2-year associate or technical training, full time self sustaining career or the military. Based on the chosen path students will research application processes, career paths within the chosen area, projected earnings and job locations and other necessary requirements to be successful in the chosen path. The school counselor will work in conjunction with the instructor to develop career plans with students and assure implementation of our Act 339 Plan.

#### Life & Finances After High School - Required Grade 12 for non-ICTC students

#### Credit Value .50

Life and Finances after High School is a continuation of Grade 11 Career Planning. Based on the students selected after high school path, post-secondary schooling applications, financial aid opportunities including loans, scholarships, and grants will be discussed. Military recruiters will be introduced, resumes, standard job applications, and interview skills will be emphasized. A senior check-in with guidance will be arranged during this course. The guidance counselor will work in conjunction with the instructor to develop career plans with students and assure implementation of our Act 339 Plan. Students will also develop practical skills and a real-world understanding of the following topics: personal financial responsibility; writing checks and deposit slips;

maintaining checkbook registers and reconciling bank statements; money management (creating and maintaining a personal budget, building credit, credit scores, credit reports, and lending/interest/debt); employment (job applications, paychecks, pay stubs, payroll deductions, and I-9, W-4, & W-2 forms); filing federal income taxes; saving and investing; major purchases (vehicles and homes); and various types of risk management (life, homeowners, health, and auto insurance, wills, and powers of attorney).

# Project Lead the Way (PLTW) & Technology

# Computer Science Essentials (PLTW) Elective Grades 9-12

Credit Value 1.00

This is a Project Lead the Way designed and approved course. Computer Science Essentials is an excellent entry point for new high school computer science learners and is also beneficial to build upon the knowledge and skills of students with prior computer science experience. All students will have many opportunities for creative expression and exploration in topics of personal interest, whether it be through app development, web design or connecting computing with the physical world. App development using MIT App Inventor, Programming SDVs (Self-Driving Vehicles) using Vex Coding Studio, and programming using Python in a Cloud 9 IDE (Integrated-Development Environment), and exploring Computer Science Careers are some of the course components.

# Computer Science Principles (PLTW) Elective Grades 11-12

Credit Value 1.00

A Project Lead The Way Course, students develop computer science skills that will serve them in any career path they pursue. Using Python® as a primary tool, students learn to write, test and analyze code to understand abstractions and algorithms. Students will examine the structure of the internet and explore how data is collected, utilized and visualized. They will explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they've learned to tackle challenges like app development and simulation. This course is endorsed by the College Boar*d, giving students the opportunity to take the AP CSP exam for college credit.* 

# Computer Science CyberSecurity (STEM/PLTW) Elective Grades 10-12

Credit Value 1.00

PREREQUISITE: STUDENTS MUST HAVE SUCCESSFULLY COMPLETED EITHER COMPUTER SCIENCE ESSENTIALS OR COMPUTER SCIENCE PRINCIPLES

A Project Lead The Way course, Cybersecurity is intended to expose students to the rapidly changing and far reaching field of cybersecurity. All fields of society including education, government, corporate, finance, military and health care are impacted by the field of cybersecurity. Cybersecurity investigates data protection, system security and network integrity. Institutions collect, utilize and store an ever increasing amount of data which needs to be protected. Students will explore these areas and the application of cybersecurity in the workforce and their personal lives. Students accomplish this through problem-based learning, where students roleplay and train as cybersecurity experts.

# Family Consumer Sciences (FCS)

#### Family Consumer Sciences 9 - Required for Grade 9

#### Credit Value .25

Family and Consumer Sciences (FCS) is a one-quarter course designated to educate students on matters of economics and management of the home and community. The lessons and activities presented are based on the Pennsylvania Academic Standards for Family and Consumer Sciences that represent many disciplines that may include the following topics: consumer science, nutrition, food preparation, parenting, early childhood education, family economics and resource management, human development, interior design, textiles, apparel design, as well as other possible related topics.

#### Cooking & Nutrition Grades 10-12

#### Credit Value .50

Course Description: Cooking and Nutrition is a one-semester elective course designed to provide experience and educate students on matters of a healthy diet and food preparation. The lessons and activities presented are primarily based upon the Food Science and Nutrition Anchors of the Pennsylvania Academic Standards for Family and Consumer Sciences but will include supporting lessons and activities in the anchor areas of Sharing Family Responsibilities and Financial Management. Specific topics will include nutrition in detail, essential nutrients review, preparing and consuming a healthy diet, food and kitchen safety, table setting, formal dining etiquette, reading and developing recipes, how to make a food healthier, shopping on a budget, comparison grocery shopping, and preparing and consuming a wide variety of multiple foods/meals.

### Child Development - Grade 9-12

#### Credit Value .50

The first part of this course will review childhood development from birth through age 5 with emphasis on students acquiring the skills necessary to plan and conduct the Rainbow Room preschool program. The second part of the course will focus on students operating the Rainbow Room preschool program under the supervision of the instructor(s).

# Modern Language

# French 1 Only Available Online through HCAC

Credit Value 1.00

This course introduces a relative range of competence in French from zero at the beginning to various increased skills and understanding during the school year. Emphasis is placed upon vocabulary, pronunciation and modern French culture, as well as upon those words and phrases used in everyday life. Practical control of the four language skills (listening, speaking, reading, and writing) are essential components of this course.

French 2 Only Available Online through HCAC Credit Value 1.00

<u>French 3</u> Only Available Online through HCAC Credit Value 1.00

#### <u>Spanish 1</u>

Credit Value 1.00

The course introduces a relative range of competence in Spanish from zero at the beginning to various increased skills and understanding during the school year and points out similarities and differences between Spanish and American ways of life. It leads to practical control of the four language skills (listening, speaking, reading, and writing), knowledge of the fundamentals of Spanish grammar, and some familiarity with Spanish literature and other cultural and historical achievements. Thematic units of study will include: self-descriptions, school and school classes, family, food, and community.

# <u>Spanish 2</u>

#### Credit Value 1.00

The aim is to continue to lead to practical control of language skills, knowledge of the fundamentals of Spanish grammar, and familiarity with Spanish culture. Thematic units of study during the second year will include: weather, clothing, health, and community. Students will continue to develop their speaking and writing skills. A second, but no less important aim, is to sustain student motivation and interest throughout the critical second year of language study.

# Spanish 3

#### Credit Value 1.00

Instruction at this level is designed to provide the student with greater facility in all the language skills. The student is given varied experiences in refining his or her communication skills via listening, speaking, reading, and writing activities. The student is given the opportunity to express original ideas, expanding his or her vocabulary through individual interests as well as through basal materials.

# <u>Spanish 4</u>

#### Credit Value 1.00

Instruction at this level is designed to provide the student with greater facility in all the language skills. The student is given varied experiences in refining his or her communication skills via listening, speaking, reading, and writing activities. In speaking and writing, the student is given the opportunity to express original ideas, expanding his or her vocabulary through individual interests as well as through basal materials. The materials include cultural studies aimed at providing an understanding of the major developmental trends in such areas as history, literature, art, music, sciences, and a variety of contemporary topics in newspapers, magazines, and current publications.

# **Supplemental Courses**

# SAT Prep- Required Grade 11

#### Credit Value .25

In this course students will review various procedural items including application for the taking the SAT, forms and ID's required on testing day, reporting of scores and NCAA Clearinghouse requirements etc. Students will then be taught test taking strategies and tips for the SAT, and participate in various practice tests and activities.

# Indiana County Career & Technology Center (ICTC)

Students interested in attending ICTC must complete the tour and shadowing experiences at ICTC. If a student is interested in attending ICTC and did not complete the tour and shadowing experiences, they should see a guidance counselor or principal immediately.

Students wishing to view in more depth the program offerings and program descriptions at the ICTC should review the Indiana County Career & Technology tab.