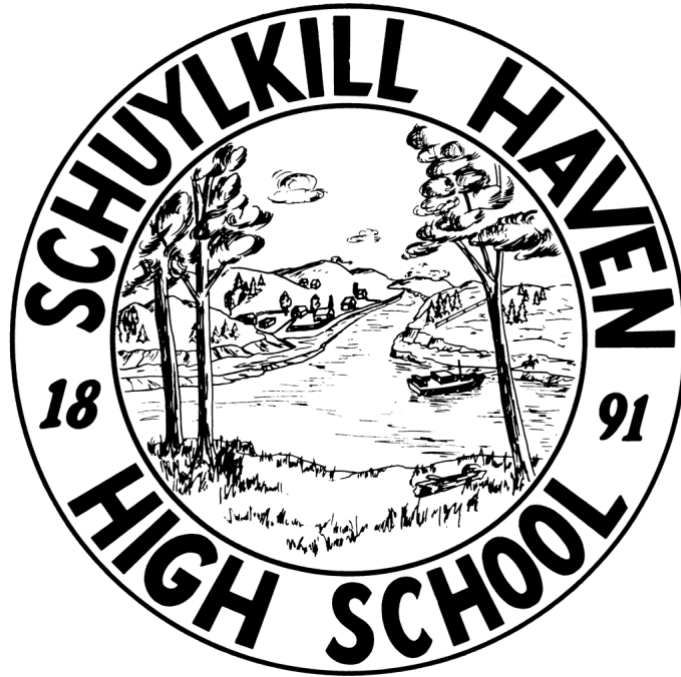


# SCHUYLKILL HAVEN AREA HIGH SCHOOL



# PROGRAM OF STUDIES 2019-2020

Schuylkill Haven, Pennsylvania

*"Quality Endures"*

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**“Education is not preparation for life; education is life itself.”**  
**~John Dewey**

**Schuylkill Haven Area School District**  
501 East Main Street, Schuylkill Haven, PA 17972

**Board of School Directors**

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Dr. Susan E. Morgan, Director of Curriculum, Instruction, and Technology  
Mrs. Kim Umphrey, Business Manager

**High School Administration**

Mr. Matthew Horoschak, Interim Principal  
Mr. Dennis Siket, Assistant Principal

**High School Guidance Department**

Mrs. Michelle McGinty, School Counselor (A-K)  
Mr. Isaac Davis, School Counselor (L-Z)

Mr. Scott Buffington, Athletic Director

**Schuylkill Haven Area High School**  
501 East Main Street  
Schuylkill Haven, PA 17972

Tel: 570-385-6717

Web Site: [www.facebook.com/schuylkillhavenareahighschool](http://www.facebook.com/schuylkillhavenareahighschool)

The Schuylkill Haven Area School District is an equal opportunity education institution that does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Dr. Susan Morgan, Compliance Coordinator, Schuylkill Haven Area School District, 501 East Main Street, Schuylkill Haven, PA 17972-1300 (570) 385-6705

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# PROGRAM OF STUDIES

## Total commitment maintains a high level of success

The professional staff and administration believe that academics are the most important part of the student's high school experience. With this philosophy as a base, each student may choose courses that will help him/her:

- enter a post-secondary institution
- prepare for various employment opportunities in the field of business
- gain a vocational-technical background with emphasis on specific skill development in his or her chosen field or trade
- gather a broad general background if unsure of future plans

Each goal is different. The required courses differ accordingly. The faculty is committed to maintaining a high level of performance for every student.

Schuylkill Haven Area High School utilizes a six-day cycle for scheduling and four nine-week grading periods, or quarters.

The importance of selecting appropriate courses cannot be overemphasized. Parents, students, guidance counselors, faculty members and administrators have input into these choices.

All course selections and changes require faculty and parent approval.

## CREDIT REQUIREMENTS

All students must have a minimum of 24.50 credits for graduation earned in grades 9-12. All required courses in a track must be passed in order to graduate. Students must complete a community service requirement (minimum 48 hours). Opportunities for makeup courses can be arranged through the guidance counselor. Each student must select one credit of Mathematics, Science, Social Studies, English and a 0.5 credit of Physical Education each year.

**All students must schedule a minimum of six credits per day.** Students in grades 9-11 may schedule only 8 credits per year maximum. Senior students may schedule 8.25 credits. Students may have no more than 2 study halls during a day.

Please be sure of specific mathematics, science and foreign language requirements of any college or university you plan to attend. The guidance department will be able to provide this information.

## VIRTUAL ACADEMY

Schuylkill Haven Area High School offers its students a unique opportunity to participate in a virtual learning environment. Any student interested in this option should consult with their guidance counselor to see the possibilities of enrolling in the program. Students who are not successful in the traditional setting will not be permitted in the virtual program without approval of the high school principal. Such students may be required to adhere to an academic support plan that will be put in place to ensure success. If a student is failing at any point in a Virtual Academy course, a student may be referred for truancy and/or be scheduled to return to the building.



## SCHUYLKILL TECHNOLOGY CENTER - COURSE SELECTION

Schuylkill Haven Area School District provides to its students the services of two vocational-technical schools and 20 specialized training programs. Our students attend the Schuylkill County Training and Technology Center at Frackville and the South Schuylkill County Vocational-Technical School at Marlin.

While attending the home school, students should take courses helpful to their planned program of studies at the Schuylkill Training and Technology Centers.

The Schuylkill Technology Center is an elective option of high school course selection designed to provide the basic technical skills to assist all students to prepare for a career in tomorrow's high tech workforce and enable students to get a "head start" on post-secondary career. Programs offer basic entry-level skills with "hands-on" training on computerized and technical equipment. Students must have completed the ninth grade to enroll in the Technology Center. All Schuylkill Technology Center Programs of Studies have articulation agreements to various post-secondary/higher education institutes, thus providing for advanced placement and advanced skill opportunities. More information regarding program of studies and articulation agreements can be obtained from Schuylkill Technology Center-Guidance Department at 570-544-4748 and 570-874-1034 or on the web at [www.stcenters.org](http://www.stcenters.org).

### Schuylkill Technology Center/ Program of Study (POS)

The Carl D. Perkins Career and Technical Education Improvement Act of 2006 requires the development and implementation of career and technical programs of study (POS). Programs of Study incorporate secondary education and postsecondary education elements; include coherent and rigorous content aligned with challenging academic standards and relevant career and technical content in a coordinated, non-duplicative progression of courses that align secondary education with postsecondary education to adequately prepare students to succeed in postsecondary education; may include the opportunity for secondary education students to participate in dual or concurrent enrollment programs or other ways to acquire postsecondary education credits and lead to an industry-recognized credential or certificate at the postsecondary level or an associate or baccalaureate degree.

#### Programs of Study Consist of:

- ✓ High Priority Occupation (HPO) from PA Department of Labor and Industry
- ✓ Align POS selection from PA approved CIPs
- ✓ Scope and Sequences of Courses
- ✓ Integration of Academics Standards
- ✓ Recognized PA Industry Certifications aligned to CIPs
- ✓ Statewide articulations for POS students to postsecondary institutions that continue career pathways
- ✓ Assessments for end of program at secondary and postsecondary (e.g. NOCTI)

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## Schuylkill Technology Center's Career Clusters and Program of Study

### Architecture and Construction

- Carpentry Technology
- Masonry Technology
- Plumbing & Heating Technology
- Residential/Industrial Electricity

### Health Science

- Health Careers

### Hospitality & Tourism

- Culinary Arts

### Human Services

- Cosmetology
- Early Child Care & Education

### Information Technology

- Computer Information Systems

### Law, Public Safety, & Security

- Criminal Justice

### Manufacturing

- Electromechanical
- Precision Machining Technology
- Welding Technology

### Marketing Sales & Service

- Business Management

### Transportation, Distribution & Logistics

- Automotive Technology
- Collision Repair & Custom Refinishing
- Diesel Technology
- Outdoor Power Equipment

### Senior Only Programs

- Diversified Occupations
- Emerging Health Professionals

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**Schuylkill Technology Center's  
Career Clusters and Program of Study  
Descriptions**

**Architecture and Construction**

**Carpentry Technology**

An instructional program that prepares individuals to apply technical knowledge and skills to lay-out, fabricate, erect, install and repair structures and fixtures using hand and power tools. This program includes instruction in common systems of framing, construction materials, estimating, blueprint reading and finish carpentry techniques.

**Masonry Technology**

An instructional program that prepares individuals to apply technical knowledge and skills in the laying and/or setting of brick, concrete block, glass block, hard tile, marble and related materials using trowels, levels, hammers, chisels and other hand tools.

**Plumbing & Heating Technology**

A program that prepares individuals to practice as licensed plumbers by applying technical knowledge, safety and skills to lay out, assemble, install and maintain plumbing fixtures and systems for steam, natural gas, oil, hot water, heating, cooling, drainage, lubricating, sprinkling and industrial processing systems in home and business environments. Includes instruction in source determination, water distribution, waste removal, pressure adjustment, basic physics, technical mathematics, blueprint reading, pipe installation, pumps, brazing and soldering, plumbing inspection and applicable codes and standards.

**Residential/Industrial Electricity**

An instructional program that prepares individuals to apply technical knowledge and skills necessary to install, operate, maintain and repair electrically-energized residential, commercial and industrial systems, and DC and AC motors, controls and electrical distribution panels. Instruction emphasizes practical application of mathematics, science, circuit diagrams and use of electrical codes and includes blueprint reading, sketching and other subjects essential for employment in the electrical occupations. Reading and interpretation of commercial and residential construction wiring codes and specifications, installation and maintenance of wiring, service and distribution networks within large construction complexes are also critical components of the program.

**Health Science**

**Health Careers**

A cluster program with a combination of subject matter and experiences designed to prepare individuals for entry-level employment in a minimum of three related health occupations under the supervision of a licensed health care professional. Instruction consists of core course content with clinical experiences in one or two health related occupations. The core curriculum consists of planned courses for introduction of health careers, basic anatomy and physiology, medical terminology, legal and ethical aspects of health care and communications and at least three planned courses for the knowledge and skills for the occupational area such as medical assisting, ward clerk, nursing assisting, etc.

**Hospitality & Tourism**

**Culinary Arts**

An instructional program that prepares students for employment related to institutional, commercial or self-owned food establishments or other food industry occupations. Instruction and specialized learning experiences include theory, laboratory and work experience related to planning, selecting, preparing and serving of quantity food and food products; nutritive values; use and care of commercial equipment; safety; and sanitation precautions. Instruction skills are provided to individuals desiring to become employed in all areas of the food service industry at entry level

**Human Services**

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### **Cosmetology**

An instructional program that prepares individuals to apply technical knowledge and skills related to experiences in a variety of beauty treatments including the care and beautification of the hair, complexion and hands. Instruction includes training in giving shampoos, rinses and scalp treatments; hair styling, setting, cutting, dyeing, tinting and bleaching; permanent waving; facials; manicuring; and hand and arm massaging. Bacteriology, anatomy, hygiene, sanitation, salon management including record keeping and customer relations are also emphasized. Instruction is designed to qualify pupils for the licensing examination.

### **Early Child Care and Education**

An instructional program that prepares individuals for a variety of occupations in child care and guidance often under the supervision of professional personnel in child or day care centers. This program includes instruction in growth and development; nutrition; program planning and management; safety; behavior guidance; play activities; child abuse and neglect; parent-child personal relationships; learning experiences for children; and laws, regulations and policies relating to child care services.

### **Information Technology**

#### **Computer Information Systems**

An instructional program that prepares individuals to apply technical knowledge and skills to support the design and development of software applications. This program is designed to provide the capacity to prepare and interpret process and data models, develop and structure software components and to validate the functionality, usability and reliability of those components. Validation skills include testing and debugging. System, component and user documentation is to be performed throughout the process. This program will provide students with the ability to integrate new and existing components. Students will receive instruction in at least two programming languages including at least one procedure-oriented language and one object and visually-oriented language. This course provides a thorough practical knowledge of the concepts, theories, logic and critical thinking skills required when building software applications. Students completing the program will possess a basic technical foundation needed to pursue postsecondary degrees leading to a career as a software developer, analyst project leader or in the management of information technologies. Students may prefer to immediately enter the labor market in an entry-level position as developer or analyst.

### **Law, Public Safety & Security**

#### **Criminal Justice**

An instructional program that prepares individuals for entering post-secondary educational coursework in the field of criminal justice. Individuals completing this program have the knowledge and skills to advance themselves in the various disciplines of criminal justice, including policing, corrections, probation and parole, security, communications, and crime scene management. They also have a requisite understanding of the use of force and health issues.

### **Manufacturing**

#### **Electronics Technology**

An instructional program that prepares individuals to apply basic electronic principles and technical skills to the production, calibration, estimation, testing, assembling, installation and maintenance of electronic equipment. Emphasis is on passive components and solid-state devices; digital circuits; optoelectronic devices; operational amplifiers; audio and RF amplifiers; oscillators; power supplies; and AM, FM and PCM modulators. Knowledge is acquired through theoretical instruction, experimentation and hands-on activities. Instruction will develop basic levels of knowledge, understanding and associated skills essential for entry-level employment in communications, industrial electronics, digital processing, robotics, avionics, biomedical technology and other electronics occupations.

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### **Pre-Engineering Technology**

An instructional program that prepares individuals to apply basic engineering principles and technical skills in both the mechanical and electrical fields. Instruction is planned to provide preparation in the design, development and testing of electromechanical devices and systems such as automatic control systems, servomechanisms, vending machines, elevator controls, missile controls, tape-control machines and auxiliary computer equipment. Instruction also includes feasibility testing of engineering concepts, systems analysis including designs, selection and testing and application of engineering data and the preparation of written reports and test results in support of mechanical and electrical engineers.

### **Precision Machining Technology**

An instructional program that prepares individuals to apply technical knowledge and skills in all aspects of shaping metal parts. Instruction involves making computations relating to work dimensions, tooling and feeds and speeds of machining. Emphasis is placed upon bench work and the operation of lathes, power saws, milling machines, grinders, drills and computer operated equipment (CNC and CIM). Instruction also includes the use of precision measuring instruments such as layout tools, micrometers and gauges; methods of machining and heat treatment of various metals; blueprint reading; and the layout of machine parts. Instruction prepares students to operate all types of hand and computer controlled machines.

### **Welding Technology**

An instructional program that prepares individuals to apply technical knowledge and skills in gas, arc, shielded and non-shielded metal arc, brazing, flame cutting. Hand, semi-automatic and automatic welding processes are also included in the instruction. Students learn safety practices and types and uses of electrodes; properties of metals; blueprint reading; electrical principles; welding symbols and mechanical drawing; use of equipment for testing welds by ultrasonic methods and destruction and hardness testing; use of manuals and specification charts; use of portable grinders and chemical baths for surface cleaning; positioning and clamping; and welding standards established by the American Welding Society, American Society of Mechanical Engineers and American Bureau of Ships.

### **Marketing Sales & Service**

#### **Business Management**

An instructional program that provides instruction in the fields of sales, distribution and marketing operations and focuses on the process and techniques of direct wholesale and retail buying and selling operations. This program is concerned with marketing, sales, distribution, merchandising and management including ownership and management of enterprises engaged in marketing. Marketing education programs prepare individuals to perform one or more marketing function such as selling, pricing, promotion, product/service management, distribution, financing and marketing information management. In addition, instructional programs include varying emphasis on technical knowledge of products and/or services marketed; related communication, economic, technological and computation skills; and abilities and attitudes associated with human relations. The program may also include management functions associated with owning and operating a business. Sales, distribution and marketing operations prepares individuals for occupations in such businesses as retail and wholesale trade, finance, insurance, real estate, entertainment, hospitality, food service, communications, storage and distribution.

### **Transportation, Distribution & Logistics**

#### **Automotive Technology**

An instructional program that prepares individuals to apply technical knowledge and skills to engage in the servicing and maintenance of all types of automobiles and light trucks. This program includes instruction in the diagnosis and testing, including computer analysis, of malfunctions in and repair of engines, fuel, electrical, cooling and brake systems and drive train and suspension systems. Instruction is also given in the adjustment and repair of individual components and systems such as cooling systems, drive trains, fuel system components and air conditioning and includes the use of technical repair information and the state inspection procedures.

### **Collision Repair & Custom Refinishing**



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An instructional program that prepares individuals to apply technical knowledge and skills to repair damaged automotive vehicles such as automobiles and light trucks. Students learn to examine damaged vehicles and estimate cost of repairs; remove, repair and replace upholstery, accessories, electrical and hydraulic window and seat operating equipment and trim to gain access to vehicle body and fenders; remove and replace glass; repair dented areas; replace excessively damaged fenders, panels and grills; straighten bent frames or unibody structures using hydraulic jacks and pulling devices; and file, grind and sand repaired surfaces using power tools and hand tools. Students refinish repaired surfaces by painting with primer and finish coat.

### **Diesel Technology**

This is an instructional program that prepares individuals to apply technical knowledge and skills to the specialized maintenance and repair of trucks, buses, and other commercial and industrial vehicles. The program includes instruction in diesel engine mechanics, suspension and steering, brake systems, electrical and electronic systems, preventive maintenance inspections, drive trains, HVAC systems, and auxiliary equipment installation and repair.

### **Small Engine Technology**

An instructional program that prepares individuals to apply technical knowledge and skills to repair, service, maintain and diagnose problems on a variety of small internal-combustion gasoline engines and related systems used on portable power equipment such as lawn and garden equipment, chain saws, outboard motors, rotor tillers, snowmobiles, lawn mowers, motorcycles, personal watercraft and pumps and generators. This program includes instruction in the principles of the internal-combustion engine and all systems related to the powered unit. Instruction also includes the use of technical and service manuals, state inspection code, care and use of tools and test equipment, engine tune-up/maintenance, engine overhaul, troubleshooting and diagnostic techniques, drive lines and propulsion systems, electrical and electronic systems, suspension and steering systems and service operations and parts management.

## **Senior Only Programs**

### **Diversified Occupations**

Students currently attending Schuylkill County school districts have the option to participate in a "Diversified Occupations" program offered through the supervision of the Schuylkill Technology Center. The Diversified Occupations (D.O.) one year program prepares students to develop marketable workforce skills through related theory assignments and job training connected with actual employment opportunities. A secondary student may apply for admission to the D.O. program under the following conditions: (1) STC does not offer a related occupational training program, or (2) STC program enrollments are to capacity. Specific student eligibility requirements include the following:

- Parent/guardian approval
- Full endorsement from sending district administration / staff
- An approved job site (with worker's compensation insurance)
- Transportation (to and from the job site)
- Valid PA driver's license and insurance
- Appropriate work dress
- Required Personal Protective Equipment (PPE)
- Necessary tools and/or equipment
- STC/Employer Training Agreement

The Diversified Occupations program is supervised by the STC Cooperative Education Coordinator, who will also administer one required 45 minute related theory class per week, which will include related workforce topics such as resume development, work ethics, and workplace safety. The employer and D. O. Coordinator will produce a "Training Plan" outlining the student's job related tasks and responsibilities connected to current industry standards and OSHA safety regulations. Student evaluation will be determined by related theory assignments, and employer evaluations from the job site.

## **Emerging Health Professionals**

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The Emerging Health Professional is a partnership between Penn State Schuylkill, Lehigh Valley Health Network, and other medical facilities. The Emerging Health Professional dual-enrollment program combines skills—based, interactive and university level classroom learning with shadowing in the health care setting. The program is designed to prepare students for post-secondary education by offering a college science course. Students spend two half-days a week with Penn State faculty and will spend two half-days a week participating in activities at Lehigh Valley Health Network. Students spend one half day a week participating in health curriculum taught by the STC instructor at STC North Campus.

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## **Academic Courses**

### **AMERICAN STUDIES I- 1credit**

American Studies is a course that focuses on the history of the United States from 1492 to 1877 (Exploration through Reconstruction). Through readings, literature excerpts, political cartoons, simulations, technology projects and more, students will gain insight into the nation's past by examining period accounts and first person voices. Students will use varied resources to examine the links and make connections between events being studied in the textbook/learning guides and events that are taking place today. The major focus is the state history standards: content, chronology, analysis, and interpretation. Related concepts found in the state civics, economics, and geography standards are a supporting focus.

### **AMERICAN STUDIES II- 1credit**

American Studies is a course that focuses on the history of the United States from 1900 to present (Progressive Era through Modern Day America). Through readings, literature excerpts, political cartoons, simulations, technology projects and more, students will gain insight into the nation's past by examining period accounts and first person voices. Students will use varied resources to examine the links and make connections between events being studied in the textbook/learning guides and events that are taking place today. The major focus is the state history standards: content, chronology, analysis, and interpretation. Related concepts found in the state civics, economics, and geography standards are a supporting focus.

### **WORLD STUDIES - 1credit**

World Studies is a course focusing on the diverse ways of life found around the world. Through study of the pertinent issues to the major regions of the world, students will recognize and evaluate the relationships between people, places, regions, and environments. Students will further explore how physical environments affect human events and build a global perspective that allows them to understand the connections between global and national issues. The major focus is the state's geography standards: maps, environments, places, and regions. Related concepts found in the state civics, economics, and history standards are a supporting focus.

### **CIVICS/ECONOMICS - 1credit**

Civics/Economics is a course that is comprised of two disciplines. Economics is a course that teaches students how to make reasoned economic choices and provide ways they can effectively participate in an increasingly competitive and interdependent global economy. Students will assess the impact of market influences and governmental actions on our economy through the use of real world economic applications and analyze how different economic systems interact. In Civics, students will learn about the basic freedoms traditionally enjoyed by American citizens and about the qualities of a good citizen. Students will explore issues about U.S. citizenship and their rights and responsibilities and roles in their communities by putting them in decision-making simulations and assessments that will enable them to acquire the skills necessary to participate in our democratic processes. The major focus of the course is state civics (government, politics, participation, citizenship) and economics (microeconomics, macroeconomics, economic systems, and international trade) standards. Related concepts found in the state geography and history standards are a supporting focus.

### **School-to-Work Opportunity**

Cooperative education is a structured program integrating classroom activities (emphasis placed on employability skills) with work experiences in a field related to a student's program of study. Cooperative education is a partnership among students, educational institutions and employers, with specified responsibilities for each party.

Who is eligible to participate: Students (third year, Level III) who have completed 75% of the program, which already have a job or a good prospect for a job defined by the student's career objective.

What are the requirements: Students must be recommended by their course instructor and have a completed résumé. Attendance, grades, attitude, and behavior are considered in the decision-making process.

- Work permit (if under 18 years of age)
  - Approved student transportation
  - Proof of auto insurance
  - Senior Portfolio obligation
- All school debts must be satisfied  
Valid PA driver's license  
Up-to-date task listing

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## ACADEMIC VOCATIONAL COURSES

While at the home school, vocational students have rigorous academic schedules. The following are the requirements for vocational students while at the home school:

### 9<sup>th</sup> Grade

English	1 credit
Mathematics	1 credit
Science	1 credit
Physical Education/Health	.5 credit
Elective	.5 credit

### 10<sup>th</sup> Grade

English	1 credit
Mathematics	1 credit
Science	1 credit
Physical Education	.25 credit
Driver's Education	.25 credit
Elective	.5 credit

### 11<sup>th</sup> Grade

English	1 credit
Mathematics	1 credit
Science	1 credit
YES Program	.5 credit
Elective	.5 credit

### 12<sup>th</sup> Grade

English	1 credit
Mathematics	1 credit
Science	.5 credit
YES Program	.5 credit
Elective	1 credit
Senior Project	.25 credit
Service Learning	.25 credit

### IMPORTANT PREREQUISITES

- Algebra 1 is a prerequisite for those students desiring to take one of the technical courses at the Schuylkill Training and Technology Center. These courses are Electronic Technology, Drafting and Design Technology, Computer Networking and Computer Technology and Machine Trade Technology.
- Chemistry and Physics are recommended for students entering a technical field or nursing careers.



# GRADUATION REQUIREMENTS: GRADES 9-12

Subject Area	Credits
English	4.00
Social Studies	4.00
Mathematics	4.00
Science	4.00
Physical Education	2.00
Health and Safety	.50
Art / Music	.50
Technology Education	.50
YES Program (YES 1)	.50
Business & Computer Technology (YES 2 or Personal Finance will satisfy this requirement)	.50
Electives	3.25
Driver's Education	.25
Senior Independent Writing Project	.25
Service Learning Project	.25
<b>Total Minimum Credits for Graduation</b>	<b>24.50</b>

## COURSE REQUIREMENTS

### Freshman Schedule

English 9 A/B or Honors English 9  
 American Cultures I  
 Algebra 1 or Algebra 2 A/B (or Honors) or Geometry (or Honors)  
 Biology (or Honors)  
 Environmental Science (9th Grade)  
 Physical Education  
 Health  
 Elective Courses

### Junior Schedule

English 11 A/B or Honors English 11  
 American Government  
 Geometry, Pre-Calculus (or Honors), Statistics, or Integrated Math  
 Science Elective Options:  
     Applied Chemistry A/B  
     Astronomy  
     Environmental Science 2  
     Marine Biology  
     Meteorology  
     Nanotechnology  
     Physics (AP, Advanced, or Motion/Mechanics)  
     Anatomy and Physiology Honors  
     AP Biology  
     Advanced Chemistry  
 Physical Education  
 YES Program (Yes 1 (Required) & 2 or Personal Finance)  
 Elective Courses

### Sophomore Schedule

English 10 A/B or Honors English 10  
 American Cultures II  
 Algebra 2A/B or Geometry (or Honors) or Pre-Calculus (or Honors)  
 Applied Chemistry A/B or Chemistry (or Honors)  
 Physical Education  
 Driver's Education  
 Elective Courses

### Senior Schedule

English 12 A/B or Honors English 12 or AP Literature or AP Language  
 Economics & World Tensions  
 Integrated Math, Pre-Calculus, Statistics, AP Statistics, Calculus,  
     AP Calculus, or Accounting  
 Science Elective Options:  
     Astronomy  
     Environmental Science 2  
     Marine Biology  
     Meteorology  
     Nanotechnology  
     Physics (AP, Advanced, or Motion/Mechanics)  
     Anatomy and Physiology Honors  
     AP Biology  
     Advanced or AP Chemistry  
     AP Environmental Science  
 Physical Education  
 Senior Research Project  
 YES Program (Yes 1 (Required in Gr. 11) & 2 or Personal Finance)  
 Elective Courses



# EIGHTH GRADE CURRICULUM REQUIREMENTS

## Subject Area

- English Language Arts
- Social Studies
- Keystone Algebra 8 or Algebra 8
- Foundations of Science
- Media Literacy
- Foreign Language\*
  - o German or Spanish
- Physical Education and Health
- Music, Art, and Library
- 8th Grade Seminar (Topics include Bullying Prevention, Cyberbullying Prevention, Careers, Organizational Skills, Character Development, Personal Responsibility, and Guest Speakers)

\*Students who have reached the advanced levels on their PSSAs in both areas of English Language Arts and Mathematics may opt for a full year of foreign language.

The English Language Arts program includes an extensive study of grammar, various types of vocabulary lessons, an inspection of several genres of literature, and writing assignments. Writing assignments are designed to provide practice with both informational and persuasive texts. The literature study includes myths, novels, short stories, and poems. Each component of the literature will include reading assignments, quizzes, tests, writing assignments, and/or projects. Students are required to write papers, prepare projects, and deliver oral presentations on the myths. Students will read Homer's, The Iliad and respond critically to essential questions and key learning concerning pride, anger, grief, heroics, values, and judgment. In developing an understanding of and an appreciation for the oral tradition, students will be expected to engage in critical thinking and in-depth classroom discussions concerning theme and character analyses.

## GRADE POLICY

The following policy applies to all courses in the high school. Its purpose is to provide a balanced and fair system of grading.

Students should pay close attention to the determination of a final grade. Students must have at least the minimum academic points accumulated and meet course requirements. **A student can fail a course with any average if course requirements are not met.**

## REPORT CARD GRADES

The following are numerical cut-off points in the Schuylkill Haven Area High School:

- A 93 - 100
- B 84 - 92
- C 76 - 83
- D 69 - 75
- F Below 69

## LOWEST PERCENTAGE GRADE EARNED

The lowest report card grade per marking period is listed below:

	MARKING PERIODS			
	1	2	3	4
Full Year Course	55	0	0	0
Fall Semester Course	0	0		
Spring Semester Course			0	0

## ACADEMIC FAILURE

A failure for not receiving the minimum number of points is a failure, which requires that a course or substantial portion of a course be repeated. This shall be referred to as an academic failure.

Students who receive an “academic failure” may makeup a course in one of several ways following consultation with the teacher involved and guidance department and with approval of the principal.

1. Repeat the entire course.
2. Attend our credit recovery system\*

\*A student who elects to repeat the course through our Summer Credit Recovery Program must maintain a minimum final grade of no less than 50% in that course. Any student who has a final grade below a 50% will not be eligible for the Summer Credit Recovery Program without the permission of the principal.

### FAILURE FOR COURSE REQUIREMENTS

When the minimum number of points has been met but a student has not completed some parts of the course such as a project, term paper or other requirement, the student shall be given a failing grade for the course. **A listing of the requirements shall be noted on the syllabus filed by the teacher in the office.** This deficiency can be made up after the failure has been given. In order to do so the student must confer with the teacher to arrange for makeup. The makeup must be wholly completed within three weeks of the notification of the failure for course requirements. **During the first week of classes students must be informed of all course requirements.**

### HONOR ROLL

At the conclusion of each grading period, honor roll is established for publication in the local newspapers and to the local student body. This honor roll distinguishes those students who achieved academic success in an outstanding manner. To be eligible for honor roll or distinguished honor roll you must have the following criteria:

Distinguished Honor Roll – All grades must be a 93% or higher (Students may not have any unsatisfactory marks)

Honor Roll – All grades must be an 84% or higher (Students may not have any unsatisfactory marks)

*An incomplete grade will exclude a student from honor roll.*

### INCOMPLETE GRADES

All incomplete grades given by teachers must be made up within **three weeks** following the close of the marking period. If they are not made up at that time, they will convert to an “F”. Incompletes are given at the end of the school year only if medically excused. Students with incompletes are excluded from the honor roll.

### QUALITY POINTS – CLASS RANK

To compute quality points for a regular course, the final course percentage is multiplied by the credit value of the course. To compute quality points for an honors class, the final course percentage is multiplied by the credit value of the course and then by 1.25 if the final grade is an 84% or higher. To compute quality points for an AP course, the final course percentage is multiplied by the credit value of the course and then by 1.33 if the student successfully completes the AP exam, and the final grade is an 84% or higher. The student with the most quality points earned will be ranked first in the class.

### CEEB AP and CLEP Courses

AP Biology	AP Calculus	AP Chemistry
AP Environmental Science	AP Government	
AP Language & Comp	AP Literature & Comp	
CLEP Accounting	AP Statistics	

### Honors Courses

Honors Algebra 2	Honors English 9, 10, 11 & 12	Pre-Calculus Honors
Anatomy & Physiology Honors	Advanced Chemistry	Advanced Physics
Honors Biology and Chemistry	German 3/4	
Spanish 3/4	Honors Geometry	

## DETERMINING FINAL AVERAGES

1. A "U" or an "I" will keep a student off the honor roll.
2. The final average for all other courses will be the numerical average of all marking period grades.

## PROMOTION POLICY

The following are the minimum of credits needed to attain the status of freshmen, sophomore, junior, or senior:

Freshman	0 - 5.0
Sophomore	5.1 - 11.0
Junior	11.1 - 17.0
Senior	17.1 and above (24.50 credits are needed for graduation)

Students may take courses on the next level but will not attain that status until the minimum number of credits is earned.

## GRADUATION POLICY

A student must successfully complete all required courses in order to graduate. Students must complete the community service requirement (minimum 48 hours) and the senior project. Students who have met all requirements shall be awarded a diploma if financial and other obligations have been met. Students must meet all graduation requirements in order to participate in graduation activities, including "walking" during the graduation ceremony.

### GRADUATION AND FINANCIAL OBLIGATIONS

Students who owe money, parts of uniforms, or other obligations to the school shall receive a blank diploma. Upon paying the obligation or returning parts of uniforms in good condition, the diploma can be secured from the high school office.

### INCOMPLETE GRADES

A student who has an incomplete in a course(s) in the second semester of his/her senior year will be allowed to participate in graduation ceremonies provided he or she has a valid medical excuse or family emergency as verified by building administration.

## FINANCIAL AND OTHER OBLIGATIONS IN GENERAL

Students must meet financial and other obligations to receive a report card. Report cards are held in the office **until the obligations are met**. Obligations include but are not limited to:

1. Overdue library books.
2. Money owed for lost books (text and library).
3. Uniforms and parts of uniforms
4. Items loaned to the student by the school.

Any parent or student submitting a check to the school district that is returned due to insufficient funds will be required to pay a \$15.00 service charge to the Schuylkill Haven School Activity Account.

## DROPPING & ADDING CLASSES

Students may drop or add the first six (6) days of the school year for yearlong courses. Fall and spring semester courses may be added or dropped during the first three (3) days of the semester. Students may NOT drop or add classes after those times. Under extreme circumstances, students may be allowed to drop a class, but only with the permission of the principal and school counselor.

## REPORT CARDS

Report cards are prepared at the end of each nine-week period during the school year. The purpose of these reports is to inform the student and parents of continuing progress in subject matter areas. The following system of marking is utilized:

93-100	Excellent	I	Incomplete Work (Failure unless completed)
84-92	Good	M	Medically Excused
76-83	Average	S	Satisfactory
69-75	Passing	U	Unsatisfactory
0-68	Failure	O	Outstanding

## DUAL ENROLLMENT



Schuylkill Haven Area School District will partner in dual enrollment programs with Pennsylvania State University (Schuylkill Campus) in order to:

- 1) Offer students the opportunity to explore career options in the higher education environment
- 2) Offer potential financial relief to parents and students
- 3) Be competitive in relation to educational program opportunities for students planning to continue formal educational training
- 4) Prepare students for college, especially the concept of studying
- 5) To gain college credit while still in high school

PROCEDURES

Dual enrollment is open to Schuylkill Haven Area High School Juniors and Seniors. In order to participate students must:

- Conference with a school counselor
- Meet entrance requirements of the institution of higher education
- Obtain parent permission
- Understand all aspects of the program listed below

DUAL ENROLLMENT: PENN STATE SCHUYLKILL

- Classes will be held on Penn State Schuylkill's campus
- Students will need two (2) Schuylkill Haven periods "blocked out" in their schedule
- Numerical Grade: Equivalency (see below)
- Credit: Penn State Schuylkill courses count as an Elective. A PSU 3 credit semester course will be .5 Haven credit.
- Quality points: final grade is multiplied by 1.0 (no weight)
- Credit limit for the grades remain (8 –Juniors / 8.5 – Seniors). If a student has the maximum amount of Schuylkill Haven credits scheduled and then takes a PSU class at night, the Penn State class cannot substitute for Schuylkill Haven credit.
- Only Fall and Spring Semesters count for Schuylkill Haven (PSU summer school courses do not count)
- Students must meet Penn State's admission criteria (Juniors: Standardized test score [PSAT, SAT, ACT], school/administrative recommendation, transcripts, possible placement test; Seniors: school/administrative recommendation and transcripts).
- Students would report to study hall when not on the university's campus or when the course ends. On alternate days when the university class is not held, students will be scheduled into an appropriate class or study hall.
- Students are expected to sign in and out of the building.
- PSU grading/academic policies (not Schuylkill Haven's) apply for the course being taken
- Any concerns about the course/professor/grade must be directed to PSU (not Schuylkill Haven).
- Drop/add procedures will follow PSU and Schuylkill Haven's policies
- Students must sign PSU's permission slip to release their grades to Schuylkill Haven
- Students will be responsible for all tuition and fees and provide their own transportation

SCHUYLKILL HAVEN GRADING SYSTEM		PSU	HAVEN EQUIVALENCY
A	100-93	A	97
		A-	93
B	92-84	B+	90
		B	87
		B-	84
C	83-76	C+	81
		C	78
D	75-69	D	75

#### DUAL ENROLLMENT: COURSES HELD AT SCHUYLKILL HAVEN AREA HIGH SCHOOL\*

- Classes will be held in Schuylkill Haven Area High School during the regular school day.
- Courses will be a blended format.
- Numerical Grade will be equivalent to the SHAHS grading scale
- Credit: Penn State Schuylkill courses count as an Elective. A PSU 3 credit semester course will be .5 Haven credit.
- Quality points: final grade is multiplied by 1.33 if the final grade is an 84% or higher, similar to AP courses.
- Credit limit for the grades remain (8 – Juniors / 8.5 – Seniors).
- Students must meet Penn State's admission criteria (Standardized test scores [PSAT, SAT, ACT], school/administrative recommendation, transcripts, and/or possible placement test).
- PSU grading/academic policies and Schuylkill Haven's apply for the course being taken
- Any concerns about the course/professor/grade must be directed to PSU and Schuylkill Haven.
- Drop/add procedures will follow PSU and Schuylkill Haven's policies
- Students must sign PSU's permission slip to release their grades to Schuylkill Haven
- Students will be responsible for all tuition and fees

\*Emerging Health Professionals dual enrollment classes through the Schuylkill Technology Center and Penn State Schuylkill fall within these guidelines.

# SENIOR RESEARCH PROJECT

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## SENIOR RESEARCH PROJECT

### **224 Senior Research Mandatory Project (Grade 12 - 0.25 Credit)**

This project is a mandatory graduation requirement. The project begins during the junior year. Each student will select a topic of interest from a wide selection of subjects and proceed to the research stage. Students will complete a research paper within their junior English class. As seniors, students will once again select a topic for research, or use the same topic as they used as juniors. Students may choose to work alone or with a partner. They will be assigned a faculty advisor. Sometime during the second semester, they will give oral presentations of their research to an appropriate audience. Their assessments will be based on their presentations and will be completed by the faculty.

# COURSE OFFERINGS



- DENOTES THAT A KEYSTONE EXAM WILL BE ADMINISTERED AT THE CONCLUSION OF THAT CLASS



## ART DEPARTMENT

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### **H501 Intro to Ceramics (Grades 9-12)**

An introduction to hand-building pottery techniques, students will learn to pinch pot, coil, drape, slab and use a combination of techniques. Students will learn glazing techniques and the properties of clay.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

### **H502 Ceramics 1 (Grades 10-12)**

In this course, students will build on learned hand building techniques and learn new advanced hand building techniques. Students will also learn about and use advanced glazing processes, techniques, and materials.

Prerequisite: Introduction to Ceramics

6 days per cycle

Semester Course (0.5 Credit)

### **H503 Ceramics 2 (Grades 11-12)**

In this course, students will continue to develop advanced hand building skills and glazing techniques. Students in Ceramics 2 are expected to have a strong focus and work towards building a uniform body of work.

Prerequisite: Ceramics 1 (recommended 90% or better)

6 days per cycle

Semester Course (0.5 Credit)

### **H504 Photography 1 (Grades 9-12)**

Introduction to Photography. Students will get a survey of photography using point and shoot cameras. They will learn photography basics such as developing negatives and developing prints. Students will explore the work of a professional photographer and make a presentation to the class.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

### **H505 Photography 2 (Grades 10-12)**

Intermediate Photography. Students will use a manual camera and learn how to use shutter speed and aperture. Students will also learn advanced printing techniques.

Prerequisite: Photo 1 (recommended 87% or better)

6 days per cycle

Semester Course (0.5 Credit)

### **H506 Photography 3 (Grades 11-12)**

Advanced Photography. This course is designed for advanced students to further their photography experience. Students will focus on making their own bodies of work and learning skills to set up and run their own darkroom.

Prerequisite: Photo 2 (recommended 90% or better)

6 days per cycle

Semester Course (0.5 Credit)

### **H510 Design 1 (Grades 9-12)**

Design I is an advanced high school art course for students with a talent and interest in art. The focus of this course will be on the elements and principles of design. Students will use a variety of media as a means to create two-dimensional work. The following is a list of art techniques and processes to be investigated: Drawing, Painting, Collage, Frottage Printmaking, Relief Printmaking, Calligraphy and Silk Screening.

Prerequisite: Recommended that the student has passed one of the following art courses prior to entering Design I: Foundations, Illustration, Drawing, Painting I, Intro to Ceramics or Photography.

6 days per cycle

Semester Course (0.5 Credit)

### **H511 Design 2 (Grades 9-12)**

A continuation of Design 1, the focus will be 3-D and 2-D design principles, using a variety of media. A sketchbook is a requirement for this class.

Prerequisite: Design 1 (recommended 90% or better)

6 days per cycle

Semester Course (0.5 Credit)

### **H512 Design 3 (Grades 10-12)**

An advanced study of various media.

Prerequisite: Design 2 (recommended 93% or better)

6 days per cycle

Year Course (1.0 Credit)

**H513 Illustration (Grades 9-12)**

Illustration focuses on drawing techniques and processes as well as an exploration of media possibilities. The reason and methods of illustration and illustrators will be investigated in a historical and cultural perspective.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

**H514 Digital Design (Grades 9-12)**

Students will become familiar with Adobe Photoshop. Student work will focus on producing and understanding computer-based images while also stressing the elements and principles of design. Most work will be created using the computer but some work will be hand made with computer assistance.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

**H516 Painting 1 (Grades 10-12)**

Students will get an overview of various painters and painting techniques.

Prerequisite: Foundations of Art, Drawing or Illustration

6 days per cycle

Semester Course (0.5 Credit)

**H517 Painting 2 (Grades 10-12)**

Students will continue their studies of various painters and painting techniques. In painting 2 the students will form a portfolio of work based off of their own theme.

Prerequisite: Painting 1

6 days per cycle

Semester Course (0.5 Credit)

**H523 Ceramics 3 (Grade 12)**

An advanced pottery class for students to explore their own ceramic styles.

Prerequisite: Ceramics 2 (recommended 93% or better)

6 days per cycle

Semester Course (0.5 Credit)

**H526 Portfolio Preparation (Grade 12)**

This is the capstone course for the serious art student looking to pursue art studies after graduation. The goal of this course is to build a well-rounded portfolio with a concentration on the student's area of interest. Discussions will include college art programs and their requirements. The portfolio prep students are also required to organize and display their work at the culmination of the school year.

Prerequisite: 2 or more art classes, and 1 advanced art class (ex.

Ceramics 1, 2,3, Photography 2, Painting 2,

Illustration, or Drawing)

6 days per cycle

Year Course (1.0 Credit)

**H528 Foundations in Art (Grades 9-12)**

This course is for the beginner level student. Students will be introduced to any of the following artistic media: drawing, painting, printmaking, crafts, 2D and 3D design.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

**H530 Drawing (Grades 9-12)**

This course presents drawing concepts that can serve as a foundation for drawing itself and benefits other visual arts disciplines. The basic fundamentals of drawing, line form, gesture, and spatial illusion, will be examined. Studio practice will emphasize observational drawing to provide concrete and measurable examples of pictorial space.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)



## **BUSINESS AND TECHNOLOGY DEPARTMENT**

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### **H807 Entrepreneurship (Grades 11-12)**

The reality of opening and maintaining a business will be taught in this course. Skills in planning, finance and salesmanship will be explored. As a course requirement, students will write, for their own business, a comprehensive business plan covering start-up processes, financing, property and materials acquisition, sales and marketing, personnel and expansion.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

### **H812 Accounting 1 (Grades 9-12)**

This first year accounting course will give students a thorough background in the basic accounting procedures used to operate a business. The accounting procedures presented will also serve as a sound background for employment in office jobs and preparation for studying accounting in college. Accounting 1 provides complete coverage of accounting for proprietorship type service and businesses and introduces accounting for service and merchandising corporations. The complete accounting cycle covering analyzing transactions, journalizing, posting, petty cash, financial statements, and adjusting and closing entries is presented. Special journals are introduced near the midpoint of the course.

Prerequisite: None

6 days per cycle

Year Course (1.0 Credit)

### **H813 Accounting 2 (Grades 10 - 12)**

Accounting 2 is a continuation of the Accounting 1 course. Accounting 2 continues coverage of accounting for a partnership and introduces accounting for a partnership. The complete accounting cycle will be presented – analyzing transactions, journalizing, posting, financial statements, and adjusting/closing entries. Most work is completed with the use of the computer. This class will only count as a math credit during the senior year.

Prerequisite: Accounting 1 (successful completion)

6 days per cycle

Year Course (1.0 Credit)

### **H814 CLEP College Accounting (Grades 11-12) (Advanced Placement Level Course)**

This course will introduce accounting principles and procedures to the business and non-business student alike using a college text and taught at a college pace. Students planning on a career in accounting will benefit greatly from this class. College prep and academic students planning on majoring in accounting, management, marketing, finance, law, medicine, or education will find this course essential for their continued studies in their chosen field. Students planning on opening their own business in the future should not pass up this course. At the course completion, students will take the CLEP test, which if passed, will grant college credit at colleges and universities in Pennsylvania.

Prerequisite: Successful completion of Accounting 1 or an 84% overall average in all classes.

6 days per cycle

Year Course (1.0 Credit)

### **H818 Personal Law (Grades 10-12)**

Personal Law is meant to give students an introduction to personal, practical law. The course is designed to prepare students to recognize and understand how the law works in their communities and throughout the country. It shows students how the law strives to promote fairness, equal justice, and individual rights so that they will understand the value of acting as responsible citizens. The aim of the course is to give students a working knowledge of the law-help them avoid legal problems and show them how to handle problems of this type if they occur. This course is not a substitute for professional legal advice for specific legal problems.

One of the main purposes of this course is to provide students with an understanding of the legal system of the United States. The course discusses the protections the legal system affords its citizens and explains what the system expects from people. Principles of law are discussed using case studies illustrating how the law affected a particular individual in a particular situation. By studying the situations that arise when people become involved with the law, students understand the practical application of the legal process.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

### **H820 Internship (Grades 11-12)**

This program is open to juniors and seniors and involves exposure to a particular career and release time from school for structured work experience in a business, a non-profit organization, an educational setting, or some other workplace. The purpose of this program is to prepare our students for the world of work and to have them examine their career interests and opportunities for continuing education. Students are released from school each day to complete their internship for academic credit.

It is mandatory for students who wish to participate in this program to have their own transportation or be able to walk to their internship. Students must also attend an orientation meeting with coordinator(s) to acquaint themselves with the program.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

**H826 Video Productions (Grades 9-12)****H830 Video Productions 2 (Grades 9-12)**

Students will learn the fundamentals of video production, including the techniques and the aesthetics of shooting, lighting, and editing. The course will emphasize hands-on production experience, using small format video (m4v) and "household" quality equipment, including Flip cameras and the iMovie and GarageBand software packages.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

**H827 Personal Finance and Investments (Grade 11-12)**

Students will explore sources of personal income, saving and consumer spending patterns. They will develop techniques for planning and budgeting, consumption, expenditures and saving, with special emphasis on the use of saving allocations to achieve personal goals; real property, insurance, financial investment, retirement, estate and tax planning. This course will inform students how individual choices directly influence occupational goals and future earnings potential. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance and debt and credit management. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

May be used as Graduation Requirement in conjunction with YES 1

**H828 Word & Excel for Business (Grades 9-12)**

This course will provide the student with the most popular form of an electronic spreadsheet. The student will learn how to format business forms, perform calculations, write formulas, sort and filter data, and prepare charts used in presenting data.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

**H844 Web Development (Grades 9-12)**

The focus of this course will be web site development. Topics covered in this class will include HTML, Flash, FoxPro, and e-commerce.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

**H855 YES 1 (Grades 11-12)****H856 YES 2 (Grades 11-12)**

This employability skills program is designed to prepare students to meet the needs of the employment community and to develop a student's employability skills. The seven major areas of study are: communication, teamwork, personal development, technology, safety and health, quality, and math. The goal of the course is for students to develop working knowledge and behaviors which will enhance their ability to acquire and retain employment in the 21<sup>st</sup> century. Students meeting the requirements may earn the YES certificate through this course.

\*\*Students who wish to complete the YES Certification Program must meet the requirements for both YES 1 & YES 2.

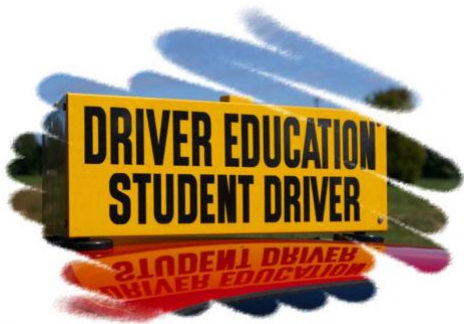
Required for Graduation: YES 1

Required for Graduation: YES 2 or Personal Finance and Investments

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)



## **DRIVER'S EDUCATION DEPARTMENT**

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### **H703 Driver's Education (Grades 10-12)**

Driver's Education is a course designed to teach students knowledge and understandings about their psychophysical characteristics and limits, their rights and duties as a member of society; and their obligation to observe natural and man-made laws. The students also learn skills and abilities necessary to cope with the dangers of modern driving environments; and they learn techniques necessary for survival with emphasis on "Defensive, Sportsman-Like Driving." This psychological and sociological training develops socio-economic attitudes and habits conducive to an "accident free life" necessary for one to enjoy freedom and mobility.

Prerequisite: None

6 days per cycle

Marking Period Course (0.25 Credit)





has not completed the work at that time will be dropped from the course.

Prerequisite: see above  
6 days per cycle  
Year Course (1.0 Credit)

### **H243 Literature and Culture (Grades 10-12)**

What does it mean when you're reading a story or watching a show and someone says "I've a feeling we're not in Kansas anymore?" How about when you see a meme online and it references a horcrux being destroyed? Why do we reference other works of art to make our points? This course will be a study of famous literary and cultural references from "art," including novels, poems, plays, etc but also branching out when needed or relevant to include pop art. In addition, we will look at some of the more common patterns in story-telling, like "The Hero's Journey," the rags-to-riches concept, and/or fairy-tale patterns. Students will be expected to have completed the

Prerequisite: 9<sup>th</sup> Grade English  
6 days per cycle  
Semester Course (0.5 Credit)

### **H244 Creative Writing (Grades 11-12)**

This semester-long elective course will be open to interested juniors and seniors who have earned an 80% or better in their previous English classes. Elements of writing such as voice, narration, dialogue, character, theme, tone, and story will be stressed. Genres will include poetry, short stories, and script writing. Much of the writing will be completed in class to allow for peer editing; therefore, students will be expected to share some of their writing with other members of the class.

Prerequisite: None  
6 days per cycle  
Semester Course (0.5 Credit)

### **H247 World Literature (Grades 11-12)**

This analytical and interpretive elective course will explore major concepts and themes represented by American and British authors. An emphasis will be placed on critical readings of novels and short stories. Through studying the salient aspects of novels and short stories, students will accomplish a varied repertoire of skills. We will also touch upon the social, philosophical, cultural, historical and political milieu against which these authors produced their works. Aside from the required course reading, students are required to read a novel outside of class and write a book review for that book. Grading is based upon class participation, tests, quizzes, essays and presentations.

Prerequisite: None  
6 days per cycle  
Semester Course (0.5 Credit)

### **H249 American Writers (Grades 11-12)**

This elective course is designed to prepare students for future studies of Literature beyond the high school classroom. The course consists of an in depth study of literary terms and devices designed to engage the student in higher level thinking. The terms and

devices will be linked to a series of works of literature, drama and poetry from American authors. The student will learn to read independently, critically, and analytically, through the study of several American authors such as Tennessee Williams, Arthur Miller, Walt Whitman, Robert Frost and Richard Wright. Writing assignments are designed to address reading comprehension, fluency, and cohesiveness. Class discussions and participation will be an integral factor in the grading scale.

Prerequisite: None  
6 days per cycle  
Semester Course (0.5 Credit)

### **H250-H255 English 10 (Grade 10)**

The sophomore English program is comprised of five components: American Literature, Speech, Writing, Research, and Vocabulary.

**English 10A:** Students will be reading American novels in conjunction with studying vocabulary. Several writing compositions are required in addition to quizzes, tests, projects, and class participation. Students will also complete several speeches: impromptu, introductory, and informative. Effective research and organization are important components as well as visual aids to enhance speech presentations. Final speech projects are presented to the class. New Common Core standards will be integrated into the curriculum.

**English 10B:** Students will be reading a variety of classic and contemporary American short stories, poetry, speeches, and essays in addition to a play. Students are required to learn vocabulary that is integral to each unit. Several writing compositions are required in addition to quizzes, tests, projects, and class participation. Common Core standards will be integrated into the curriculum.  
Prerequisite: Completion of 9<sup>th</sup> Grade English Requirement  
6 days per cycle  
Year Course (1.0 Credit)

### **H251 Honors English 10 (Grade 10)**

Honors is a rigorous course designed to challenge students for academic excellence in American Literature. New Common Core standards will be used to promote higher order thinking skills as students focus on research, vocabulary, speeches, writing, fiction, and non-fiction literature. Students must be self-motivated, must be willing to actively participate in class discussions, and must possess strong reading and writing abilities.

Summer reading and writing requirements are part of this course. This class requires completion of summer work. Summer work will be obtained at the end of the previous school year from the teacher. This work will be assessed the first week of school; any student who has not completed the work at that time will be asked to drop the course.  
Prerequisite – 90% or higher in Honors English 9 or 93% or higher in English 9.  
6 days per cycle  
Year Course (1.0 Credit)

### **H260-H265 English 11 (Grade 11)**

The Junior English program is comprised of two semesters: 11A and 11B. *Students must complete a research paper as a graduation requirement*

**English 11A:** Research and reading skills are emphasized. Students will study Academic Honesty and MLA Format for writing a research paper. They will then complete the research process throughout the course of the semester, culminating with a research paper.

Students will also study all the literary elements of the novel and poetry. They will read two novels and analyze Modern Poetry. In addition, multiple vocabulary units will be taught emphasizing SAT and PSSA vocabulary skills. Oral and written responses, class participation, projects, close reading, papers, objective and essay quizzes and tests are used to assess student progress.

**English 11B:** English Literature will be emphasized. Students will study English Literature and the history of the English Language chronologically. Emphasis will be placed on reading comprehension skills and analysis. Students will also examine major historical influences on the language and literature of the time.

The content covered during 11B includes *Beowulf*, *The Canterbury Tales*, *Macbeth* or other Shakespearean work, and Arthurian Legend. In addition, relevant vocabulary will be incorporated into each lesson. Oral and written responses, class participation, projects, close reading, papers, objective and essay quizzes and tests are used to assess student progress.

Prerequisite: Completion of 10<sup>th</sup> Grade English Requirement

6 days per cycle

Year Course (1.0 Credit)

### **H261 Honors English 11 (Grade 11)**

This course requires the completion of extensive reading and writing assignments. Students will complete activities that provide for an easy transition to Advanced Placement or Honors English 12 course work. Required assignments include reading, analyzing, interpreting, discussing, and writing papers on works of literature that are challenging in terms of length and complexity. Materials used include classic British novels, poetry, Shakespearean dramas, and informational texts. Students will also complete an academic research paper in MLA format as a course requirement. Entrance to the course is earned by grade point average and requires and English teacher's signature and completion of summer work.

Summer work will be obtained at the end of the previous school year from the teacher. This work will be assessed the first week of school. Any student who has not completed the work at that time will be asked to drop the course.

Prerequisite: 90% or higher in Honors English 10 or 93% or higher in English 10.

6 days per cycle

Year Course (1.0 Credit)

### **H270-H275 English 12 A/B (Grade 12)**

The senior English program is comprised of four sections: short story, novel, poetry, and APA research paper. Division A is comprised of short story and poetry. Division B is comprised of novel, drama (from an anthology) and a research paper in APA format.

Prerequisite: Completion of 11<sup>th</sup> Grade English Requirement

6 days per cycle

Year Course (1.0 Credit)

### **H273 Journalism (Grades 9-12)**

#### **H274 Journalism II (Grades 9-12)**

This course introduces students to the skills of observation, critical thinking and concise writing required in all aspects of Journalism, as well as to learn the technology needed to produce features and articles for publication in newspapers and magazines.

Students will explore the art and craft of long-form storytelling, writing their own 6,000-8,000-word pieces. They will study the techniques of nonfiction masters, enhance their skills of research and analysis, and write polished magazine articles based on character, plot, scene and dialogue.

The lessons of this course also will translate into other major projects ranging from multimedia presentations to broadcast journalistic assignments. Each student will be assigned an investigative project. Some projects will require a team of two or three students. Every week students submit a detailed memo of progress. The goal: by the end of the semester each student or team will produce an investigative article or narrative that will be produced in a magazine-style document.

\*\*Final project is course requirement.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

### **H281 Honors English 12 (Grade 12)**

The Honors English 12 course requires the completion of extensive reading and writing assignments. Students will complete activities that provide for an easy transition to college learning experiences. Required assignments include reading, discussing and writing papers on works of literature that are challenging in terms of length and complexity. Materials used include classic novels, Greek dramas, and Shakespearean dramas. Students will draw upon previously learned information as they add to their repertoire of literary expertise. Entrance to the course is earned by grade point average and requires and English teacher's signature and completion of summer work. Summer work will be obtained at the end of the previous school year from the teacher. This work will be assessed the first week of school. Any student who has not completed the work at that time will be asked to drop the course.

Prerequisite: 90% or higher in Honors English 11 or 93% or higher in English 11 and Proficient/Advanced on Literature Keystone

6 days per cycle

Year Course (1.0 Credit)



\*\*\*Program is not available at this time\*\*\*

### **H601 Family and Consumer Science (Grades 9-12)**

This is a comprehensive course in life skills. Units on nutrition and food preparation, family living and childcare, and sewing are included in the curriculum. In the foods unit students will study and prepare foods from My Pyramid. Family living and childcare will focus on skills needed to live in families and to take care of children. During the sewing unit, students will learn to use the sewing machine and make a simple sewing project. Hands-on activities, foods and sewing laboratory experiences, and a childcare simulation are also major components of the course.

6 days per cycle

Semester Course (0.5 Credit)

### **H603 Clothing 1 (Grades 9-12)**

This course examines clothing choices, fabric types and garment construction. Basic usage of the sewing machine will be covered at the beginning of the course. Clothing construction will be the major focus of the course and involves selecting fabrics and patterns, using the sewing machine, and making garments. Successful completion of at least three clothing items and/or accessories is a course requirement.

6 days per cycle

Semester Course (0.5 Credit)

### **H606 Child Development (Grades 9-12)**

The course emphasizes the responsibilities of parenthood and the needs and development of children from infancy to five years. Units on pregnancy, growth and development of children, as well as practical hands-on ways to relate to children are included. Students visit local daycare centers and take care of a simulated baby for an extended weekend for additional experiences.

6 days per cycle

Semester Course (0.5 Credit)

### **H607 Food and Nutrition (Grades 9-12)**

This course is the study of nutrition, food, and the principles of food cookery. It involves weekly food preparation experiences. Students examine food choices and their nutritional value, analyze personal eating habits, and plan and prepare a variety of food items. Units on breads, pastas, pies, vegetables, fruits, casseroles, desserts, and meat cookery are included in the course. Planning, making, and

serving at least one complete meal is also a major part of the course.

6 days per cycle

Semester Course (0.5 Credit)

### **H608 Clothing 2 (Grades 11-12)**

Clothing 2 is a continuation of Clothing 1. Students plan and make more advanced clothing projects, using a variety of decorative techniques. This course is an individualized study program planned by both the student and the teacher. For course credit a student in this class will either complete three garments or a large major project, such as a prom gown, tailored jacket, coat, etc.

Prerequisite: Clothing 1 (some sewing experience required)

6 days per cycle

Semester Course (0.5 Credit)

### **H615 Quilting**

This course is an independent study program. The student is responsible for planning and completing a quilt. The quilt top must be tied/knotted and not necessarily hand quilted. Class time is arranged around the student's study halls or free periods. The size of the quilt and the number of times a week the student works on the quilt determines the credit for the course. Some simple sewing experience is suggested as a prerequisite, but is not necessary. If needed, the student will be taught the basic usage of the sewing machine.

Prerequisite: Some sewing experience

6 days per cycle

Semester Course (0.5 Credit)

### **H616 Life Skills (Grades 9-12)**

This family living course focuses on two areas – healthy relationships, including care of children and sound food selection decisions. The relationship area will focus on skills needed to function in families and taking care of children. Students will participate in a childcare simulation as part of the course. The foods unit will cover the areas of basic food selection and preparation, consumer decision-making, food safety, and nutrition. Hands-on food preparation laboratory experiences will be a major part of the foods unit.

6 days per cycle

Semester Course (0.5 Credit)

### **H617 Child Care (Grades 9-12)**

This course will provide an overview of children from ages 4 to 6. It will help students understand children and their needs. Students will develop the skills necessary for providing positive and rewarding experiences with young children. Techniques for guiding children through daily routines and managing behavior will be key components of the course. The class will also focus on nutrition, health care, and ways to create a safe, healthy learning environment for young children.

6 days per cycle

Semester Course (0.5 Credit)



## HEALTH & PHYSICAL EDUCATION DEPARTMENT

No.	Course	Length	P/cyc	Prerequisite	Credit	Grade
H756	Girls Freshman PhysEd	36 weeks	3	Required	0.5	9
H786	Boys Freshman PhysEd	36 weeks	3	Required	0.5	9
H765	Health 9	36 weeks	3	Required	0.5	9
H88750	Health 8	18 weeks	3	Required	---	8
H760	Girls Sophomore PhysEd	18 weeks	6	Required	0.5	10
H755	Boys Sophomore PhysEd	18 weeks	6	Required	0.5	10
H754	Girls Junior-Senior PhysEd	18 weeks	6	Required	0.5	11-12
H784	Boys Junior-Senior PhysEd	18 weeks	6	Required	0.5	11-12
H791	Time for Tournaments	18 weeks	6	Elective	0.5	11-12
H792	Personal Fitness	18 weeks	6	Elective	0.5	9-12
H793	Weight Lifting & Condition	18 weeks	6	Elective	0.5	11-12
H794	Social Forms of Dance	18 weeks	6	Elective	0.5	9-12
H795	Swimming	18 weeks	6	Elective	0.5	9-12
H796	Coaching Youth Sports	18 weeks	6	Elective	0.5	11-12
H797	Cycling (Spring Semester Only)	18 weeks	6	Elective	0.5	11-12

\* Students may not have more than 1.0 credit of Physical Education (Required and/or Elective) per School Year.

The Physical Education curriculum has been broken down into a four-year plan with seasonal activities. Based upon the ability and needs of each group of students, the instructors determine which activities to use and the length of time to be devoted to each. Each of the activities that are repeated throughout the four-year program will be progressive thus providing for perfecting skills, knowledge, and life-long activity options. For those students who cannot participate in the regular program, modifications are made to adapt activities for them.

Physical education classes are coeducational. All students must participate in team and individual sports and swimming, along with physical fitness activities.

The instructional program includes team sports such as basketball, flag football, speedball, soccer, ultimate Frisbee, softball, tchoukball, volleyball, and others. Individual and dual sports include track and field, swimming, and leisure activities. We attempt to offer a wide variety of activities for our students to engage in and benefit from. Lifetime sports are strongly emphasized and encouraged, as well as healthy lifestyles, which include exercise, activity, and physical education for life.

### **H88750 Health 8 (Grade 8-Semester Course / 0.5 Credit)**

Our health course is presented in units and broken down into subdivisions. Unit: Health and Wellness deals with the opportunity to gain knowledge and awareness of health literacy to obtain and maintain optimal health. Unit: Building Health Skills and Character provides the students with the awareness of strategies and skills to improve communication and refusal skills.

### **H765 Health (Grade 9 - Semester or Year Course)**

Our health course is presented in units and broken down into subdivisions. Unit: Nutrition deals with students learning about food and healthful living. Unit: Physical Fitness deals with the benefits and factors affecting physical fitness. Unit: Drugs, Alcohol and Tobacco allows the student to gain awareness of these materials and how they may result in personal, family, and community health and safety problems. Unit: Stress will provide information on how to manage stress, effects of stress, and how to become resilient. Unit: Sexuality Education provides awareness of sexuality, reproductive systems, abstinence, pregnancy, contraceptives, healthy relationships and consequences, gender, hygiene and laws. Unit: Relationships increases the awareness of skills to obtain and maintain healthy relationships such as family, and peer relationships, and violence prevention. Unit: Injury Prevention and Safety will provide student with awareness in safety at home and work, recreation and water safety, safety on the road, and weather emergencies and natural disasters. Unit: First Aid and Emergencies deals with information pertaining to providing first aid,

CPR and First Aid for shock and choking, and responding to common emergencies. Unit: Skeletal and Muscular Systems provides students the knowledge to understand how the body produces movement, anatomy and function, injury prevention, and ways to improve overall fitness.

Prerequisite: none

3 or 6 days per cycle

#### **H791 Time for Tournaments (Grades 11-12)**

This competitive class will consist of tournaments in a variety of games such as basketball, tennis, floor hockey, flag football, volleyball, pickleball, ultimate Frisbee, speedball and others. The students will compete against their classmates and become the ultimate survivor. There will be singles, doubles and team tournaments.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

#### **H792 Personal Fitness (Grades 9-12)**

This course offers an individualized program to work up a sweat exercising to TaeBo, yoga, core synergistic, Pilates, plyometrics, Kenpo and other other popular exercise regiments. Great aerobic activities to get you in shape or keep you in shape!

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

#### **H793 Weight Lifting & Conditioning (Grades 10-12)**

This course offers an individualized program including running, plyometrics, rope jumping, weight training, and stationary bike. Students use class time to condition both indoors and outdoors.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

#### **H794 Social Forms of Dance (Grades 9-12)**

The course is the study of movement and serves as an introduction to social forms of dance. Students learn the basic principles of social forms dance styles. The program incorporates a variety of teacher and student created movement activities, lectures, historical background, critical reviews, and choreography experience. Students create and perform their own dance compositions throughout the course. No prior dance experience is needed.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

#### **H795 Swimming (Grades 9-12)**

This course includes development of skill proficiency and increased understanding in basic aquatic adjustment skills, survival techniques, stroke mechanics, and elementary diving skills.

Emphasis is placed on rhythmic breathing, down proofing, and the ability to perform front crawl, elementary backstroke, back crawl, breaststroke, and sidestroke in acceptable form. Experience (able to swim and basic water safety knowledge) is necessary.

Prerequisite: Must be able to swim, tread, prone float, supine float, and tread water.

6 days per cycle

Semester Course (0.5 Credit)

#### **H796 Coaching Youth Sports (Grades 11-12)**

This course will examine the principles and techniques applicable in the teaching of sports to the youth of our community. The psychological and physical aspects of training the young athlete will be addressed. The course will consist of discussions and lectures on topics pertaining to youth participation as well as learning various skill development techniques in the gymnasium. Planning skills will be used to develop practice plans to be implemented in coaching sessions. Students will have the opportunity to coach students at the elementary center and middle school using the skills and concepts learned throughout the course. The course is designed for students contemplating coaching or teaching sports and fitness activities in the future.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

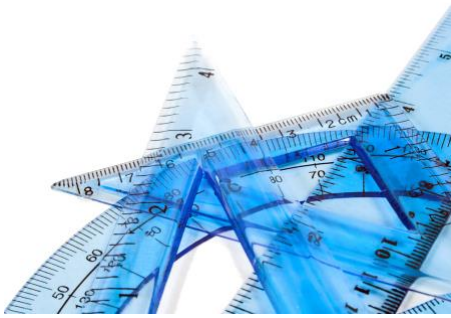
#### **H797 Cycling (Grades 11-12)**

This course is the study of movement, fitness, safety, and spatial awareness. Students will learn the basic principles of cycling. The program incorporates a variety of teacher and student created lectures, safety, background, maintenance and cycling experiences. Students create and perform their own cycling courses throughout the year. Experience is necessary.

Prerequisite: Must be able to ride a bicycle and wear an approved cycling helmet.

6 days per cycle

Semester Course (0.5 Credit)



## INDUSTRIAL ARTS & TECHNICAL EDUCATION DEPARTMENT

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### **H652 Technology Education (Grades 9-12)**

This course will introduce students to basic technology education skills. Students will take part in lectures, demonstrations, and hands-on activities throughout the course. Students are required to complete several problem solving activities that relate to the five (5) technological systems: manufacturing, construction, transportation, bio-related and communications.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

### **H653 Pre-Engineering (Grades 10-12)**

This advanced course is designed for students with an interest in, science, technology, engineering, and mathematics. Students will work in teams to learn research and development procedures, testing and analysis techniques, and applied technology. Students will apply a problem-based approach to the authentic situations in the various systems of technology. Technology Education would be beneficial.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

### **H660 Architectural Drafting (Grades 10-12)**

This course is an introduction into residential construction, design, and planning. Students will be required to create a set of blue prints for a house they would like to build some day. Students will need to create a plot plan, foundation plan, cross-section plans, floor plans, elevation plans, and a window and door schedule. Students will also learn how a new home is constructed throughout the course. Students will learn traditional drafting skills for 18 weeks and computer aided drafting skills for 18 weeks.

Prerequisite: None

6 days per cycle

Year Course (1.0 Credit)

### **H661 Residential Planning (Architectural Drafting 2) (Grades 11 & 12)**

This course is designed to build upon the techniques and practices learned in Architectural Drafting. Students will take the plans from the previous course and modify them to make sure all of the plans work together. Each drawing will be done using the AutoCad program and the students are required to build a model of their home that they designed.

Prerequisite: Architectural Drafting

6 days per cycle

Year course (1.0 Credit)

### **H668 Industrial Arts (Grades 9-12)**

This course is designed for a prevocational awareness and is used in conjunction with Industrial Arts 1. In this course, students will be introduced to electricity, plumbing, welding, AutoCAD, carpentry and drywall. Students are required to take part in all of the activities.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

### **H669 Materials 1 (Grades 9-12)**

This course will teach basic skills and processes needed to survive in an industrial related occupation. The course is primarily project oriented with a concentration in furniture and cabinet making.

Students will have to pay for materials that they use.

Prerequisite: None

6 days per cycle

Year Course (1.0 Credit)

### **H670 Materials 2 (Grades 10-12)**

This course is continuations of Materials 1. Students in this class are required to design, draw, and construct more complex projects. Students will also have to design and build jigs and fixtures to better accommodate the construction of their project. Students will have to pay for the materials that they use.

Prerequisite: Materials 1

6 days per cycle

Year Course (1.0 Credit)

### **H671 Materials 3 (Grades 11-12)**

### **H672 Materials 4 (Grades 11-12)**

This course is a continuation of Materials II. Each student is required to build a project that will challenge their ability with more complex construction designs and a variety of different joinery. Students in this class will have the opportunity to help less experienced students with their projects. Students will have to pay for the materials that they use.

Prerequisite: Materials I and Materials II

6 days per cycle

Year Course (1.0 credit)



## MATHEMATICS DEPARTMENT

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### H109 Algebra 2 – Honors (Grade 9)

The Honors Algebra 2 course is a similar course to the Algebra 2 (112) course but is the more intensive course for the continuation of Keystone Algebra 8. It is designed for those planning on pursuing a career in mathematics or a science related field.

Prerequisite: 90% or higher in Keystone Algebra 8 and Proficient/Advanced on Keystone Exam

6 days per cycle

Year Course (1.0 credit)

### H112 Algebra 2 (Grades 9 – 12)

The Algebra 2 course is designed to meet Pennsylvania state standards for Algebra 2. This course focuses on a continuation of the skills acquired in Algebra 1, in addition skills in solving absolute value equations and inequalities, quadratic functions and factoring, polynomials and polynomial functions, rational exponents and functions, radical functions, exponential and logarithmic functions will be addressed. The goal of this class is to have the students fully prepared to recognize mathematics that occur everyday around them and solve those problems on an advanced level.

Prerequisite: Successful completion of Algebra 8, Keystone Algebra 8, or Algebra 1

6 days per cycle

Year Course (1.0 credit)

Semester Credit – 1.0 credit (if taken as a block)

### H116 Geometry – Honors (Grades 9-12)

#### H121 Geometry (Grades 9-12)

This course concerns angles, lines, and planes, and how to read and describe them. It also helps students to think deductively in their work.

Prerequisites for Honors:

Entering Grade 9: 90% or higher in Keystone Algebra 8 and Proficiency/Advanced on Algebra Keystone Exam

Entering Grade 10: 90% or higher in Honors Algebra 2 and Proficiency/Advanced on Algebra Keystone Exam.

6 days per cycle

Year Course (1.0 Credit)

Semester Course – 1.0 Credit (if taken as a block)

### H129 Algebra 1 (Grade 9)

Algebra is the essential foundation of all higher mathematics and science related fields. A solid mathematical background is a prerequisite to success in these fields. The Algebra 1 course is

designed to meet the Pennsylvania state standards and the Keystone standards for Algebra 1. *Students taking Algebra 8 or Keystone Algebra 8 in 8th grade who have not attained successful completion of either course or met a level of proficiency will be required to enroll in this course.*

Prerequisite: None

6 days per cycle

Year Course (1.0 credit)

### H132 Keystone Algebra Remediation (Grades 9-11)

This course encompasses the topics tested in the Algebra Keystone Assessment. It is intended for students who have not achieved Proficiency on the Algebra Keystone exam.

Prerequisite: Students who took the Algebra Keystone exam and did not earn proficiency will be scheduled for this course.

3 or 6 days per cycle

Semester Course (0.25 or 0.5 credit)

### H143 PreCalculus (Grades 11-12)

#### H135 PreCalculus (Honors) (Grades 11-12)

This course encompasses and extends topics and concepts of intermediate algebra including functions, analytic geometry, limits and introductory derivatives. The course also includes circular functions and a thorough course in trigonometry and its uses in the universe. The graphing calculator is used to illustrate the solutions of the above functions.

Prerequisite for Honors: 90% or higher in Algebra 2 and Geometry; teacher recommendation, and Proficient/Advanced on Algebra Keystone

6 days per cycle

Year Course or Semester Block Course (1.0 Credit)

### H140 Statistics (Grades 10-12)

This course will deal with descriptive & inferential statistics. Topics covered include measures of central tendency, variation, correlation, regression, elementary probability, binomial distributions, normal distributions, estimation, hypothesis testing, inference and chi-squared tests. A graphing calculator is required.

Prerequisite: Algebra 1 & 2, Geometry (or Concurrent)

6 days per cycle

Year Course (1.0 Credit)

### H141 AP Statistics (Grades 11-12)

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes; Exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

A graphing calculator is required for this course.

Prerequisite: Final Grade of 90% or higher in Honors PreCalculus or 93% in PreCalculus.

6 days per cycle

Year Course (1.0 Credit)



**H144 Calculus (Grades 11-12)**

This course involves the student in a comprehensive study of polynomials, functions, trigonometry, differentiation and integration. Students interested in pursuing careers in the physical, biological, social and management sciences fields should consider enrolling in this course. In calculus, functions are the major tools for describing the real world in mathematical terms.

Prerequisite: Pre-Calculus or Pre-Calculus Honors

6 days per cycle

Year Course (1.0 Credit)

**H145 Advanced Placement Calculus AB (Grades 11-12)**

This is a college level course for which students can earn college credit. The course is designed to introduce students to differential integral calculus. Techniques of differentiation and integration will be applied to optimization, related rates, area under curves and volumes of three-dimensional slices. Students will have the opportunity to take the Advanced Placement exam in the spring.

Prerequisite: Final Grade of 90% or higher in Honors PreCalculus or 93% in PreCalculus.

6 days per cycle

Year Course (1.0 Credit)

**H145 Advanced Placement Calculus BC (Grade 12)**

An extension of Calculus AB. Common topics of Calculus are discussed but in greater depth. However, there are additional topics studied in Calculus BC that are not studied in Calculus AB. Among these are infinite series, parametric equations, polar coordinates and vectors.

Prerequisite: Successful completion of AP Calculus AB

6 days per cycle

Year Course (1.0 Credit)

**H153 Integrated Math (Grade 12)**

This course will cover aspects of Algebra, Geometry, Statistics, Trigonometry, and Applications in an integrated format. Topics covered will include linear functions, rate of change, systems of equations, and applications to banking. This course is geared for students who did not take PreCalculus. Students who have earned a credit for Pre-Calculus are not eligible for this course (unless administrative approval).

Prerequisite: None

6 days per cycle

Year Course (1.0 Credit)

Semester Course – 1.0 Credit (if taken as a block)



## MUSIC DEPARTMENT

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### **H971 History of Rock & Roll (Grades 9-12)**

This course will have a major emphasis on the development of rock and roll and its place in American history and our present-day culture. The ancestors of rock and roll: pop music, country and western music and rhythm and blues, their cultural and economic ties will be discussed, leading us into the emergence of rock in the 1950's. The transition into the 1960's will help us to understand how society can be reflected and influenced by music. We will discuss Elvis Presley, the Beatles, the British invasion, folk rock, soul, the musical developments in San Francisco, jazz and rock art. The 1970's will introduce us to disco and soft rock and the 1980's will bring heavy metal and rap. When we reach the 1990's and the turn of the century, the class will take over to help discuss the current trends of the day.

During the course, we will discuss elements and principles of music such as duration, intensity, pitch, timbre, composition, form, genre, harmony, rhythm, texture and how these principles and elements relate to the music we listen to. Extensive listening and video examples will be analyzed to uncover the make-up of the music. Finally, we will discuss how rock and roll has influenced other culture and even how other cultures have influenced the development of rock and roll.

The ultimate goal of this course is to help you understand the music that you are listening to, where it comes from, what it is made of, where it is going, and to help make you an educated consumer of music.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

### **H972 Instrumental Performance – Concert Band (Grades 9-12)**

This course is designed to give students a workable knowledge of the instruments in the band, proper playing technique, and knowledge of instrumental literature, as well as several instrumental composers. Students will work as a group to prepare literature for the Holiday and Spring Concerts.

Prerequisite: Demonstrate ability

3 days per cycle

Year Course (0.5 Credit)

\*\*Currently run during Activity Period\*\*

### **H973 Vocal Performance – Choir (Grades 9-12)**

This course is designed to give students a workable knowledge of the parts of the vocal chords, phonation, and proper singing technique. This time will be used as Choir rehearsal for both the Holiday and Spring Concert. Performing in the concert(s) is a course requirement.

Prerequisite: Demonstrate ability

6 days per cycle

Year Course (0.5 Credit)

### **H975 Piano Lab**

#### **H976 Advanced Piano Lab**

This course is designed to give students the opportunity to learn the basics of playing piano. Students will learn the basics of music notation, rhythm, melody, and harmony. Students will have the ability to work at their own speed and master proper playing techniques and reading skills. Access to a piano/ keyboard outside of class is helpful but not necessary.

Prerequisite: Demonstrate ability

6 days per cycle

Semester Course (0.5 Credit)

### **H977 History of Broadway**

This course will explore the history of Broadway Musical Theatre through a variety of mediums and discussion. We will study the growth of musicals from early Vaudeville through the golden age and into the modern day musical. Several decades of musical theatre will be discussed along with an exploration of some of the world's most famous musical composers. Throughout this course we will also discuss the various themes and literary connections made within several Broadway Musicals.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)



## SCIENCE DEPARTMENT

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### H302 Astronomy (Grades 11-12)

This is a basic introduction to astronomy. It is taught as half lecture - discussion and half laboratory investigation. Areas of concentration are telescopes, stars, galaxies, solar systems, and planets in our solar system, the sun, moon, and earth motions. A strong emphasis using math is used in solving celestial problems.

Prerequisite: Algebra 1 & Geometry (or equivalent)

6 days per cycle

Semester Course (0.5 Credit)

### H303 Meteorology (Grades 11-12)

This is a course which will develop the understanding and prediction of various weather phenomena. It will include the use of weather instruments, computers, weather map construction, weather map analysis, and forecasting. The class is taught as a lecture-discussion with laboratory investigations.

Prerequisite: Algebra 1 (or equivalent)

6 days per cycle

Semester Course (0.5 Credit)

### H304/314 Applied Chemistry A/B (Grades 10-11)

The purpose of this course is to relate the major concepts in Chemistry in context of societal issues and to make decisions based on knowledge and observations as well as to evaluate data. Students are exposed to seven units that consist of Organic Chemistry, Biochemistry, Environmental Chemistry, and Industrial Chemistry. The class involves class discussion, lecture, problem sessions, chemistry demonstrations and lab work.

Prerequisite: Biology

6 days per cycle

Year Course (1.0 Credit)

### H305 Physics: Mechanics (Grades 11-12)

Physics is the study of the fundamental laws that tie all sciences together. It includes the study of motion. The Physics: Mechanics Course will concentrate on kinematics in one and two dimensions, and Newtonian motion. The course will involve class demonstration, laboratory experiments, data analysis, and solving problems using the laws of Physics. Although the mathematics of Physics is not as intense in this course as it is in Advanced Physics, it is an integral part of the field, thus mathematical problem solving is required, including the use of trigonometric functions.

Prerequisite: Algebra I and Geometry

6 days per cycle

Semester Course (0.5 Credit)

### H306 Physics: Waves and Quantum Motion (Grades 11-12)

Physics is the study of the fundamental laws that tie all sciences together. It includes the study of wave phenomena, sound, light electromagnetic energy, and nuclear energy. The Physics: Wave and Quantum Motion Course will concentrate on wave motion, including sound and the basic optics, quantum mechanics and particle physics. The course will involve class demonstration, laboratory experiments, data analysis, and solving problems using the laws of Physics. Mathematics is an integral part of all Physics, thus mathematical problem solving is required.

Prerequisite: Algebra I and Geometry

6 Days per cycle

Semester Course (0.5 Credit)

### H308 Anatomy & Physiology Honors (Grades 11-12)

This is an Honors course involving intense material and work designed to enrich the students' knowledge in the area of animal structure and function while acquainting them with the demands of college-level study. Areas of study encompass a more thorough examination of topics including, but not limited to, animal structure and function/anatomy and physiology with correlating Advanced Placement topics. The rigor and challenging nature of the course work, including demanding independent student work outside of class, will prepare students to pursue further Honors or Advanced Placement Science Courses. Assessment of student progress will include, but may not be limited to, class work and homework assignments, discussion and group work, test and quizzes, laboratory investigations, research, projects, and detailed cat dissection and instruction. Students are required to complete a summer assignment in order to take the course. The summer assignment material reviews chemical concepts that have been learned in chemistry, so those concepts can be applied for a better understanding of the physiological processes of the organ systems. Online quizzes must be submitted for grading prior to the first day of school, and the material will be incorporated into virtual/hands-on laboratories, activities, and assessments.

Pre-requisites: Must have completed Honors Biology/Biology and Honors Chemistry/Chemistry with a 90% or higher along with Proficiency/Advanced on Biology Keystone or Teacher Recommendation.

6 days per cycle

Year Course (1.0 Credit)

### H309 Chemistry (Grade 10)

An introductory course in chemistry for college prep students. The subject matter is organized for a modern theoretical development. It presents the relationships between energy and matter, atomic structure, electronic structure, the periodic law and periodic trends, chemical bonding, stoichiometry, the gas laws, solution chemistry, and acid-base theories. There is a very heavy emphasis on mathematics. The class involves class discussion, lecture, problem sessions, chemistry demonstrations and lab work.

Prerequisite: Biology

6 days per cycle

Year Course (1.0 Credit)

### H310 Advanced Chemistry Honors (Grades 11-12)

This course is continuation of chemistry with a greater emphasis on the applications of chemical concepts. Topics are covered in more depth of theory and more strenuous mathematical expectations. Additional topics include nuclear chemistry, reaction rates, thermodynamics, organic and biochemistry, intermolecular forces, calorimetry and oxidation reduction. The class involves class discussion, lecture, problem sessions, chemistry demonstrations and lab work. Completion of summer work is required to be in this class. The summer work will be for the first chapters of this class. It is a review of material that has been covered the previous year. Prerequisite: Chemistry – 90% or higher, Proficient/Advanced on Biology Keystone.  
6 days per cycle  
Year Course (1.0 Credit)

### H311 Honors Chemistry (Grade 10)

Honors Chemistry is an accelerated course that encompasses the relationships between energy and matter, atomic structure, electronic structure, the periodic law and periodic trends, chemical bonding, stoichiometry, the gas laws, solution chemistry, and acid-base theories. There is a very heavy emphasis on mathematics. The class involves class discussion, lecture, problem sessions, chemistry demonstrations and lab work. Completion of summer work is required to be in this class. The summer work will be a review of material that has been covered in previous science. Pre-requisites: 90% or higher in Biology/Honors Biology; Teacher Recommendation or Proficiency/Advanced on Biology Keystone. Completion of summer work.  
6 days per cycle  
Year Course (1.0 Credit)

### H312 Principles of Physics (Grades 11-12)

This course introduces fundamental concepts of physics with emphasis on applications to the world around us. The course is concept oriented and will de-emphasize the mathematics, but not eliminate it. The course will provide studies in the following areas: motion and its causes, conservation laws, periodic motion, thermodynamics and heat theory, electricity, magnetism, and electromagnetic radiation. Prerequisite: Algebra I and Geometry  
6 Days per cycle  
Semester Course (0.5 Credit)

### H315 Robotics (Grades 11-12) (Not offered at this time)

This is a beginning course in robotics. We will be utilizing Lego Mindstorm and Arduino kits introduce basic programming as well as problem solving strategies. This course will involve students in the development, building and programming of a LEGO Mindstorm robots and a multitude of devices with an Arduino. Students will work hands-on in teams to design, build, program and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates, decision-making, timing sequences, propulsion systems and binary number systems. Prerequisite: Algebra I and Geometry  
6 days per cycle

Semester Course (0.5 Credit)

### H317 Advanced Physics (Grades 11-12)

This honors course is designed for the science oriented student and is math-intensive. Topics included are: a review of relevant math, problem solving techniques, motion in one and two dimensions, Newton's laws of motion, circular motion and gravitation, energy conservation and collisions, power, simple machines, momentum, rotational motion and fluid mechanics. Lab work will be done to reinforce topics covered by lecture. Prerequisite or Concurrent: 90% or higher in previous Math Class and Proficient/Advanced on Algebra Keystone.  
6 days per cycle  
Year Course (1.0 Credit)

### H319 Environmental Science (Grade 9)

This course is designed to address the following areas: how humans are changing the environment, ecosystems, energy, natural resources and pollution, and the effects of human population. A strong emphasis is placed on labs and outside required work. It is designed to use concepts in class to analyze hypothetical and real situations. Prerequisite: Completion of 8<sup>th</sup> grade Science  
6 days per cycle  
Year Course (1.0 Credit)

### H320 Honors Biology (Grade 9)

Honors Biology is an accelerated encompassing biological science course aligned with the standards and curriculum framework of the Pennsylvania Biology Keystone Exam. The Keystone Exam is an end-of-course assessment designed to assess the proficiency in the Biology subject area and is a component of Pennsylvania's new system of high school graduation. The rigor and challenging nature of the course work, including demanding independent student work outside of class, will prepare students to pursue further Honors or Advanced Placement Science Courses. Students are expected to handle these responsibilities, and class participation and attendance are essential. Assessment of student progress will include, but not be limited to, class work and homework assignments, independent work, discussion and group work, test and quizzes, laboratory investigations, research, and projects. Students are required to complete a summer assignment/project in order to take the course. The project must be submitted the first day of school. Prerequisites: 90% or higher in Eighth Grade Science or Teacher Recommendation  
6 days per cycle  
Year Course (1.0 Credit)

### H321 AP Chemistry (Grade 12)

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. The course conforms to College Board topics for the Advanced Placement Chemistry Examination and included topics of aqueous reactions and solution stoichiometry, chemical kinetics, chemical equilibrium, acid-base equilibria, qualitative analysis, chemical

thermodynamics, electrochemistry, and coordination compounds. This class involves in-depth college level material and students will need to spend at least five hours a week studying outside of class. Completion of summer work is required to be in this class. The summer work will be for the first few chapters of this class. It is a review of material that has been covered the previous year. Prerequisite: Chemistry and Advanced Chemistry (Honors) and based on a grade of "B" or higher in Advanced Chemistry (Honors) 6 days per cycle  
Year Course (1.0 Credit)

### H322 Biology (Grade 9)

Biology is an encompassing biological science course aligned with the standards and curriculum framework of the Pennsylvania Biology Keystone Exam. The Keystone Exam is an end-of-course assessment designed to assess the proficiency in the Biology subject area and is a component of Pennsylvania's new system of high school graduation. Assessment of student progress will include, but may not be limited to, class work and homework assignments, discussion and group work, test and quizzes, laboratory investigations, and projects. Prerequisites: Successful completion of Eighth Grade Science 6 days per cycle  
Year Course (1.0 Credit)

### H324 Keystone Biology Remediation (Grades 10-11)

This course encompasses the topics tested in the Biology Keystone Assessment. It is intended for students who have not achieved Proficiency on the Biology Keystone exam. 6 days per cycle  
Semester Course (0.25 or 0.5 credit)

### H327 AP Environmental Science (Grade 12)

The course is taught as 1/2 laboratory and 1/2 lecture. A strong emphasis is placed on labs and outside required work. Since this course is advanced placement, it will be taught at the collegiate level and designed so students can acquire college credit. This course is designed to use concepts learned in class to analyze hypothetical and real situations. The application of ecological concepts will be used in dealing with environmental pollution, resources, energy flow, and populations. Based on grades of at least a "B" within the required prerequisites and summer work. Prerequisite: Algebra, Biology, and Chemistry 6 days per cycle  
Year Course (1.0 Credit)

### H331 AP Biology (Grades 11-12)

AP Biology, which follows the College Board Advanced Placement Biology Curriculum, is designed to be the equivalent of a two-semester college introductory biology course and prepares students to be qualified to take the AP Examination. The class involves intense and demanding material, class work, homework, and laboratory investigations. Students are expected, as in a college course, to complete reading and/or other activities on their own in order to finish all of the required content information. Students are expected to handle the responsibilities and the time commitment of

the course. Class attendance and participation is essential. Students must also complete a thorough summer assignment in order to take the course. Pre-requisites: Biology, Chemistry, and Anatomy and Physiology final grade of 84% or higher. Teacher Recommendation, and/or Proficiency/Advanced on Biology Keystone. Advanced Chemistry Honors is preferred but not required. 6 days per cycle  
Year Course (1.0 Credit)

### H333 AP Physics C (Grade 12)

AP Physics C: Mechanics is equivalent to a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. Prerequisite: Advanced Physics  
Prerequisite or Concurrent: Calculus or AP Calculus 6 days per cycle  
Year Course (1.0 Credit)

### H349 Environmental Science 2 (Grades 11-12)

This course is taught as lecture with laboratory exercises. A strong emphasis is placed on labs and outside required work. This course is designed to use concepts learned in class to analyze hypothetical and real situations. Areas of concentration are natural resources and pollution. Prerequisite: Environmental Science 1 6 days per cycle  
Semester Course (0.5 Credit)

### H352 Marine Biology (Grades 11-12)

The purpose of the course is to provide an overview of the marine environment. The content includes the nature of science, the origins of the oceans, the chemical and physical structure of the marine environment, ecology of the various sea zones, marine communities, and the interrelationship between man and the ocean. Prerequisite: Biology and Chemistry 6 days per cycle  
Semester Course (0.5 Credit)

### H355 Nanotechnology (Grades 10-12)

This course will be an introduction to nanotechnology, which is science, engineering and technology conducted at the nanoscale which is 1-100 nm. Larger scale engineering and visible phenomena will be used to better understand the happenings of the nanoscale. It will cover definitions, history, applications, and the impact of nanotechnology on society as well as materials science as the purpose of nanotechnology is to create new materials. Course work will include reading, math, critical thinking, and problem solving. Students will be expected to keep accurate notes, complete laboratory activities, and create presentations of research findings. Prerequisites: Biology, Environmental Science, and Chemistry

6 days per cycle  
Semester Course (0.5 Credit)



## SOCIAL STUDIES DEPARTMENT

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### **H401 American Cultures I: 1789-1877 (Grade 9)**

This course covers a broad foundation of United States history, from the adoption of the U.S. Constitution to the reconstruction of the U.S. after the Civil War. Major content areas covered include The Constitution and American Government, the rapid expansion and progress of the U.S., the social reform era, the causes, battles, and effects of the Civil War, and the rebuilding of our country after the War. The social, political, and economic aspects of our early history are studied in detail, as well as connections to present day events being highlighted. This class is supplemented by excellent primary source reference materials and utilizes the latest technology.

Prerequisite: None

6 days per cycle

Year Course (1.0 Credit)

### **H402 American Cultures II: 1877-Present (Grade 10)**

American Cultures II begins with the difficulty of the Industrial Era. In the study of the 20th century, the development of the West, the industrial growth and the attitude of the American people towards the rest of the world are covered in detail. Emphasis is on the political, economic, and social trends that have led up to the present day.

Prerequisite: American Cultures I

6 days per cycle

Year Course (1.0 Credit)

### **H403 American Cultures III: 1953-Present (Grades 11-12)**

American Cultures 3 is a continuation of American Cultures 2, going more in depth into the history since 1953 and current events.

Topics covered will be the Cold War, America in the 50's, the Eisenhower Doctrine, containment, the Civil Rights Era, the Space Race "The New Frontier", The "Great Society", the Politics of Anticommunism, the Counter Culture, the early Vietnam era, the late Vietnam era, Watergate, the 70's, new Federalism, Political Realignment, the Reagan Revolution, Rise of Conservatism, the 80's, "SDI: Star Wars", the war on Drugs, the end of Communism, New World Order, the 1st Gulf War, the rise of the Consumer Nation, the Clinton years, Globalization, the rise of China, George W Bush, 9/11 and the "Wars on Terror", The Great Recession, Barack Obama, and the rise of ISIS.

Prerequisite: American Cultures II

6 days per cycle

Semester Course (0.5 Credit)

### **H406 Economics (Grade 12)**

Economics is a "scientific" study of how man satisfies his needs and wants for goods and services. It is a study for decision-making and setting priorities within an economic system of limited factors of production, which leads to the process of economizing or allocation. It stresses the understandings of macro and micro analysis of aggregates, economic goals, markets, supply and demand, economic modules of circular-flow, economic trends, inflation, recessions and depressions (including the Great Depression), all in a spectrum of the past, present, and future.

Prerequisite: American Cultures 1 & 2

6 days per cycle

Semester Course (0.5 Credit)

### **H408 Exploration of Eastern World (Grades 10-12)**

This course encompasses the study of eastern world cultures, history, and geography, and current events in the regions of Africa, Asia, Australia, and the Pacific. The ultimate objective is to provide the students with a better understanding of regional geography, historical content and regional cultures outside of the United States. The analysis of regional cultures is the focal point of this class; culture is the arts and other manifestations of human intellectual achievement regarded collectively. Students will learn historical events and the geographical features that shape each region. Exploration of the Eastern World will give students the tools and knowledge that may equip them to have a better understanding of themselves, their community, their nations, and the world they live in. Students will learn current issues that impact these regions and the world today. There is an emphasis on appreciation and tolerance of other people's viewpoints, geographic literacy, cultural norms and actual cultural experiences in each region.

Prerequisite: American Cultures 1

6 days per cycle

Semester Course (0.5 Credit)

### **H409 Exploration of Western World (Grades 10-12)**

This course encompasses the study of western world cultures, history, and geography, and current events in the regions of North America, South America, and Europe. The ultimate objective is to provide the students with a better understanding of regional geography, historical content and regional cultures outside of the United States. The analysis of regional cultures is the focal point of this class; culture is the arts and other manifestations of human intellectual achievement regarded collectively. Students will learn historical events and the geographical features that shape each region. Exploration of the Western World will give students the tools and knowledge that may equip them to have a better understanding of themselves, their community, their nations, and the world they live in. Students will learn current issues that impact these regions and the world today. There is an emphasis on appreciation and tolerance of other people's viewpoints, geographic literacy, cultural norms and actual cultural experiences in each region.

Prerequisite: American Cultures 1

6 days per cycle

Semester Course (0.5 Credit)

**H415 American Government (Grade 11)**

This course encompasses a study of the American Government system from its creation to operation at the federal, state, and local levels. All three branches of our government are scrutinized as to what each is, does, and how each interacts with the other branches. Other content covered includes; other governmental systems of the world, political parties, the voting process, the influence of mass media and interest groups, and the impact of economics and world events on government. The ultimate objective of this course is to equip students with the knowledge and tools to exercise their civic rights and responsibilities in order to contribute to our society in a positive way. A thorough study of current events and the use of the latest technology are also stressed.

Prerequisite: American Cultures I & II

6 days per cycle

Year Course (1.0 credit)

**H416 World Tensions (Grade 12)**

This course encompasses the study of current world problems. The ultimate objective is to provide the students with the tools and knowledge that may equip them to have a better understanding of themselves, their community, their nations, and the world they live in. There is an emphasis on globalism, an appreciation and tolerance of other people's viewpoints, and geographic literacy.

Prerequisite: American Cultures 1 & 2 & Government

6 days per cycle

Semester Course (0.5 Credit)

**H418 20<sup>th</sup> Century Culture 1 (Grades 11-12)****H419 20<sup>th</sup> Century Culture 2 (Grades 11-12)**

Students will study each decade of the 20<sup>th</sup> century concentrating on the areas of news events, music, dance, fashion, sports, communications, television, radio, movies, food and drink, and print culture. The purpose of this course is to promote and integrate history and the arts. Students will get to know the citizens of the 20<sup>th</sup> century by studying how they lived. Course 418 covers from 1900's to 1940's. Course 419 covers from 1940's to Present.

Prerequisite: American Cultures 1 & 2

6 days per cycle

Semester Courses (0.5 Credit each)

**H422 Introduction to Psychology (Grades 9-12)**

This course is designed to provide students with an overview of the field of psychology. Topics covered in this course will include but aren't limited to historical foundation of psychology, theories on human behavior and mental processes, psychological disorders, learning, intelligence, sensation/perception, memory, and consciousness. This is designed as an introductory course and will provide students with a strong fundamental knowledge of psychology.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

**H423 Introduction to Sociology (Grades 9-12)**

This course will introduce students to the field of sociology. Topics will include groups in human society, culture, current events, socialization, family, social inequality, group dynamics, gender roles, urbanization, social change, social institutions and social issues.

Prerequisite: None

6 days per cycle

Semester Course (0.5 Credit)

**H461 AP Government (Grade 11-12)**

The AP course in US Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret US government and politics and the analysis of specific examples. It also requires a familiarity with the various institutions, groups, beliefs and ideas that constitute US Governments and politics. Students will know important facts, concepts and theories pertaining to US governments, they will understand typical patterns of political processes and behavior and their consequences, and they will be able to analyze and interpret basic data relevant to the US government and politics. Topics to be covered include Constitutional Underpinnings of the US Government, Political Beliefs and Behaviors, Political Parties, Interest Groups and Mass Media, Institutions of National Governments, Public Policy, and Civil Rights and Civil Liberties. *This course meets Government requirement.*

Prerequisite: At least a 90% average in American Cultures 2.

6 days per cycle

Year Course (1.0 Credit)





## WORLD LANGUAGE DEPARTMENT

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### SPANISH

#### **H551 Spanish 1 (Grades 8-12)**

Spanish 1 introduces the student to the Spanish Language and helps to develop listening, understanding, and speaking skills in the present tense. The Spanish culture and its people are presented to the student in such a way that both knowledge and appreciation are gained. As a first course in a Modern Foreign Language, Spanish 1 attempts to make the student confident in what he learns and encourages further study of the Spanish language and its peoples as a lifetime activity.

Prerequisite: None

6 days per cycle

Year Course (1.0 Credit)

#### **H552 Spanish 2 (Grades 9-12)**

Spanish 2 continues and further develops the basic language skills learned in Spanish 1 and concentrates study on a broader and more technical level including simple past tenses. General listening and comprehension skills are extended to using the language in an academic, but meaningful, way. Further insight into the Hispanic culture is obtained by reading and writing skills. The completion of Spanish 2 represents a well-rounded knowledge of the Spanish-speaking world and its people, preparing the student for further academic study and involvement with foreign language as a lifetime study.

Prerequisite: Spanish 1 (C average or better)

6 days per cycle

Year Course (1.0 Credit)

#### **H555 Spanish 4 - Honors (Grade 11-12)**

The most advanced Spanish offering uses a balanced program for developing the four basic skills of reading, writing, listening with comprehension, and speaking via topical conversations, student-led presentations and discussions, and readings ranging from Spanish/Hispanic myths and legends to short stories written and published in the 20<sup>th</sup> century. The Spanish culture in all of its variety of activities in art, music, architecture, food, clothing and life styles, is the underlying theme of this course. Insight into the cultural development of Spain, Mexico, Central America and Latin America in general is accomplished through meaningful reading activities. A broadened horizon of educational and personal goals is set for each student through individual projects. In addition, students are

prepared for the advanced placement examination through the introduction of effective strategies and specialized instruction.

Prerequisite: Spanish 3 (B average or better)

6 days per cycle

Year Course (1.0 Credit)

#### **H557 Spanish 3 - Honors (Grades 10-12)**

This course offers a review of basic grammar accompanied by a deep investigation into the grammatical principles and their adaptation to the living language of Spanish peoples today.

Vocabulary is expanded and opportunity for creative expression is offered through short writing assignments. The student is afforded the opportunity to develop confidence and expand proficiency in basic conversation through an audio-lingual approach, accompanied by an in-depth usage of everyday idiomatic, colloquial, and more realistic expression of ideas used by peoples of the Spanish-speaking world in normal conversation. Near-native pronunciation and understanding is a major goal.

Prerequisite: Spanish 2 (B average or better)

6 days per cycle

Year Course (1.0 Credit)

#### **H558 Beyond the Textbook Spanish A/B - Honors (Grade 12)**

Students will use previously learned knowledge of the Spanish language to read, analyze, and discuss authentic sources in the target language. Students will explore the respective cultures in more depth and draw comparisons to their own.

Beyond the Textbook A & B are separate curriculums. Students may take Semester A in the fall and Semester B in the spring of the same year.

Prerequisite: Spanish 4 (B average or better)

6 days per cycle

Semester Courses (0.5 Credit)

### GERMAN

#### **H561 German 1 (Grades 8-12)**

German 1 introduces the student to the German language and helps to develop listening, understanding, and speaking skills in the present tense. The German culture and its people are presented to the student in a way that both knowledge and appreciation are gained. As a first course in a Modern Foreign Language, German 1 attempts to make the student confident in what he/she learns and encourages further study of the German language and its peoples as a life-time activity.

Prerequisite: None

6 days per cycle

Year Course (1.0 Credit)

**H562 German 2 (Grades 9-12)**

German 2 continues and further develops the basic language skills learned in German 1 and concentrates study on a broader and more technical level. General listening and comprehension skills are extended to using the language in an academic but meaningful way in the present and past tenses. Further insight into the German culture is obtained by reading and writing skills. The completion of German 2 represents a well-rounded knowledge of German and its peoples, preparing him/her for further academic study and involvement with foreign experience as a lifetime skill.

Prerequisite: German 1 (C average or better)

6 days per cycle

Year Course (1.0 Credit)

**H563 German 3 – Honors (Grades 10-12)**

German 3 further develops listening, speaking, reading, and writing skills in preparation for more difficult study at an advanced level. Comprehension ability is increased through conversation, advanced grammar, vocabulary expansion, and reading as regards to cultural development in Germany, Austria, and Switzerland. The completion of German 3 encourages an interest in the German-speaking countries and their cultures, preparing him/her for an involvement with the German language as a lifetime activity.

Prerequisite: German 2 (B average or better)

6 days per cycle

Year Course (1.0 Credit)

**H564 German 4 - Honors (Grade 11-12)**

AP German is a balanced program designed for continued development of appreciation and knowledge of German literature, history, and civilization. Functional vocabulary is expanded in both oral and written composition. Further insight is gained through research into the art, music, architecture, life-styles, and regional aspects of German-speaking peoples. Completion of German 4 Honors encourages a vocational interest in German, whether in an academic or nonacademic environment in the future.

Prerequisite: German 3 (B average or better)

6 days per cycle

Year Course (1.0 Credit)

**H568 Beyond the Textbook German A/B - Honors (Grade 12)**

Students will use previously learned knowledge of the German language to read, analyze, and discuss authentic sources in the target language. Students will explore the respective cultures in more depth and draw comparisons to their own.

Beyond the Textbook A & B are separate curriculums. Students may take Semester A in the fall and Semester B in the spring of the same year.

Prerequisite: German 4 (recommended B average or better)

6 days per cycle

Semester Courses (0.5 Credit)

**FRENCH**

\*\*\*Program is not available at this time\*\*\*

**H581 French 1 (Grades 8-12)**

Introductory Level French 1 focuses on the preliminary and basic structures and elements of the language and cultures. The students will practice elementary conversation and vocabulary through studies of music, grammar and real-life application of the French language. Cultural studies will include cuisine, the school system and daily life in France, particularly the Paris region.

Prerequisite: None

6 days per cycle

Year Course (1.0 Credit)

**H582 French 2 (Grades 9-12)**

French 2 continues and further develops the basic language skills learned in French 1. General listening and comprehension skills are extended to using the language in an academic, but meaningful way. Further investigation of grammatical concepts is obtained through reading, writing, speaking and listening practice in present and past tense. Cultural topics include the study of other French speaking regions and nations of the world.

Prerequisite: Successful completion of French 1

6 days per cycle

Year Course (1.0 Credit)

**H583 French 3 - Honors (Grades 10-12)**

French 3 further develops all skills in French while focusing on an in-depth analysis of sentences structure and verbal accuracy reviewing verb tenses and moods, specifically the imperfect and past tenses. Coursework will be designed to practice authentic conversation and logical scenarios for real-life application.

Communication skills will be enhanced with role-play, story telling, and reading excerpts. The completion of French 3 fosters and nurtures a life-long interest in French speaking countries and their cultures, thus preparing students for a lifetime skill and asset to his/her career choice.

Prerequisite: French 2 (recommended B average or better)

6 days per cycle

Year Course (1.0 Credit)

**H585 French 4 – Honors (Grades 11-12)**

French 4 is the most advanced course of French. The curriculum includes a comprehensive program that focuses on the essential language skills of reading, writing, speaking and listening through multiple topics and media in history, the arts, pop-culture (including press) and literature. Previously learned concepts are reviewed and refined as proficiency is developed in a myriad of topics. Reading exercises, grammar precision and vocabulary building exercises will be more intensive and completed with rigor. The student will be expected to analyze and synthesize authentic language with idiomatic expressions, the subjunctive, indicative and conditional moods, and present and past tense. The completion of French 4 encourages the student to continue studying French beyond the high school experience and investigate future career opportunities.

Prerequisite: French 3 (recommended B average or better)

6 days per cycle

Year Course (1.0 Credit)

**H588 Beyond the Textbook French A/B- Honors (Grade 12)**

Students will use previously learned knowledge of the French language to read, analyze, and discuss authentic sources in the target language. Students will explore the respective cultures in more depth and draw comparisons to their own.

Prerequisite: French 4 (recommended B average or better)

Beyond the Textbook A & B are separate curriculums. Students may take Semester A in the fall and Semester B in the spring of the same year.

6 days per cycle

Semester Courses (0.5 Credit)