

**HAZLETON AREA HIGH SCHOOL**

**SCHOOL YEAR 2016-2017**



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**NONDISCRIMINATION POLICY**

It is the policy of the Hazleton Area School District not to discriminate on the basis of race, sex, color; age, religion, ancestry, marital status, or disability in its educational programs, activities, or employment policies. Announcement of this policy is in accordance with State law including the Pennsylvania Human Relations Act and with Federal law, including Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination in Employment Act of 1967, and the Americans with Disabilities Act of 1990.

**Cathy Brogan, Title IX Coordinator**  
**Carl Manfredi, 504 Coordinator**  
**1515 W 23<sup>rd</sup> St Hazle Township, PA 18202**  
**(570) 459-3111**

## **PREFACE**

Through a dynamic partnership of educators, learners, and community members, Hazleton Area High School students will develop the skills necessary to become life-long learners in a culturally diverse community. Individuals will be challenged to develop self-responsibility and to reach their highest potential in a safe and supportive environment using technology in a comprehensive curriculum.

Graduation Projects, required of all students as per the Pennsylvania State Board of Education Regulations, are an extension of student learning. They assess a student's ability to apply, analyze, synthesize, evaluate and communicate information to others. Additionally, these Graduation Projects offer opportunities to explore career options. All projects are reviewed by a faculty panel.

The following course of study has been prepared after many long hours of investigation and study. It is designed to meet the needs of the students at the Hazleton Area High School. If read carefully with thought toward future goals, students will find that it offers a wide variety of choices intended for a comprehensive education and preparation for future endeavors.

The courses taken in high school can have a great impact on a student's life. They should become familiar with and consider the entrance requirements for college, career/technical schools, military careers, or employment when selecting high school courses.

Students entering the work force after high school will find that employers are looking for graduates who possess academic and career skills needed to benefit their company. Students should consult their guidance counselors and teachers for advice on course sequences.

The Hazleton Area School District uses Middle States Association of Colleges and Schools Accreditation, High Schools That Work, the Pennsylvania System of School Assessment (PSSA) and district-wide assessment to provide on-going evaluation of our programs.

More information about our district and district profiles are available at these web sites:

<http://www.hasdk12.org>

<http://www.pdesas.org>

<http://www.education.state.pa.us>

## **GUIDANCE NOTES**

### **HAZLETON AREA VIRTUAL ACADEMY:**

Cyber School opportunities are available. Contact Michele Medek at 459-3247.

### **PHYSICAL EDUCATION EXEMPTION:**

**PREREQUISITES:** Hazleton Area High School students who have successfully completed a Health requirement and a Physical Education requirement are eligible to apply for a Physical Education exemption.

Students are required to substitute classes that are challenging and also academically advanced or related to their proposed college or university major.

Any physical education exemption request must be approved by the school guidance counselor. Physical Education exemption forms are available in the guidance office.

### **SPECIAL EDUCATION:**

Special education delivers services that are comprehensive, balanced, and appropriate in guiding the students to realize their highest potential. Arrangements must be made through the guidance counselors and the Special Education department.

### **KEYSTONE FOCUSED COURSES:**

Integrated Mathematics 9, Integrated Mathematics 10, Algebra 1A, Algebra 1B, Reading Strategies, Literacy Skills, and Biology Skills - Students are enrolled based upon State Assessment Scores/PVAAS Predictability/CDT test scores and teacher/ administrative recommendation. Students are required to take these courses which will replace a required course or an elective.

## **HAHS- COLLEGE PREP GUIDANCE**

Guidance, HAHS.....459-3221 ext. 81516

Mr. John Samoyedny (81517)

Mrs. Megan Davis (81519) / Mrs. Olga Papa (81520)

Mrs. Lisamarie S. Stetz (81518) / Mr. Randy Teter (81522)

# NINTH GRADE

SCHOOL YEAR 2016-2017

## OVERVIEW OF COURSE REQUIREMENTS

Students will take **8 courses** as outlined below. 4 courses will be taken during semester 1 and 4 courses will be taken during semester 2.

## REQUIRED COURSES:

### ENGLISH

#### English I (101H)

English I integrates writing, grammar and usage, speaking and listening. It includes reading a variety of literary genres: short stories, novels, poetry, drama, and nonfiction. It also emphasizes oral and written response to literature. Writing activities include descriptive, narrative, informational, and persuasive compositions in addition to written responses to literature. Vocabulary development, reference tools, critical thinking, and cooperative learning activities are used to enhance learning.

#### OR

#### Honors English I (1011H)

**Prerequisite:** 93 or above average in 8th Grade

Honors courses include more rigorous, intensive application of core content at or above grade level with required independent reading and research at an accelerated pace.

### ESL Curriculum is as follows:

#### ESL English I (949H)

ESL I is designed for the student whose native language is not English. This beginning level course is geared to ease the non-speaker of English into communicating effectively in social and academic settings. Emphasis will be on oral communication, basic grammar, sentence structure and irregular verbs.

**NOTE: To schedule this course, arrangements must be made through your guidance counselor and ESL instructor.**

#### ESL English (950H)

ESL II is a continuation of ESL I. This program of study is designed for the student whose native language is not English. This course focuses on refining reading comprehension and writing skills.

**NOTE: To schedule this course, arrangements must be made through your guidance counselor and ESL instructor.**

### **ESL English III (951H)**

ESL III is a continuation of ESL II. This program is designed for the student whose native language is not English. This course is appropriate for students in the intermediate stage of English acquisition.

**NOTE: To schedule this course, arrangements must be made through your guidance counselor and ESL instructor.**

### **ESL English IV (952H)**

ESL IV is a continuation of ESL III. This program is designed for the student whose native language is not English. This course is appropriate for students in advanced stages of English acquisition.

**Note: To schedule this course, arrangements must be made through your guidance counselor and ESL instructor.**

## **SOCIAL STUDIES**

### **American Studies I/Civics (206H)**

American Studies I/Civics is a chronological study of the development of the nation from the Revolutionary Period to the Reconstruction Era. This course includes a comprehensive analysis of all relevant social, economic, governmental, political, religious and literary development in American life.

**OR**

### **Honors American Studies I/Civics (2061H)**

**Prerequisite:** 93 or above average in World History I

Honors courses include more rigorous, intensive application of core content at or above grade level with required independent reading and research at an accelerated pace.

## **SCIENCE**

### **Integrated Science (302H)**

This course emphasizes how Earth is a unique system that supports life, defined by the interaction of matter and energy through dynamic processes. This course provides a foundation of physical science, life science, and earth science that will build a solid knowledge base to prepare students for both future science courses and graduation requirements. The level of rigor of the course will also prepare the student for higher education, should the student choose to do so. The concepts of the course will be enhanced by scientific investigations and an emphasis on mathematical, reading, and writing skills.

**OR**

### **Biology 1A (303H)**

This course will emphasize general principles of organism and population biology with a concentration evolution and diversity among organisms. Emphasis will be placed on structural and physiological adaptations for such processes as nutrition, fluid and gas exchange and hormonal regulation. An understanding of the interactions between organisms and their environment will be explored. Factors that affect the environment will be covered. Research methods and inquiry based laboratories will be emphasized. A research project will be conducted throughout the semester. **All students must take Biology IB or Honors Biology IB in order to complete the full biology course.**

## **AND**

### **Biology 1B (304H)**

**Prerequisite:** Biology 1 A or Honors Biology 1 A

A continuation of Biology 1A, topics include: water, biomolecules, enzymes; composition and organization of Prokaryotic and Eukaryotic cells; regulation of cell structure and function; communication between cells and environment; bioenergetics; photosynthesis; cellular respiration; metabolism, genetics and mechanisms of evolution. Research articles on current scientific topics will be evaluated throughout the semester. Emphasis will be placed on introducing and developing laboratory skills and providing hands-on experience with modern laboratory equipment. **This course is required and must be taken after Biology 1A or Honors Biology 1A.**

## **OR**

### **Honors Biology 1A (3031H)**

**Prerequisite:** 93 or above average in 8th grade science

Honors Biology 1 A includes more rigorous, intensive application of core Biology A content above grade level with required independent reading, research, and laboratory investigations at an accelerated pace. **All students must take Biology IB or Honors Biology IB in order to complete the full biology course.**

## **AND**

### **Honors Biology 1B (3041H)**

**Prerequisite:** 93 or above average in Biology A or Honors Biology A

Honors Biology 1 B includes more rigorous, intensive application of core Biology 1 B content at or above grade level with required independent reading, research, and laboratory investigations at an accelerated pace.

**MATH - A student will choose a math course based on his/her 8<sup>th</sup> grade math course.**

**Algebra Concepts (360H)**

Algebra Concepts introduces students to the structure and properties of the real number system, and the significance of those properties in solving equations and in- equalities. The language and symbolism of Algebra are emphasized. Techniques for solving word problems are incorporated. Logical thinking skills will be developed.

**OR**

**Algebra I (361H)**

Algebra I builds upon the concepts introduced in Algebra Concepts which includes thorough investigation of the real number system; equations and inequalities; graphing; systems of equations; factoring; simplifying polynomials and rational algebraic expressions, probability and statistics. Introduction of the complex number system includes a comprehensive study of the operations of radicals.

**OR**

**Honors Algebra I (3611H)**

**Prerequisite:** Algebra Concepts; 93 or above average in Algebra Concepts.

Honors includes more rigorous, intensive application of core content at or above grade level that ensures comprehensive study of all topics with required independent research at an accelerated pace.

**OR**

**Plane Geometry (362H)**

Plane Geometry is for all college bound and general education students. It includes the study of the properties of physical shapes such as angles, triangles, polygons, and circles. Integrated into the problem solving are the deductive reasoning approach, practical applications, and the use of basic algebraic concepts to arrive at solutions.

**OR**

**Honors Plane Geometry (3621H)**

**Prerequisite:** Algebra I; 93 or better in Algebra Concepts and Algebra I

Honors includes more rigorous, intensive application of core content at or above grade level that ensures comprehensive study of all topics with required independent research at an accelerated pace.

## **PHYSICAL EDUCATION**

**PE - 9 (400H)**

This course includes a wide variety of sport activities, health topics, fitness and nutrition. Emphasis is placed on the development of fundamental sport skills and components of personal fitness. Collaborative problem-solving, team building, and communication skills are introduced throughout each lesson. The program teaches students the skills necessary to weigh options, to make responsible decisions and to develop behaviors that promote healthful living. In addition, freshmen will participate in a Family Consumer Science Unit.

# ELECTIVES

Students may take a second math class as one of their electives. If they choose a second math as an elective, that math course will be taken during semester 2.

## Ninth Grade MATH Course Sequence

Algebra Concepts	Algebra I Honors Algebra I	Geometry Honors Geometry	Algebra II Honors Algebra II
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### Algebra II (363H)

Algebra II is an expansion of the concepts learned in Algebra I. The topics covered are mathematical operations involving polynomials, rational expressions, irrational, and complex numbers. Higher order quadratic equations, polynomial equations, and exponential and logarithmic functions will be part of this coursework. Students will be expanding their knowledge of analytic geometry, as well as probability and statistics.

### OR

### Honors Algebra II (3631H)

**Prerequisite:** 93 or above in Honors Algebra I and Honors Plane Geometry  
Honors includes more rigorous, intensive application of core content at or above grade level that ensures comprehensive study of all topics with required independent research at an accelerated pace.

### Integrated Mathematics 9 (380H)

Students cannot enroll in this course; they will be selected based upon 8th Grade State Assessment scores and teacher/administrative recommendation.

## World Language

### French I (121H)

French I is an introduction to the language, culture, geography, and people of France. The course provides useful language skills from the outset based on speaking, listening, reading, and writing. Correct pronunciation and practice with the language are emphasized.

### OR

### Honors French (1211H)

**Prerequisite:** 93 or above average for eighth grade  
Honors courses include more rigorous, intensive application of core content at or above grade level with required independent reading and research at an accelerated pace.



### **German I (131H)**

German I is an introduction to the language, culture, geography, and people of German-speaking countries. Speaking, listening, reading, and writing skills are emphasized. Gender of nouns and present tense verbs are used to develop basic communication skills.

### **Spanish I for Native Speakers (150H)**

Spanish I for Native Speakers focuses on students who are proficient in reading, writing, and speaking Spanish. The course is taught entirely in Spanish and reviews fundamental grammatical concepts, advanced literature topics, and pertinent historical and cultural information.

**NOTE: Students are required to take a Placement Test for this course. Students who do not achieve a passing score of proficient in all testing areas will not be allowed to enroll in this course.**

**OR**

### **Spanish I (151H)**

Spanish I is an introduction to the language, culture, geography, and people of the Spanish-speaking world. Basic sound patterns, functional vocabulary, and fundamental grammatical skills are introduced.

**OR**

### **Honors Spanish I (1511H)**

**Prerequisite:** 93 or above average for eighth grade

Honors courses include more rigorous, intensive application of core content at or above grade level with required independent reading and research at an accelerated pace.

## **Business**

### **Computer Applications/Keyboarding (712H)**

Computer Applications and Keyboarding will enhance the development of basic keyboarding skills, communication skills, and document processing skills using computers. Students will learn how to prepare reports, outlines, letters, tables, resumes, applications, and agendas utilizing word processing software.

### **Personal Financial Literacy (717H)**

Students will be introduced to personal financial literacy concepts such as income sources, income and purchasing power, banking, personal risk management, buying decisions, the cost of credit, credit problems and credit laws, saving and investing options and consumer choices in today's world economy. A thorough math review in whole numbers, fractions, decimals, equations, percentages and measurement will be integrated into the instruction and projects. Decision-making and problem solving within the context of personal finance will be stressed.

## **Fine Arts**

### **Visual Arts I (601H)**

Visual Arts I is an elective art course designed as an overall introduction to the basic techniques, materials and ideas of creative visual arts. Basic drawing and painting techniques and movements, design elements and principles and familiarity with characteristics of art history will be emphasized.

### **Crafts I (605H)**

This course will provide the students with basic construction methods of a variety of crafts such as: ceramics, metal smiting, coiled basketry, plaster sculpture and weaving. Appropriate tools will be used (looms, pottery wheel, files, saws and rasps, soldering torches, buffing machine). Additional craft activities may also be explored as per instructor.

### **Concert Band (660H)**

**Prerequisite:** Basic instrumental skills

Band students receive experience in ensemble playing in a variety of musical styles. There will be public performances to display acquired skills. An outgrowth of the band class is the following performing groups: woodwind choir, brass choir, and other small ensembles.

### **Marching Band (661H)**

**Prerequisite:** Intermediate instrumental skills

Marching Band will provide students with an ensemble experience in which they can develop advanced instrumental techniques while performing a variety of musical styles. There are numerous public performances to display acquired skills. An outgrowth of this group is the following performing groups: pep band, stage band, woodwind choir, brass choir, and other small ensembles.

### **Freshman/Sophomore Concert Choir (664H)**

The Freshman/Sophomore Concert Choir is part of the Cougar Concert Choir. The Choir is designed for all members of the Freshman/Sophomore classes that are interested in participating in the Cougar Concert Choir. This arrangement is made for scheduling purposes. The Concert Choir will have numerous opportunities to perform many styles of choral music at school and public performances. All members of the Concert Choir will study correct vocal production and strive to improve their musician- ship.

## **Reading**

### **Reading Strategies (119H)**

Students will practice and apply reading strategies with a variety of texts. This course is designed to increase students' strengths to improve academic achievement. Focus will include PSSA prep and study skills.

## **Physical Education**

### **Exploring Health Careers (420H)**

This introductory course is designed for students interested in healthcare careers. Topics covered are pathogens, healthcare, job interviewing skills, body systems anatomy and medical careers. Guest speakers will be utilized in healthcare positions.

## **Career Exploration**

### **Exploring Health Related Careers (901H)**

This course provides reliable and realistic information about a variety of health careers, providing the students with exploratory experience in many allied health occupations which will enable them to make more meaningful career choices. Class activities include discussions with various health care and human service professionals, classroom projects, and field trips.

### **Explorations In Family and Consumer Science Careers (902H)**

This course prepares students for competence in the area of balancing work and family through the use of technology. Students will learn how to deal with realities of family, workplace, and community. Technology will be used to explore the following areas: family life, consumerism, environmental concerns, safety and security, meal planning and preparation, personal style, establishing credit, housing, dependent care in the family, parenting responsibilities, automobile purchasing, and the use of the Internet. This course will benefit any student interested in a career related to social services, foods and nutrition, child care, consumerism, or housing. It will also benefit any student interested in acquiring independent living skills.

### **Explorations In Business Careers (903H)**

This Business Education course offers all students the opportunity to explore business concepts and careers. Students explore seven units of instruction based on the National Standards for Business Education which include: Marketing, Economics & Personal Finance, Business Law, Accounting, International Business, Management, and Entrepreneurship. Each unit introduces key concepts and context-based hands-on activities using Microsoft Office applications. Students also build a foundation of skills through repeated exposure to these important core themes: career development, communication skills, computation skills, information systems and interrelationships of business functions. This course engages students with a fully integrated system that includes: interactive multimedia, multimedia case studies, skill-building activities and creative hands-on problem solving.

### **Career Technology Education (904H)**

A cluster Industry/occupational program that provides for a sequence of construction and manufacturing technology applications in a single program of study. This program prepares individuals to apply basic knowledge, application and skills in various fields of Building Construction, Manufacturing and Engineering.