

# HAZLETON AREA HIGH SCHOOL

## SCHOOL YEAR 2022-2023



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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.

**Mr. Daniel Rodgers, Title IX Coordinator**  
**1515 W 23<sup>rd</sup> Street, 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.

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 Keystone Exams 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 (570) 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 Integrated Science - 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

# GRADE 9

## SCHOOL YEAR 2022-2023

### 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.

### **ELD Curriculum is as follows:**

#### **ELD English I (949H)**

ELD 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 ELD instructor.**

#### **ELD English II (950H)**

ELD II is a continuation of ELD 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 ELD instructor.**

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

ELD III is a continuation of ELD 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 ELD instructor.**

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

ELD IV is a continuation of ELD 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 ELD 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 the Earth's role as 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 on 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 1A or Honors Biology 1A

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 1B or Honors Biology 1B in order to complete the full biology course.**

### **AND**

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

**Prerequisite:** 93 or above average in Biology 1A or Honors Biology 1A

Honors Biology 1B includes more rigorous, intensive application of core Biology 1B content at or above grade level with required independent readings, 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.**

### **Integrated Mathematics 9 (380H)**

Integrated Mathematics 9 will build on the concepts of Foundations of Algebra and introduce students to the number system, solving algebraic equations and inequalities, and factoring. Students cannot enroll in this course; they will be selected based upon 8th Grade State Assessment scores and teacher/administrative recommendation.

### **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 inequalities. The language and symbolism of Algebra are emphasized. Techniques for solving word problems are incorporated. Logical thinking skills will be developed.

### **Algebra 1A (361HA)**

Algebra 1A builds upon the concepts introduced in Algebra Concepts/ Foundations of Algebra which includes thorough investigation of the real number system; equations and inequalities; factoring; and simplifying polynomials.

### **Algebra 1B (361HB)**

Algebra 1B builds upon the concepts introduced in Algebra 1 which includes thorough graphing; systems of equations; and rational algebraic expressions, probability and statistics. Introduction of the complex number system includes a comprehensive study of the operations of radicals.

### **Honors Algebra I (3611H)**

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

Honors Algebra 1 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. Honors 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.

### **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 is 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.

### 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.

## PHYSICAL EDUCATION

### Physical Education 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 IA/Algebra IB Algebra I Honors Algebra I	Geometry Honors Geometry	Algebra II Honors Algebra II
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## 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 I (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.

**OR**

### **Honors German I (1311H)**

**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.

### **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.

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

**Prerequisite:** Basic to Intermediate instrumental skills

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: marching band, pep band, jazz ensemble, symphonic band, woodwind choir, brass choir, percussion ensemble, 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 musicianship.

## **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 Keystone prep and study skills.

## **Career Exploration**

### **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.

### **Explorations in Family and Consumer Science Careers (905H)**

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.

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

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.

# GRADE 10

## SCHOOL YEAR 2022-2023

### 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 II (102H)**

English II includes reading a variety of literary genres: short stories, novels, poetry, drama, and nonfiction. This course focuses on oral and written communication skills as well as speaking and listening. Resource skills will be utilized in the completion of a term paper. Literature activities concentrate on critical reading, analysis, and interpretation of diversified literary forms and devices.

#### **OR**

#### **Honors English II (1021H)**

**Prerequisite:** 93 or above average in English I or Honors English 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.

### **ELD Curriculum is as follows:**

#### **ELD English I (949H)**

ELD 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 ELD instructor.**

#### **ELD English II (950H)**

ELD II is a continuation of ELD 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 ELD instructor.**

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

ELD III is a continuation of ELD 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 ELD instructor.**

### **ELD English IV (95H2)**

ELD IV is a continuation of ELD 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 ELD instructor.**

## **SOCIAL STUDIES**

### **American Studies II (202H)**

American Studies II is a continuation of American Studies I. It covers from Industrialization to World War II. Emphasis is placed on historic, economic and political developments throughout the world as well as the United States during this time period.

### **OR**

### **Honors American Studies II (2021H)**

**Prerequisite:** 93 or above average in American Studies I/Civics

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

### **Advanced Placement United States History (2051H and 2051BH)**

**Prerequisite:** 93 or above average in American Studies I/Civics or Honors American Studies I/Civics

Advanced Placement United States History is an intense college level examination of our country's history. In-depth analysis, essays, and discussions of topics in American History help investigate the periods which have brought us to modern day America. *Students must take the Advanced Placement United States History Examination.* **This is year-long 2 credit course.**

## **SCIENCE**

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

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

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/Honors Bio. 1A.**

### **OR**

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

**Prerequisite:** 93 or above average in Biology 1A or Honors Biology 1A  
Honors Biology 1B includes more rigorous, intensive application of core Biology 1B content at or above grade level with required independent reading, research, and laboratory investigations at an accelerated pace.

## **MATH**

### **Algebra 1A (361HA)**

Algebra 1A builds upon the concepts introduced in Algebra Concepts/Foundations of Algebra which includes thorough investigation of the real number system; equations and inequalities; factoring; and simplifying polynomials

### **Algebra 1B (361HB)**

Algebra 1B builds upon the concepts introduced in Algebra 1 which includes thorough graphing; systems of equations; and rational algebraic expressions, probability and statistics. Introduction of the complex number system includes a comprehensive study of the operations of radicals.

### **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.

### **Integrated 10 (380H)**

**Prerequisite:** Algebra 1 at least 70% and Basic/Below Basic Keystone Algebra Exam

This course is specifically designed and required for selected 10th students to advance their mastery of the State standards for mathematics, to improve achievement on the Keystone Algebra 1 Exam, and to enhance students' mathematics skills for success in current and future mathematics courses. This course will count as a required math course. Admission into the course is by administrative approval only.

### **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 is 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.

### **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:** Plane Geometry; 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.

### **Trigonometry (366H)**

Trigonometry is recommended for students who have done well in previous math courses and who have college ambitions in which math are utilized. This course places emphasis on the understanding of definitions and principles of trigonometry and their applications to problem solving. It includes the circular functions concept, identities, radian measure, triangle solutions and vectors. This course includes polar equations and logarithmic functions. Solving right triangles based on trigonometric functions is developed through the course. Scientific calculators are used throughout this course.

**OR**

### **Honors Trigonometry (3661H)**

**Prerequisite:** Algebra II; 93 or above in Honors Algebra II

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.

### **Pre-Calculus (365H)**

Pre-Calculus is for students whose previous math background is strong. This course offers an excellent background in linear algebra, functions, and a complete foundation for calculus. This particular course will also address some analytical geometry and the use of equations and inequalities as mathematical models.

**OR**

### **Honor Pre-Calculus (3651H)**

**Prerequisite:** Trigonometry; 93 or above in Honors Trigonometry and Honors Algebra II

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**

### **Health and Wellness 10 (401H)**

This course is designed to contribute to the physical, intellectual, social and emotional well-being of the student. The curriculum is devoted to purposeful instruction in developmentally appropriate activities to promote a positive self-concept through fitness, sport, swimming and lifetime activities. Each student is able to achieve success according to his/her own ability. The Presidential Challenge and "FitnessGram" are administered to determine each student's needs. The Health component includes drug and alcohol awareness and nutrition.

## **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 I (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.

### **French II (122H)**

**Prerequisite:** French I or Honors French I

French II provides a smooth transition from Level I with a review of the vocabulary, grammar, and cultural topics previously learned. The focus is on increasing vocabulary and grammar skills through speaking, reading, writing, and listening. Correct pronunciation and practice exercises are emphasized.

### **OR**

### **Honors French II (1221H)**

**Prerequisite:** 93 or above average in French I or Honors French 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.

### **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.

### **OR**

### **Honors German I (1311H)**

**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 II (132H)**

**Prerequisite:** German I or Honors German I

German II continues to focus on developing basic communication skills by using vocabulary, grammar, and cultural topics learned in German I. Topics covered in German II expand on the essentials for reading, writing, and speaking the language.

**OR**

### **Honors German II (1321H)**

**Prerequisite:** 93 or above average in German I or Honors German 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.

### **Honors Spanish I for Native Speakers (1501H)**

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.

### **Honors Spanish II for Native Speakers (15231H)**

**Prerequisite:** Honors Spanish I for Native Speakers

Spanish II for Native Speakers continues the study of fundamental grammatical concepts, advanced literature topics, and pertinent historical and cultural information, while moving students towards a more formalized level of reading, writing, and speaking Spanish. Students discuss topics in depth, write essays, and analyze literature and poetry in their native language.

**OR**

### Spanish II (152H)

**Prerequisite:** Spanish I or Honors Spanish I

Spanish II reviews and reinforces vocabulary and basic grammar skills taught in Spanish I. The student is introduced to the present progressive and preterite tenses of the verb. Students converse and write using more complex grammar and vocabulary, and major cultural concepts are taught through cultural readings.

### OR

### Honors Spanish II (1521H)

**Prerequisite:** 93 or above average in Spanish I or Honors Spanish 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.

## 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.

### Tenth Grade MATH Course Sequence

Algebra IA / Algebra IB	Plane Geometry	Algebra II	Trigonometry	Pre-Calculus
Algebra I	Honors Plane Geometry	Honors Algebra II	Honors Trigonometry	Honors Pre-Calculus

## Business

### Accounting I (701H)

Accounting I introduces the basic accounting concepts and procedures used by sole proprietorships as well as partnerships. Students taking this course will learn how to keep business records for both service and merchandising businesses. Skills learned can be used directly on the job or to provide the necessary foundations for more advanced business courses in college.

### Accounting II (702H)

**Prerequisite:** Accounting I

Accounting II is designed to further enhance accounting skills. Emphasis is placed on accounting procedures which include inventory control methods, payroll procedures, and depreciation. The basic design is to increase competencies for those who wish to enter accounting careers directly upon graduation from high school in addition to those who will study other business courses at the college level.

### **Business Law (782H)**

Business Law is designed to create an awareness of the laws that pertain to business, personal life, and various professions and trades. This course explores the foundations of our laws and legal systems, constitutional rights, amendments, and forms of dispute resolution. Emphasis is on individual rights, contracts, real estate conveyance, insurance, liability (personal and business), wills and trusts, commercial papers, etc.

### **Web Page Design (780)**

**Prerequisite:** Algebra I

This hands-on course includes principles of design, HTML (Hyper Text Markup Language) coding used to create web pages, graphics, animation, and web site maintenance. The Internet is used as a research tool and effective searching skills are taught and applied. Topics include fundamental tags, tables, forms, JavaScript, and style sheets.

## **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.

### **Visual Arts II (602H)**

**Prerequisite:** Visual Arts I

Visual Arts II provides concentrated work in selected areas of two-dimensional and three-dimensional design. Drawing, painting, sculpture, and printmaking are included. Students will be expected to work independently and demonstrate growth and understanding in the handling of various materials, techniques, concepts and ideas.

### **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.

### **Crafts II (608H)**

**Prerequisite:** Crafts I

This course will concentrate work in the areas of ceramics and metalsmithing. Hand building and throwing on the pottery wheel and more advanced metalsmithing techniques will be included. Students will be expected to work independently and to demonstrate growth in each medium.

## **Painting (612H)**

**Prerequisite:** Visual Arts I

Painting is designed as an overall introduction to the basic techniques used in watercolors, acrylic, and oil paints. Students will learn a variety of ways to apply paint to capture different textures and styles and be expected to demonstrate these in their own works. Students will study different artists and their painting styles.

## **Band (661H)**

**Prerequisite:** Basic to Intermediate instrumental skills

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: marching band, pep band, jazz ensemble, symphonic band, woodwind choir, brass choir, percussion ensemble, 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 musicianship.

## **Cougar Concert Choir (665H)**

**Prerequisite:** Teacher approval

Cougar Concert Choir is designed for all students of the high school who are interested in performing choral music. All members of the Concert Choir will study correct vocal production and strive to improve their musicianship. The Concert Choir performs many styles of choral music at various school and public performances. Participation in this ensemble will allow eligibility for District, Regional, and All-State choral competitions and festivals.

## **Music Theory/Technology I (667H)**

Music Theory/Technology will use computers, synthesizers, and related software to experiment, create and experience different styles of music and sound. Students will gain hands-on experience using technology to develop their individual needs and preferences by creating their own compositions and the analysis of existing compositions. Students will receive instruction in all the elements of music: ear training, melody writing, harmony and other areas of musical terminology. Students will be developing musical skills and the knowledge of the fundamentals of music theory in this course.

## **English**

### **Journalism I (111H)**

**Prerequisite:** English I

Journalism I is a one semester course designed for students interested in newspaper journalism and developing their skills as a writer. The course explores contemporary media and the ethical responsibility inherent in the press today. Students will learn the fundamentals of news, features, editorial and sports and entertainment writing. This course aims to help students master the basic elements of writing news and feature stories that are clear, accurate and fair. Copy reading, news style and editing will be stressed. Students will create numerous original stories using varied structures and writing techniques.

## **Social Studies**

### **World Cultures (227H)\*\***

A political, socio-cultural perspective of the world will be analyzed through the ideologies of each prominent cultural region of the world (i.e. Middle Eastern, Asian, Latino, African, etc.). The course will provide a greater understanding of the significant similarities of the world's population as well as explore diversity and citizenship in the context of a global society.

## **World Language**

### **French III (123H)**

**Prerequisite:** French II or Honors French II

French III continues to build upon skills in conversation, reading, and writing. Students are introduced to the past tense and further expansion of vocabulary. Topics of interest include learning about French homes, understanding French government, and learning interesting facts about well-known French cities.

**OR**

### **Honors French III (1231H)**

**Prerequisite:** 93 or above average in French II or Honors French II

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 III (133H)**

**Prerequisite:** German II or Honors German II

German III continues to build and refine communication skills in both the present and past tense by means of longer and more complex conversational patterns and writing assignments. Emphasis is placed on correct pronunciation and grammatically correct phrase and sentence structure.

**OR**

### **Honors German III (1331H)**

**Prerequisite:** 93 or above average in German II or Honors German II  
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.

### **Spanish III (153H)**

**Prerequisite:** Spanish II or Honors Spanish II  
Spanish III is designed to review the basic grammar skills learned in Spanish I and Spanish II. Students are introduced to more complicated grammar structures. Speaking, writing, reading, and listening skills are reinforced through active student participation in class activities.

**OR**

### **Honors Spanish III (1531H)**

**Prerequisite:** 93 or above average in Spanish II or Honors Spanish II  
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.

**OR**

### **Honors Spanish III for Native Speakers (1591H)**

**Prerequisite:** Honors Spanish II for Native Speakers  
Spanish III for Native Speakers continues the study of fundamental as well as advanced grammatical concepts, advanced literature topics, and pertinent historical and cultural information, while moving students towards a more formalized level of reading, writing, and speaking Spanish. Students discuss topics in depth, write essays, and analyze literature and poetry in their native language. The course is designed as an AP Spanish Language and Culture preparatory course.

## **Health Careers**

### **Health Careers I (822C)**

Health Careers I is an introduction to the basic concepts of health care including infection control, the medical and legal aspects of health care, and introduction information on various careers in health care.

## **Physical Education**

### **Lifeguard Training (419H)**

**Prerequisite:** Grade 9 Physical Education, the ability to swim 300 yards continuously (using the front crawl and the breaststroke), tread water for 2 minutes using only the legs, and complete a timed event within 1 minute and 40 seconds. This course is designed to train lifeguards. The American Red Cross lifeguard training course will be used and certification in lifeguarding and the professional rescuer can be achieved. Students seeking Red Cross Certification will have to pay a fee of \$35 for new certifications and \$27 for renewals. This course can be substituted for Physical Education Grades 10-11-12.

# GRADE 11

## SCHOOL YEAR 2022-2023

### 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 III (103H)**

English III involves an advanced study and practice of the principles of effective writing with an emphasis on the various types of discourse and the research process. Students will explore the general background, progress, and development of American literature, including appropriate vocabulary. Students are required to complete a research paper.

#### **OR**

##### **Honors English III (1031H)**

**Prerequisite:** 93 or above average in English II or Honors English II

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.

#### **ELD Curriculum is as follows:**

##### **ELD English I (949H)**

ELD 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 ELD instructor.**

##### **ELD English II (950H)**

ELD II is a continuation of ELD 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 ELD instructor.**

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

ELD III is a continuation of ELD 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 ELD instructor.**

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

ELD IV is a continuation of ELD 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 ELD instructor.**

## **SOCIAL STUDIES**

### **American Studies III (203H)**

American Studies III is a continuation of American Studies II. It encompasses the 1930's to the present. Emphasis is placed on historic, economic and political developments that lead to an understanding of today's American Society, its problems and its achievements.

### **OR**

### **Honors American Studies III (2031H) or (2031HL)\*\***

**Prerequisite:** 93 or above average in American Studies II

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.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> grade student.**

## **SCIENCE**

### **Chemistry 1A (310H)**

**Prerequisite:** Biology 1B

**All students must complete Honors Chemistry 1B or Chemistry 1B in order to complete a full Chemistry course.**

Chemistry 1A integrates basic inorganic chemistry with math topics. The content of this course includes studying properties of matter and energy, naming compounds and writing chemical formulas, properties of mixtures, chemical bonding, atomic theory, behavior of electrons in atoms, periodicity of elements, the mole, using models to illustrate bonding, and stoichiometry.

### **OR**

### **Honors Chemistry 1A (3101H)**

**Prerequisite:** 93 or above average in Honors Biology 1B or Biology 1B, and 93 or above average in Algebra 1

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

### **Chemistry 1B (311H)**

**Prerequisite:** Chemistry 1A and Algebra 1

Chemistry 1B, the continuation of Chemistry 1A, will investigate additional chemistry content. The topics include the use of stoichiometry relationships to calculate reactants, products, and limiting reactants and products in a chemical reaction, synthesis, decomposition, replacement and combustion reaction, thermodynamics, gas laws, solutions, molarity, and acid-base-salt/buffers theory.

This course is required to complete a full chemistry course following Chemistry.

**OR**

### **Honors Chemistry 1B (311H)**

**Prerequisite:** 93 or above in Honors Chemistry 1A, and 93 or above in Algebra 1  
Honors Chemistry 1B includes more rigorous, intensive application of core Chemistry 1B content at or above grade level with required independent reading, research, and laboratory investigations at an accelerated pace. Honors Chemistry 1B or Chemistry 1B is a requirement that must be taken in order to complete a full chemistry course.

### **Conceptual Chemistry (309H)**

**Prerequisite:** Biology 1B

Conceptual Chemistry is an introductory course designed to provide students with foundational knowledge of chemistry, the study of matter and change. The course is designed to help students understand basic chemical principles and master problem-solving skills. Students will develop an understanding of how those concepts can be applied to the study of the Earth, the environment, stars and planets, living things, and their daily lives. The application of math as a means to understand chemistry is taught through a scaffolded structure to ensure student understanding.

## **MATH**

### **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:** Plane Geometry; 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.

### **Statistics (364H)**

Statistics is an introductory course that includes basic statistical concepts and methods presented in a manner that emphasizes understanding the principles of data collection and analysis. The course includes descriptive and inferential statistics, regression and correlation, hypothesis testing, and two-way tables.

**This course cannot be taken until Algebra II credit is achieved.**

**OR**

### **Honors Statistics (3641H)\*\***

**Prerequisite:** Algebra I, Plane Geometry, and Algebra II; 93 or above in Honors Algebra II

Statistics is a course that includes basic statistical concepts and methods presented in a manner that emphasizes understanding the principles of data collection and analysis. The course includes descriptive and inferential statistics, regression and correlation, hypothesis testing, analysis of variance, two-way tables, and the chi-squared test. ***This course cannot be taken until Algebra II credit is achieved.***

### **Trigonometry (366H)**

Trigonometry is recommended for students who have done well in previous math courses and who have college ambitions in which math are utilized. This course places emphasis on the understanding of definitions and principles of trigonometry and their applications to problem solving. It includes the circular functions concept, identities, radian measure, triangle solutions and vectors. This course includes polar equations and logarithmic functions. Solving right triangles based on trigonometric functions is developed through the course. Scientific calculators are used throughout this course.

**OR**

### **Honors Trigonometry (3661H)**

**Prerequisite:** Algebra II; 93 or above in Honors Algebra II

Honors includes 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.

### **Pre-Calculus (365H)**

Pre-Calculus is for students with a strong math background. This course offers an excellent background in linear algebra, functions, and a complete foundation for calculus. This particular course will also address some analytical geometry and the use of equations and inequalities as mathematical models.

**OR**

### **Honors Pre-Calculus (3651H)**

**Prerequisite:** Trigonometry; 93 or above in Honors Trigonometry Honors Algebra II

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.

### **Calculus I (367H)**

Calculus I includes both derivatives and integrals of polynomials, exponential functions, trigonometric functions, and logarithmic functions. Applications of derivatives and integrals are also introduced. A strong foundation in algebra and graphing functions is essential.

**OR**

### **Honors Calculus I (3671H)**

**Prerequisite:** Pre-Calculus or Honors Pre-Calculus; 93 or above average in Honors Pre-Calculus and Honors Trigonometry

Honors includes 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.

### **Advanced Placement Calculus (must take both 3701H and 3701BH)**

**Prerequisite:** 93 or above in Honors Pre-Calculus and Honors Trigonometry

Advanced Placement Calculus is a college level calculus class designed for those students entering mathematics or science related field. The selection of topics is designed to meet the requirements set forth in the syllabus of the Advanced Placement Calculus AB Exam. Major topics include differential and integral calculus along with their applications. *Students are required to take the Advanced Placement Examination. This is a year-long 2 credit course.*

## **WORLD LANGUAGE**

**\*Students must take 2-4 years of one language  
(depending on college requirements)**

### **French II (122H)**

**Prerequisite:** French I or Honors French I

French II provides a smooth transition from Level I with a review of the vocabulary, grammar, and cultural topics previously learned. The focus is on increasing vocabulary and grammar skills through speaking, reading, writing, and listening. Correct pronunciation and practice exercises are emphasized.

**OR**

### **Honors French II (1221H)**

**Prerequisite:** 93 or above average in French I or Honors French I

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

### **French III (123H)**

**Prerequisite:** French II or Honors French II

French III continues to build upon skills in conversation, reading, and writing. Students are introduced to the past tense and further expansion of vocabulary. Topics of interest include learning about French homes, understanding French government, and learning interesting facts about well-known French cities.

**OR**

### **Honors French III (1231H)**

**Prerequisite:** 93 or above average in French II or Honors French II

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 II (132H)**

**Prerequisite:** German I or Honors German I

German II continues to focus on developing basic communication skills by using vocabulary, grammar, and cultural topics learned in German I. Topics covered in German II expand on the essentials for reading, writing, and speaking the language.

**OR**

### **Honors German II (1321H)**

**Prerequisite:** 93 or above average in German I or Honors German I

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

### **German III (133H)**

**Prerequisite:** German II or Honors German II

German III continues to build and refine communication skills in both the present and past tense by means of longer and more complex conversational patterns and writing assignments. Emphasis is placed on correct pronunciation and grammatically correct phrase and sentence structure.

**OR**

### **Honors German III (1331H)**

**Prerequisite:** 93 or above average in German II or Honors German II

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.

### **Honors Spanish II for Native Speakers (15231H)**

**Prerequisite:** Spanish I for Native Speakers

Spanish II for Native Speakers continues the study of fundamental grammatical concepts, advanced literature topics, and pertinent historical and cultural information, while moving students towards a more formalized level of reading, writing, and speaking Spanish. Students discuss topics in depth, write essays, and analyze literature and poetry in their native language.

**OR**

### **Spanish II (152H)**

**Prerequisite:** Spanish I or Honors Spanish I

Spanish II reviews and reinforces vocabulary and basic grammar skills taught in Spanish I. The student is introduced to the present progressive and preterite tenses of the verb. Students converse and write using more complex grammar and vocabulary, and major cultural concepts are taught through cultural readings.

**OR**

### **Honors Spanish II (1521H)**

**Prerequisite:** 93 or above average in Spanish I or Honors Spanish I

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

### **Spanish III (153H)**

**Prerequisite:** Spanish II or Honors Spanish II

Spanish III is designed to review the basic grammar skills learned in Spanish I and Spanish II. Students are introduced to more complicated grammar structures. Speaking, writing, reading, and listening skills are reinforced through active student participation in class activities.

**OR**

### **Honors Spanish III (1531H)**

**Prerequisite:** 93 or above average in Spanish II or Honors Spanish II

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.

**OR**

### **Honors Spanish III for Native Speakers (1591H)**

**Prerequisite:** Honors Spanish II for Native Speakers

Spanish III for Native Speakers continues the study of fundamental as well as advanced grammatical concepts, advanced literature topics, and pertinent historical and cultural information, while moving students towards a more formalized level of reading, writing, and speaking Spanish. Students discuss topics in depth, write essays, and analyze literature and poetry in their native language. The course is designed as an AP Spanish Language and Culture preparatory course.

### **Advanced Placement Spanish (Language and Culture) (1561H and 1561BH)**

**Prerequisite:** Honors Spanish IV or Qualifying Passing Score on a Placement Examination (and at least three years of Spanish language study)

The AP Spanish Language and Culture course shall be conducted primarily in Spanish utilizing materials from the Spanish-speaking world. The course is designed for those students who have a deep understanding of Spanish grammar and wish to expand not only their grammatical skills to the highest level but to further improve their proficiency in listening, speaking, reading, and writing skills to be ready for the AP Spanish Language and Culture Examination. Students are required to speak Spanish as much as possible in the classroom. Students are also expected to read and write essays in Spanish on a weekly basis. *Students are required to take the Advanced Placement Examination. This is a year-long 2 credit course.*

# 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.

## Eleventh Grade MATH Course Sequence

Plane Geometry Honors Plane Geometry	Algebra II Honors Algebra II	Trigonometry Honors Trigonometry	Pre-Calculus Honors Pre-Calculus	Calculus I Honors Calculus I AP Calculus
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## Business

### Accounting I (701H)

Accounting I introduces the basic accounting concepts and procedures used by sole proprietorships as well as partnerships. Students taking this course will learn how to keep business records for both service and merchandising businesses. Skills learned can be used directly on the job or to provide the necessary foundations for more advanced business courses in college.

### Accounting II (702H)

**Prerequisite:** Accounting I

Accounting II is designed to further enhance accounting skills. Emphasis is placed on accounting procedures which include inventory control methods, payroll procedures, and depreciation. The basic design is to increase competencies for those who wish to enter accounting careers directly upon graduation from high school in addition to those who will study other business courses at the college level.

### Business Principles and Management (781H) (Grades 11 & 12)

The Business Principles and Management course focuses on establishing a foundation of established business principles and practices that form the groundwork for all business operations. Business fundamentals such as organizational structures, human resource planning, financing and financial operations, global competition, and business ethics will be stressed. The use of today's technology which includes the modification of physical plant structures to be more energy/cost efficient will also be discussed.

### **Business Law (782H)**

Business Law is designed to create an awareness of the laws that pertain to business, personal life, and various professions and trades. This course explores the foundations of our laws and legal systems, constitutional rights, amendments, and forms of dispute resolution. Emphasis is on individual rights, contracts, real estate conveyance, insurance, liability (personal and business), wills and trusts, commercial papers, etc.

### **Web Page Design (780H)**

**Prerequisite:** Algebra I

This hands-on course includes principles of design, HTML (Hyper Text Markup Language) coding used to create web pages, graphics, animation, and web site maintenance. The Internet is used as a research tool and effective searching skills are taught and applied. Topics include fundamental tags, tables, forms, Javascript, and style sheets.

### **Honors Accounting 1/Honors Accounting 2 (7041HL and 7051HL)**

**Prerequisite:**

This course presents the accounting cycle covering both service and merchandising activities of a sole proprietorship. It also, analyzes a business transaction from a journal entry through the preparation of the financial statements (income statement, statement of owner equity, and the balance sheet) to closing journal entries. The course includes but is not limited to, perpetual inventory, accounts and notes receivable, and accounting for plant and intangible assets.

**\*\*\*This course is ONLY offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student. This class is NOT offered as a high school course. This is a year-long course broken into two separate classes. Accounting 1 occurs in the Fall semester and Accounting 2 occurs in the Spring semester. The two classes together make up Accounting 111.**

## **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.

### **Visual Arts II (602H)**

**Prerequisite:** Visual Arts I

Visual Arts II provides concentrated work in selected areas of two-dimensional and three-dimensional design. Drawing, painting, sculpture, and printmaking are included. Students will be expected to work independently and demonstrate growth and understanding in the handling of various materials, techniques,

concepts and ideas.

### **Visual Arts III (603H)**

**Prerequisite:** Visual Arts II

Visual Arts III continues work in selected areas of two-dimensional and three-dimensional design. There is concentrated emphasis on drawing, painting, sculpture, print-making, and art history. Emphasis is on the personal growth and style of the student.

### **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.

### **Crafts II (608H)**

**Prerequisite:** Crafts I

This course will concentrate work in the areas of ceramics and metalsmithing. Hand building and throwing on the pottery wheel and more advanced metalsmithing techniques will be included. Students will be expected to work independently and to demonstrate growth in each medium.

### **Crafts III (609H)**

**Prerequisite:** Crafts II

Work will be concentrated in the areas of clay and metalsmithing. Students will be expected to work independently to foster growth and development of a personal style. Advanced areas will include metal casting, enameling and glass fusing.

### **Painting (612H)**

**Prerequisite:** Visual Art I

Painting is designed as an overall introduction to the basic techniques used in watercolors, acrylic, and oil paints. Students will learn a variety of ways to apply paint to capture different textures and styles and be expected to demonstrate these in their own works. Students will study different artists and their painting styles.

### **Honors Drawing 1 (6131HL)\*\*\***

**Prerequisite:** 93 or higher in Visual Arts 2 or Visual Studio Arts 2 or teacher approval

Honors Drawing 1 is an advanced art course designed to provide students with realistic drawing skills through a strong focus on observational drawing. Concepts covered include gesture drawing, contour line drawing, proportion, value, form, and linear perspective. Students will work in a variety of drawing mediums including pencil, charcoal, and ink. This project-based course allows student to demonstrate their skills through a variety of projects, focusing on both technique and composition.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student.**

## **Band (661H)**

**Prerequisite:** Basic to Intermediate instrumental skills

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: marching band, pep band, jazz ensemble, symphonic band, woodwind choir, brass choir, percussion ensemble, and other small ensembles.

## **Cougar Concert Choir (665H)**

**Prerequisite:** Teacher approval

Cougar Concert Choir is designed for all students of the high school who are interested in performing choral music. All members of the Concert Choir will study correct vocal production and strive to improve their musicianship. The Concert Choir performs many styles of choral music at various school and public performances. Participation in this ensemble will allow eligibility for District, Regional, and All-State choral competitions and festivals.

## **Music Appreciation (666H)**

For the student who has a desire to study classical music. Music Appreciation is designed to develop students' knowledge of music as it has progressed to the present day through the enhancement of listening skills. Students should gain enough musical background to become adequate consumers and advocates of music. Time periods covered are: Primitive, Middle Ages, Renaissance, Baroque, Classical, Romantic, 20th Century, Jazz, and Rock & Roll.

## **Music Theory/Technology I (667H)**

Music Theory/Technology will use computers, synthesizers, and related software to experiment, create and experience different styles of music and sound. Students will gain hands-on experience using technology to develop their individual needs and preferences by creating their own compositions and the analysis of existing compositions. Students will receive instruction in all the elements of music: ear training, melody writing, harmony and other areas of musical terminology. Students will be developing musical skills and the knowledge of the fundamentals of music theory in this course.

## **Advanced Music Theory/Technology II (668H)**

**Prerequisite:** Music Theory/Technology I

Advanced Music Theory/Technology is an extension of Music Theory I with further emphasis on arranging, orchestration, composition, and harmonic analysis. Upon completion of this course, the student will have covered the necessary material to successfully enter a college music program.

## English

### College Board SAT Preparation Course (119H)

This 1-semester course is for 11<sup>th</sup> grade students interested in preparing for the College Board entrance exam (SAT). The course will emphasize test taking skills, familiarity with the test format and grading, and review of relevant topics. Critical reading, mathematics, and writing will be covered in this 1-credit elective course. Prerequisites are Algebra II and English II.

### Journalism I (111H)

**Prerequisite:** English I

Journalism I is a one semester course designed for students interested in newspaper journalism and developing their skills as a writer. The course explores contemporary media and the ethical responsibility inherent in the press today. Students will learn the fundamentals of news, features, editorial and sports and entertainment writing. This course aims to help students master the basic elements of writing news and feature stories that are clear, accurate and fair. Copy reading, news style and editing will be stressed. Students will create numerous original stories using varied structures and writing techniques.

### Honors Journalism II (1121H)

**Prerequisite:** Journalism I

Honors Journalism II is a continuation, and the next logical progression, of the basics taught in Journalism I. Students will conduct interviews, write in a variety of journalistic forms, discuss editorial positions, work with photography, and, most importantly, help produce and edit the newspaper using desktop publishing. Business management skills, essential to the self-sufficiency of a newspaper, will be emphasized. The course explores the worlds of contemporary media and social media. The ethical responsibility issues inherent in the press today will provide a strong basis for this course. Students will gain practical experience through reporting on campus and community events, with frequent writing and rewriting assignments.

### Creative Writing I (114H)\*\*

**Prerequisite:** English I or Honors English I

Creative Writing I offers instruction in the various forms of imaginative writing. Students will study selected samples of prose, drama, and poetry as inspiration for their original compositions. Emphasis is placed on self-expression while developing proficiency in narrative, descriptive, persuasive, and expository writing. Projects include the following genres: horror, science fiction, and satire. In addition, basic forms of poetry, methods of print advertising, and scriptwriting will be studied. A class literary arts magazine will be produced.

## Science

### **Anatomy and Physiology (307H)**

**Prerequisite:** Biology 1B

Anatomy and Physiology is an elective course designed to prepare students entering the allied health field, especially nursing, pre-med, dentistry, physician's assistant, and physical therapy. The course focuses on a projects based design, lecture and discussion with practical lab experiences to teach the relationship between structure (anatomy) and function (physiology) of the human body.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student.**

### **Advanced Placement Biology (3081H and 3081BH)**

**Prerequisite:** 93 or above average in Biology 1B or Honors Biology 1B

Advanced Placement Biology is a college level course that focuses on molecular biology, genetics, evolution, anatomy and physiology, animal behavior, and ecology. This course will place special emphasis on preparing the student for successful completion of the Advanced Placement Biology Examination.

*Students are required to take the Advanced Placement Examination. This is a year-long course.*

### **Advanced Placement Chemistry (3131H and 3131BS)**

**Prerequisite:** 93 or above in Honors Chemistry 1B, and 93 or above average in Honors Pre-Calculus and/or Calculus

This year-long 2 credit course is designed for those students who plan on entering a medical or engineering field of study. The course is an intensely paced introduction to a two-semester college chemistry course. *Students are required to take the Advanced Placement Chemistry examination.*

### **Botany (332H)**

**Prerequisite:** Biology 1B

Botany is the scientific study of plants and their relationship to the environment.

In this course students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants. Laboratory and fieldwork experiences complement classroom activities.

### **Microbiology/Genetics (330)**

**Prerequisite:** Biology 1B

Microbiology/Genetics is an accelerated class that begins with a review of basic biological concepts in microbiology and genetics. The course includes an in-depth study of microbiology and genetics. Students who are considering careers in biology, science technology, health service or related fields should find this course a valuable asset to their continuing education.

### **College Biology (3221HL)**

**Prerequisite:** Biology 1B

This course introduces the principles and concepts of biology. Emphasis is placed on basic biological chemistry, cell structure and function, metabolism and

energy transformation, genetics, and other related topics. Upon completion, students should be able to demonstrate understanding of life at the molecular and cellular levels. Laboratory work includes use of the compound light microscope, study of cells and cellular transport, chemical energy processes, enzymatic function, and genetics.

**\*\*\*This course is ONLY offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student. This class is NOT offered as a high school course.**

## **Social Studies**

### **Street Law (220H)**

Street Law offers students an opportunity to gain a practical view of basic issues which confront individuals in everyday life. Street Law is designed to provide insights into specific areas of law such as civil, criminal, family, housing, and constitutional issues. This course is offered to juniors and seniors.

### **Sociology (222H) or (2221HL)\*\*\***

Sociology is a course designed for students to focus on the use of sociological perspective to examine culture, social structure, social institutions, social inequality, and the individual in society. Work will be conducted through research projects, oral discussions, real life applications and group dynamics. This elective is open to juniors and seniors.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student.**

### **Psychology I (223H) or (2231HL)\*\*\***

Psychology introduces the student to the fascinating study of human thinking and behavior. Students will explore the roles that emotion, stress, heredity, environment, and motivation play in human development. Current topics in psychology will also be analyzed, discussed and critiqued.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student.**

### **World Cultures (227H)\*\***

A political, socio-cultural perspective of the world will be analyzed through the ideologies of each prominent cultural region of the world (i.e. Middle Eastern, Asian, Latino, African, etc.). The course will provide a greater understanding of the significant similarities of the world's population as well as explore diversity and citizenship in the context of a global society.

### **Advanced Placement Psychology (2281H and 2281BH)**

**Prerequisite:** 93 or above in Honors U.S. History I or U.S. History I; 93 or above in Honors Biology 1B or Biology 1B

The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. This class will prepare students for college level psychology courses through rigorous class requirements such as essays, research papers, scientific analysis, and experiments. *Students must take the Advanced Placement Examination. This is year-long 2 credit course.*

### **Advanced Placement United States History (2051H and 2051BH)**

**Prerequisite:** 93 or above average in American Studies I/Civics or Honors American Studies I/Civics

Advanced Placement United States History is an intense college level examination of our country's history. In-depth analysis, essays, and discussions of topics in American History help investigate the periods which have brought us to modern day America. *Students must take the Advanced Placement United States History Examination. This is year-long 2 credit course.*

## **World Language**

### **French IV (124H)**

**Prerequisite:** French III or Honors French III

French IV continues to build upon skills in conversation, reading, and writing. Students are introduced to the imperfect and future tenses and the conditional mood along with a further expansion of vocabulary. Topics of interest include learning about daily routines, childhood stories, imagining our future selves, and the characteristics of a hero or heroine.

**OR**

### **Honors French IV (1241H)**

**Prerequisite:** 93 or above in French III or Honors French III

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.

### **Spanish IV (154H)**

**Prerequisite:** Spanish III or Honors Spanish III

Spanish IV stresses learning advanced grammar skills to increase conversation and writing abilities. Students are introduced to geography, history, literature, and the fine arts through various readings and films. The focus is on intensifying student understanding of the Spanish culture.

**OR**

### **Honors Spanish IV (1541H) or (1541HL)\*\*\***

**Prerequisite:** 93 or above average in Spanish III or Honors Spanish III

Honors courses include rigorous, intensive application of core content at or

above grade level with independent reading/research at an accelerated pace.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student.**

### **German IV (134H)**

**Prerequisite:** German III or Honors German III

German IV includes a general review of material and topics presented in introductory courses before moving on to the finer points of grammar and vocabulary. Language competency is demonstrated through detailed projects showcasing the language skills that the students have acquired.

**OR**

### **Honors German IV (1341H)**

**Prerequisite:** 93 or above average in German III or Honors German III

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.

## **Health Careers**

### **Health Careers II (823C)**

Health Careers II includes a focus on Anatomy and Physiology, communications, and medical terminology. Students perform health care skills such as hand washing, moving and transporting patients, and measuring and recording temperature, pulse, and respirations.

## **Physical Education**

### **Physical Education 11/12 (402H)**

This course emphasizes physical fitness and the importance of developing/maintaining lifetime physical fitness habits. Portions of the course stress development of teamwork, trust, cooperation, leadership and problem solving skills. Pre and Posttest are utilized to chart student progress (Presidential Challenge). Lifetime sports, aquatics, team and individual sports are utilized throughout the course. Written assignments, evaluations, student journals are infused in each unit.

### **Lifeguard Training (419H)**

**Prerequisite:** Grade 9 Physical Education, ability to swim 300 yards continuously (using front crawl and breaststroke), tread water for 2 minutes using only the legs, and complete a timed event within 1 minute and 40 seconds.

This course is designed to train lifeguards. The American Red Cross lifeguard training course will be used and certification in lifeguarding and the professional rescuer can be achieved. Students who want Red Cross Certification will have to pay a fee \$35 for new certifications and \$27 for renewals. This course can be substituted for Physical Education Grades 10-11-12.

# GRADE 12

## SCHOOL YEAR 2022-2023

### 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 IV (104)

English IV consists of the chronological organization of English Literature including nonfiction, short stories, plays, novels, and poetry, which shows the progression of themes through the various eras of English history. Attention is also given to the inductive and deductive writing process and to advanced points of grammar. An integral part of the course will be to write a research paper and to master correct research paper format. Students will read and critically analyze British Literature. Required compositions will concentrate on literary elements.

#### O R

#### Honors English IV (1041H) or (1041HL)\*\*\*

**Prerequisite:** 93 or above average in English III or Honors English III

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.

\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 12<sup>th</sup> grade student.

#### Advanced Placement English Language and Composition (1081AH/1081BH)

**Prerequisite:** 93 or above average in Honors English III or approval of classroom teacher. The Advanced Placement English Language and Composition course is multidimensional, focusing on the exploration of ideas, analytical examination of language and rhetoric, and assignments based on developing coherence, logic, diction, and tone, along with an emphasis on advanced vocabulary and rhetorical terminology in preparation for the advanced placement test. *Students are required to take the Advanced Placement Language and Composition Examination. This is a year-long 2 credit course.*

### ELD Curriculum is as follows:

#### ELD English I (949H)

ELD 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 ELD instructor.**

### **ELD English II (950H)**

ELD II is a continuation of ELD 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 ELD instructor.**

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

ELD III is a continuation of ELD 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 ELD instructor.**

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

ELD IV is a continuation of ELD 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 ELD instructor.**

## **SOCIAL STUDIES**

### **Economics (212H)**

Economics is a senior level course where students will engage in topics that explore basic economics reasoning, economic systems as well as American Free Enterprise. Personal and Institutional relationships with markets, business, and labor, money, banking, and finance will also be discussed.

### **OR**

### **Honors Economics (2121H)**

**Prerequisite:** 93 average or above in American Studies III

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.

### **United States Government (204H)**

United States Government is a senior level course that introduces the student to various levels of government and politics in the United States. The course emphasizes constitutional development, citizenship and rights, the electoral process, and the role of each branch of government. Students will also examine the government's ability to handle contemporary issues both domestic and foreign.

## OR

### Honors United States Government (2041H) or (2041HL)\*\*\*

**Prerequisite:** 93 or above average in American Studies III or H. Am. Studies III  
Honors courses include rigorous, intensive application of core content at or above grade level with independent reading/research at an accelerated pace.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 12<sup>th</sup> grade student.**

### Advanced Placement United States Government and Politics (2071H and 2071BH)

**Prerequisite:** 93 or above in American Studies III or Honors American Studies III  
Advanced Placement United States Government and Politics is an intensive study of the basic structures of government and the processes of the American political system, with emphasis on policy-making and implementation. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes in government and politics. The concepts and specific topics examined in this course are those that may appear on the AP exam. *Students are required to take the Advanced Placement Examination.*

**This is a year-long 2 credit course.**

## MATH

### Statistics (364H)

Statistics is an introductory course that includes basic statistical concepts and methods presented in a manner that emphasizes understanding the principles of data collection and analysis. The course includes descriptive and inferential statistics, regression and correlation, hypothesis testing, and two-way tables.

**This course cannot be taken until Algebra II credit is achieved.**

## OR

### Honors Statistics (3641H)\*\*

**Prerequisite:** Algebra I, Plane Geometry, and Algebra II; 93 or above in Honors Algebra II

Statistics is a course that includes basic statistical concepts and methods presented in a manner that emphasizes understanding the principles of data collection and analysis. The course includes descriptive and inferential statistics, regression and correlation, hypothesis testing, analysis of variance, two-way tables, and the chi-squared test. **This course cannot be taken until Algebra II credit is achieved.**

### Pre-Calculus (365H)

Pre-Calculus is for students whose previous math background is strong. This course offers an excellent background in linear algebra, functions, and a complete foundation for calculus. This particular course will also address some analytical geometry and the use of equations and inequalities as mathematical models.

**OR**

**Honor Pre-Calculus (3651H)**

**Prerequisite:** Trigonometry; 93 or above in Honors Trigonometry Honors Algebra II

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.

**Calculus I (367H)**

Calculus I includes both derivatives and integrals of polynomials, exponential functions, trigonometric functions, and logarithmic functions. Applications of derivatives and integrals are also introduced. A strong foundation in algebra and graphing functions is essential.

**OR**

**Honors Calculus I (3671H)**

**Prerequisite:** Pre-Calculus or Honors Pre-Calculus; 93 or above average in Honors

Pre-Calculus and Honors Trigonometry

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.

**Advanced Placement Calculus (must take both 3701H and 3701BH)**

**Prerequisite:** 93 or above average in Honors Pre-Calculus and Honors Trigonometry

Advanced Placement Calculus is a college level calculus class designed for those students entering mathematics or science related field. The selection of topics is designed to meet the requirements set forth in the syllabus of the Advanced Placement Calculus AP Exam. Major topics include differential and integral calculus along with their applications. *Students are required to take the Advanced Placement Examination. This is a year-long 2 credit course.*

**Honors Calculus II (3681H)**

**Prerequisite:** Calculus I or Honors Calculus I; 93 or above average in Honors Calculus I

Honors Calculus II 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. Calculus II is a course designed for those students who have successfully completed Calculus I. The main objectives of this course are to introduce the topics of differentiation and integration of transcendental functions with a concentration of the trigonometric functions. Graphing and their applications will also be presented. Various integration techniques will be included.

### Honors Calculus III (3691H)

**Prerequisite:** Honors Calculus II or AP Calculus

Calculus III is the third level in the Calculus sequence. Topics of study include conic sections, hyperbolic functions, polar coordinates, and infinite sequences and series. This course is designed for students who have successfully completed Calculus II or AP Calculus.

## 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.

### Twelfth Grade MATH Course Sequence

Algebra II Trigonometry	Pre-Calculus Honors Pre-Calculus	Calculus Honors Calculus	AP Calculus	Honors Calculus II	Honors Calculus III
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## 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 I (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.

### French II (122H)

**Prerequisite:** French I or Honors French I

French II provides a smooth transition from Level I with a review of the vocabulary, grammar, and cultural topics previously learned. The focus is on increasing vocabulary and grammar skills through speaking, reading, writing, and listening. Correct pronunciation and practice exercises are emphasized.

**OR**

### Honors French II (1221H)

**Prerequisite:** 93 or above average in French I or Honors French 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.

### **French III (123H)**

**Prerequisite:** French II or Honors French II

French III continues to build upon skills in conversation, reading, and writing. Students are introduced to the past tense and further expansion of vocabulary. Topics of interest include learning about French homes, understanding French government, and learning interesting facts about well-known French cities.

**OR**

### **Honors French III (1231H)**

**Prerequisite:** 93 or above average in French II or Honors French II

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.

### **French IV (124H)**

**Prerequisite:** French III or Honors French III

French IV continues to build upon skills in conversation, reading, and writing. Students are introduced to the imperfect and future tenses and the conditional mood along with a further expansion of vocabulary. Topics of interest include learning about daily routines, childhood stories, imagining our future selves, and the characteristics of a hero or heroine.

**OR**

### **Honors French IV (1241H)**

**Prerequisite:** 93 or above in French III or Honors French III

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.

### **Honors French V (1251H)**

**Prerequisite:** 93 or above in French IV or Honors French IV

French V continues to build upon the skills in conversation, reading and writing. Students are introduced to the subjunctive mood in various thematic units that will expand their vocabulary. Students are immersed in the language throughout the course and work with authentic resources including texts, articles, film clips, and novels.

### **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.

**OR**

### **Honors German I (1311H)**

**Prerequisite:** 93 or above 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 II (132H)**

**Prerequisite:** German I or Honors German I

German II continues to focus on developing basic communication skills by using vocabulary, grammar, and cultural topics learned in German I. Topics covered in German II expand on the essentials for reading, writing, and speaking the language.

**OR**

### **Honors German II (1321H)**

**Prerequisite:** 93 or above average in German I or Honors German 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.

### **German III (133H)**

**Prerequisite:** German II or Honors German II

German III continues to build and refine communication skills in both the present and past tense by means of longer and more complex conversational patterns and writing assignments. Emphasis is placed on correct pronunciation and grammatically correct phrase and sentence structure.

**OR**

### **Honors German III (1331H)**

**Prerequisite:** 93 or above average in German II or Honors German II

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 IV (134H)**

**Prerequisite:** German III or Honors German III

German IV includes a general review of material and topics presented in introductory courses before moving on to the finer points of grammar and vocabulary. Language competency is demonstrated through detailed projects showcasing the language skills that the students have acquired.

**OR**

### **Honors German IV (1341H)**

**Prerequisite:** 93 or above average in German III or Honors German III

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.

### **Honors Spanish I for Native Speakers (1501H)**

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.

### **Honors Spanish II for Native Speakers (15231H)**

**Prerequisite:** Spanish I for Native Speakers

Spanish II for Native Speakers continues the study of fundamental grammatical concepts, advanced literature topics, and pertinent historical and cultural information, while moving students towards a more formalized level of reading, writing, and speaking Spanish. Students discuss topics in depth, write essays, and analyze literature and poetry in their native language.

**OR**

### **Spanish II (152H)**

**Prerequisite:** Spanish I or Honors Spanish I

Spanish II reviews and reinforces vocabulary and basic grammar skills taught in Spanish I. The student is introduced to the present progressive and preterite tenses of the verb. Students converse and write using more complex grammar and vocabulary, and major cultural concepts are taught through cultural readings.

**OR**

### **Honors Spanish II (1521H)**

**Prerequisite:** 93 or above average in Spanish I or Honors Spanish 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.

### **Spanish III (153H)**

**Prerequisite:** Spanish II or Honors Spanish II

Spanish III is designed to review the basic grammar skills learned in Spanish I and Spanish II. Students are introduced to more complicated grammar structures. Speaking, writing, reading, and listening skills are reinforced through active student participation in class activities.

**OR**

### **Honors Spanish III (1531H)**

**Prerequisite:** 93 or above average in Spanish II or Honors Spanish II

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.

**OR**

### **Honors Spanish III for Native Speakers (1591H)**

**Prerequisite:** Honors Spanish II for Native Speakers

Spanish III for Native Speakers continues the study of fundamental as well as advanced grammatical concepts, advanced literature topics, and pertinent historical and cultural information, while moving students towards a more formalized level of reading, writing, and speaking Spanish. Students discuss topics in depth, write essays, and analyze literature and poetry in their native language. The course is designed as an AP Spanish Language and Culture preparatory course.

### **Spanish IV (154H)**

**Prerequisite:** Spanish III or Honors Spanish III

Spanish IV stresses learning advanced grammar skills to increase conversation and writing abilities. Students are introduced to geography, history, literature, and the fine arts through various readings and films. The focus is on intensifying student understanding of the Spanish culture.

**OR**

### **Honors Spanish IV (1541H) or (1541HL)\*\*\***

**Prerequisite:** 93 or above average in Spanish III or Honors Spanish III

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.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 12<sup>th</sup> grade student.**

### **Advanced Placement Spanish (Language and Culture) (1561H and 1561BH)**

**Prerequisite:** Honors Spanish IV or Qualifying Passing Score on a Placement Examination (and at least three years of Spanish language study)

The AP Spanish Language and Culture course shall be conducted primarily in Spanish utilizing materials from the Spanish-speaking world. The course is designed for those students who have a deep understanding of Spanish grammar and wish to expand not only their grammatical skills to the highest level but to further improve their proficiency in listening, speaking, reading, and writing skills to be ready for the AP Spanish Language & Culture Examination. Students are required to speak Spanish as much as possible in the classroom. Students are also expected to read and write essays in Spanish on a weekly basis. *Students are required to take the Advanced Placement Examination. This is a year-long 2 credit course.*

## **Business**

### **Accounting I (701H)**

Accounting I introduces the basic accounting concepts and procedures used by

sole proprietorships as well as partnerships. Students taking this course will learn how to keep business records for both service and merchandising businesses. Skills learned can be used directly on the job or to provide the necessary foundations for more advanced business courses in college.

### **Accounting II (702H)**

**Prerequisite:** Accounting I

Accounting II is designed to further enhance accounting skills. Emphasis is placed on accounting procedures which include inventory control methods, payroll procedures, and depreciation. The basic design is to increase competencies for those who wish to enter accounting careers directly upon graduation from high school in addition to those who will study other business courses at the college level.

### **Accounting III (703H) \*\***

**Prerequisite:** Accounting II

Accounting III is an advanced course with the objective to heighten and expand the student's existing interest in accounting. Students will learn how to interpret accounting information to make management decisions in today's complex business world. Special emphasis will be placed on manufacturing accounting procedures at the corporate level.

### **Honors Accounting 1/Honors Accounting 2 (7041HL) and (7051HL)\*\*\***

**Prerequisite:**

This course presents the accounting cycle covering both service and merchandising activities of a sole proprietorship. It also, analyzes a business transaction from a journal entry through the preparation of the financial statements (income statement, statement of owner equity, and the balance sheet) to closing journal entries. The course includes but is not limited to, perpetual inventory, accounts and notes receivable, and accounting for plant and intangible assets.

**\*\*\*This course is ONLY offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student. This class is NOT offered as a high school course. This is a year-long course broken into two separate classes. Accounting 1 occurs in the Fall semester and Accounting 2 occurs in the Spring semester. The two classes together make up Accounting 111.**

### **Business Principles and Management (781H)**

The Business Principles and Management course focuses on establishing a foundation of established business principles and practices that form the groundwork for all business operations. Business fundamentals such as organizational structures, human resource planning, financing and financial

operations, global competition, and business ethics will be stressed. The use of today's technology which includes the modification of physical plant structures to be more energy/cost efficient will also be discussed.

### **Business Law (782H)**

Business Law is designed to create an awareness of the laws that pertain to business, personal life, and various professions and trades. This course explores the foundations of our laws and legal systems, constitutional rights, amendments, and forms of dispute resolution. Emphasis is on individual rights, contracts, real estate conveyance, insurance, liability (personal and business), wills and trusts, commercial papers, etc.

### **Web Page Design (780H)**

**Prerequisite:** Algebra I

This hands-on course includes principles of design, HTML (Hyper Text Markup Language) coding used to create web pages, graphics, animation, and web site maintenance. The Internet is used as a research tool and effective searching skills are taught and applied. Topics include fundamental tags, tables, forms, Javascript, and style sheets.

## **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.

### **Visual Arts II (602H) Grades 10, 11, 12**

**Prerequisite:** Visual Arts I

Visual Arts II provides concentrated work in selected areas of two-dimensional and three-dimensional design. Drawing, painting, sculpture, and printmaking are included. Students will be expected to work independently and demonstrate growth and understanding in the handling of various materials, techniques, concepts and ideas.

### **Visual Arts III (603H) Grades 11, 12**

**Prerequisite:** Visual Arts II

Visual Arts III continues work in selected areas of two-dimensional and three-dimensional design. There is concentrated emphasis on drawing, painting, sculpture, print-making, and art history. Emphasis is on the personal growth and style of the student.

### **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.

### **Crafts II (608H)**

**Prerequisite:** Crafts I

This course will concentrate work in the areas of ceramics and metalsmithing. Hand building and throwing on the pottery wheel and more advanced metalsmithing techniques will be included. Students will be expected to work independently and to demonstrate growth in each medium.

### **Crafts III (609H)**

**Prerequisite:** Crafts II

Work will be concentrated in the areas of clay and metalsmithing. Students will be expected to work independently to foster growth and development of a personal style. Advanced areas will include metal casting, enameling and glass fusing.

### **Painting (612H)**

**Prerequisite:** Visual Art I

Painting is designed as an overall introduction to the basic techniques used in watercolors, acrylic, and oil paints. Students will learn a variety of ways to apply paint to capture different textures and styles and be expected to demonstrate these in their own works. Students will study different artists and their painting styles.

### **Honors Drawing 1 (6131HL)\*\*\***

**Prerequisite:** 93 or higher in Visual Arts 2 or Visual Studio Arts 2 or teacher approval

Honors Drawing 1 is an advanced art course designed to provide students with realistic drawing skills through a strong focus on observational drawing. Concepts covered include gesture drawing, contour line drawing, proportion, value, form, and linear perspective. Students will work in a variety of drawing mediums including pencil, charcoal, and ink. This project-based course allows student to demonstrate their skills through a variety of projects, focusing on both technique and composition.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student.**

### **Senior Art Portfolio (606H) Grade 12**

**Prerequisite:** Successful completion of Visual Arts II or Visual Arts III

Senior Art Portfolio is designed for the serious art student and those students preparing for a career in some area of the visual arts. Emphasis is on preparation of a portfolio of work reflecting in-depth studio experience using a wide variety of materials.

## **Band (661H)**

**Prerequisite:** Basic to Intermediate instrumental skills

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: marching band, pep band, jazz ensemble, symphonic band, woodwind choir, brass choir, percussion ensemble, and other small ensembles.

## **Cougar Concert Choir (665H)**

**Prerequisite:** Teacher approval

Cougar Concert Choir is designed for all students of the high school who are interested in performing choral music. All members of the Concert Choir will study correct vocal production and strive to improve their musicianship. The Concert Choir performs many styles of choral music at various school and public performances. Participation in this ensemble will allow eligibility for District, Regional, and All-State choral competitions and festivals.

## **Music Appreciation (666H)**

For the student who has a desire to study classical music. Music Appreciation is designed to develop students' knowledge of music as it has progressed to the present day through the enhancement of listening skills. Students should gain enough musical background to become adequate consumers and advocates of music. Time periods covered are: Primitive, Middle Ages, Renaissance, Baroque, Classical, Romantic, 20th Century, Jazz, and Rock & Roll.

# **English**

## **Journalism I (111H)**

**Prerequisite:** English I

Journalism I is a one semester course designed for students interested in newspaper journalism and developing their skills as a writer. The course explores contemporary media and the ethical responsibility inherent in the press today. Students will learn the fundamentals of news, features, editorial and sports and entertainment writing. This course aims to help students master the basic elements of writing news and feature stories that are clear, accurate and fair. Copy reading, news style and editing will be stressed. Students will create numerous original stories using varied structures and writing techniques.

## **Honors Journalism II (1121H)**

**Prerequisite:** Journalism I

Honors Journalism II is a continuation, and the next logical progression, of the basics taught in Journalism I. Students will conduct interviews, write in a variety of journalistic forms, discuss editorial positions, work with photography, and, most importantly, help produce and edit the newspaper using desktop publishing. Business management skills, essential to the self-sufficiency of a newspaper, will be emphasized. The course explores the worlds of contemporary media and social

media. The ethical responsibility issues inherent in the press today will provide a strong basis for this course. Students will gain practical experience through reporting on campus and community events, with frequent writing and rewriting assignments.

### **Publications (113H)**

Publications deals with the production of the HAHS yearbook. Students are expected to generate ideas, plan for fund-raising, and submit photographs and articles for publication. A proficiency in creative writing is helpful.

**This is a year-long course.**

### **Creative Writing I (114H)\*\***

**Prerequisite:** English I or Honors English I

Creative Writing I offers instruction in the various forms of imaginative writing. Students will study selected samples of prose, drama, and poetry as inspiration for their original compositions. Emphasis is placed on self-expression while developing proficiency in narrative, descriptive, persuasive, and expository writing. Projects include the following genres: horror, science fiction, and satire. In addition, basic forms of poetry, methods of print advertising, and scriptwriting will be studied. A class literary arts magazine will be produced.

### **Effective Speech (100H)**

**Prerequisite:** English III or Honors English III

Effective Speech is taught in conjunction with the Pennsylvania State University and is co-taught with a university professor. This class will provide students with the confidence, expertise, and skills to speak in public and group settings about important topics in our society. Upon successful completion of the class, students will receive three (3) college credits. See guidance counselor for additional information.

## **Science**

### **Advanced Placement Biology (3081H and 3081BH)**

**Prerequisite:** 93 or above average in Biology 1B or Honors Biology 1B

Advanced Placement Biology is a college level course that focuses on molecular biology, genetics, evolution, anatomy and physiology, animal behavior, and ecology. This course will place special emphasis on preparing the student for successful completion of the Advanced Placement Biology Examination.

*Students are required to take the Advanced Placement Examination.* **This is a year-long course.**

### **Advanced Placement Chemistry (3131H and 3131BH)**

**Prerequisite:** 93 or above in Honors Chemistry 1B, and 93 or above average in Honors Pre-Calculus and/or Calculus

This year-long 2 credit course is designed for those students who plan on entering a medical or engineering field of study. The course is an intensely paced introduction to a two-semester college chemistry course. *Students are required to take the Advanced Placement Chemistry examination.*

### **Honors Anatomy and Physiology (3071HL)**

**Prerequisite:** Biology 1B

Anatomy and Physiology is an elective course designed to prepare students entering the allied health field, especially nursing, pre-med, dentistry physician's assistant, and physical therapy. The course focuses on a projects-based design, lecture and discussion with practical lab experiences to teach the relationship between structure (anatomy) and function (physiology) of the human body.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student.**

### **Botany (332H)**

**Prerequisite:** Biology 1B

Botany is the scientific study of plants and their relationship to the environment. In this course students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants. Laboratory and fieldwork experiences complement classroom activities.

### **Environmental Biology (306H)**

**Prerequisite:** Biology 1B

Environmental Biology is an introduction to how the world we live in works, how we use and abuse nature, and what we can do to protect our environment for ourselves and future generations. The topics include ecology, populations, natural resources, pollution, society, and the environment.

**OR**

### **Honors Environmental Biology (3061H)**

**Prerequisite:** 93 or above in Biology 1B and Chemistry 1B

Honors Environmental Biology is an advanced science in which students will investigate major ecological concepts and analyze environmental problems, both natural and human-made, to assess the relative risks related to these problems and to study alternative solutions for resolving and/or preventing them. Laboratory work, research, and field studies will be included to educate students toward a sustainable future and to prepare for future studies in environmental science, biology, and related disciplines.

### **Honors Organic Chemistry (3142H)**

**Prerequisites:** 93 or higher in Honors Chemistry 1B

Honors Organic Chemistry is intended for students interested in pursuing careers in the fields of science, medicine, and/or engineering. This course serves as an introduction for the study of the chemistry of carbon compounds by applying principles rooted in general chemistry. Topics of study include: bonding in organic molecules, organic nomenclature, functional groups, organic synthesis, laboratory applications, and bio-organic chemistry.

### **Microbiology/Genetics (330H)**

**Prerequisite:** Biology 1B

Microbiology/Genetics is an accelerated class that begins with a review of basic biological concepts in microbiology and genetics. The course includes an in-

depth study of microbiology and genetics. Students who are considering careers in biology, science technology, health service or related fields should find this course a valuable asset to their continuing education.

### **College Biology (3221HL)\*\*\***

**Prerequisite:** Biology 1B

This course introduces the principles and concepts of biology. Emphasis is placed on basic biological chemistry, cell structure and function, metabolism and energy transformation, genetics, and other related topics. Upon completion, students should be able to demonstrate understanding of life at the molecular and cellular levels. Laboratory work includes use of the compound light microscope, study of cells and cellular transport, chemical energy processes, enzymatic function, and genetics.

**\*\*\*This course is ONLY offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student. This class is NOT offered as a high school course.**

### **Physics I (312H)**

**Prerequisite:** Concurrent Trigonometry or Completed Trigonometry

Physics I is a college-preparatory science course using lecture, problem solving, writing, and project work to investigate the following classical Newtonian physics topics: speed and acceleration, momentum, forces and vectors, work and energy, projectile and rotational motion, and simple machines.

**OR**

### **Honors Physics I (3261H)**

**Prerequisite:** 93 or above in Honors Plane Geometry, Honors Trigonometry and Honors Pre-Calculus or Honors Calculus

**This course is a Calculus based laboratory physics class designed for those students entering Science or Medical field of Study.** The course content includes, Vector mathematics in 2D and Newtonian Mechanics, Projectile motion and kinematics, Energy systems and transfers along with Circular and Rotary motion including Torques and linear and rotary momentum. **This course is open to students in either the Junior or Senior year of study.**

### **Honors Physics II (3271H)**

**Prerequisite:** 93 or above in Honors Physics I or H. Pre-Calculus or H. Calculus

**This course is a Calculus based laboratory physics class designed for those students entering a Science or Medical field of Study.** The course content includes Simple Harmonic Motion, Wave Theory, Electricity and Magnetism, D.C. Theory, R.C. Circuits, Capacitance and Inductance, Light Theory and Optics. This course is open to students in either the Junior or Senior year of study. **Those students who have a 93 or higher in both Honors Physics 1 & 2 are encouraged to take the A.P. Physics C examination in May.**

## Social Studies

### Street Law (220H)

Street Law offers students an opportunity to gain a practical view of basic issues which confront individuals in everyday life. Street Law is designed to provide insights into specific areas of law such as civil, criminal, family, housing, and constitutional issues. This course is offered to juniors and seniors.

### Honors Sociology (2221HL)\*\*\*

Sociology is a course designed for students to focus on the use of sociological perspective to examine culture, social structure, social institutions, social inequality, and the individual in society. Work will be conducted through research projects, oral discussions, real life applications and group dynamics. This elective is open to juniors and seniors.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student.**

### Psychology I (223H)\*\*

Psychology introduces the student to the fascinating study of human thinking and behavior. Students will explore the roles that emotion, stress, heredity, environment, and motivation play in human development. Current topics in psychology will also be analyzed, discussed and critiqued. This elective is open to juniors and seniors.

**\*\*\*This course is offered through Luzerne County Community College as a dual enrollment class for any qualifying 11<sup>th</sup> or 12<sup>th</sup> grade student.**

### World Cultures (227H)\*\*

A political, socio-cultural perspective of the world will be analyzed through the ideologies of each prominent cultural region of the world (i.e. Middle Eastern, Asian, Latino, African, etc.). The course will provide a greater understanding of the significant similarities of the world's population as well as explore diversity and citizenship in the context of a global society.

### Advanced Placement Psychology (2281H and 2281BH)

**Prerequisite:** 93 or above in Honors U.S. History I or U.S. History I; 93 or above in Honors Biology 1B or Biology 1B

The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. This class will prepare students for college level psychology courses through rigorous class requirements such as essays, research papers, scientific analysis, and experiments. *Students are required to take the Advanced Placement Examination. This is a year-long 2 credit course.*

## **Advanced Placement United States History (2051H and 2051BH)**

**Prerequisite:** 93 or above average in American Studies I/Civics or Honors American Studies I/Civics

Advanced Placement United States History is an intense college level examination of our country's history. In-depth analysis, essays, and discussions of topics in American History help investigate the periods which have brought us to modern day America. *Students must take the Advanced Placement United States History Examination. This is year-long 2 credit course.*

## **Health Careers**

### **Health Careers III (824C and 824BC)**

Health Careers III provides two days of classroom instruction at the Career Center and three days at the Hazleton General Hospital where there are assigned observational clinical experiences in twenty different departments. The students also have a weekly presentation by hospital personnel on various healthcare careers and issues.

## **Physical Education**

### **Physical Education 11/12 (402H)**

This course emphasizes physical fitness and the importance of developing/maintaining lifetime physical fitness habits. Portions of the course stress development of teamwork, trust, cooperation, leadership and problem solving skills. Pre and Post tests are utilized to chart student progress (Presidential Challenge). Lifetime sports, aquatics, team and individual sports are utilized throughout the course. Written assignments, evaluations, student journals are infused in each unit.

### **Lifeguard Training (419H)**

**Prerequisite:** Grade 9 Physical Education, the ability to swim 300 yards continuously (using the front crawl and the breaststroke), tread water for 2 minutes using only the legs, and complete a timed event within 1 minute and 40 seconds. This course is designed to train lifeguards. The American Red Cross lifeguard training course will be used and certification in lifeguarding and the professional rescuer can be achieved. Students who want Red Cross Certification will have to pay a fee of thirty five dollars for new certifications and twenty seven dollars for renewals. This course can be substituted for Physical Education Grades 10-11-12.

\*\* Courses so indicated (Accounting III, Creative Writing I, Honors Probability and Statistics, Psychology I, Sociology, and World Cultures) may be taken for college credit through the Passport Program.

(See your Guidance Counselor for details.)

\*\*\*Courses so indicted (Psychology, Sociology, Honors American Studies III, Honors US Government, Anatomy and Physiology, Honors English IV, Honors Spanish IV, Honors Drawing, College Biology, and Honors Accounting I and II) may be taken for college credit at Luzerne County Community College (LCCC).

(See your Guidance Counselor for details.)