

HAZLETON AREA HIGH SCHOOL

SCHOOL YEAR 2016-2017



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NONDISCRIMINATION POLICY

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

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

PREFACE

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

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

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

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

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

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

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

<http://www.hasdk12.org>

<http://www.pdesas.org>

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

GUIDANCE NOTES

HAZLETON AREA VIRTUAL ACADEMY:

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

PHYSICAL EDUCATION EXEMPTION:

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

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

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

SPECIAL EDUCATION:

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

KEYSTONE FOCUSED COURSES:

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

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HAHS- COLLEGE PREP GUIDANCE

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

Mr. John Samoyedny (81517)

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

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

GRADE 10

SCHOOL YEAR 2016-2017

OVERVIEW OF COURSE REQUIREMENTS

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

REQUIRED COURSES:

ENGLISH

English 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.

AP English Literature and Composition (1091AH and 1091BH)

AP English Literature and Composition is designed to be a college level course, rich in higher level thinking. The course will both challenge and enrich the high school literature student. Students will learn to develop critical thinking skills for independent appreciation of any literary work. Using works that range from the sixteenth century through the twenty-first century as well as several genres and modes, the reading, writing, listening, and speaking experiences will broaden human understandings about the world around us today. Students will be immersed into a rigorous English literature experience with intellectual challenges and a considerable workload that culminates with the AP English and Literature Exam. **This is a year-long 2 credit course.**

ESL Curriculum is as follows:

ESL English I (949H)

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

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

ESL English II (950H)

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

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

ESL English III (951H)

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

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

ESL English IV (95H2)

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

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

SOCIAL STUDIES

American Studies 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 Honors US History I

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 1 A or Honors Biology 1 A

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

This course is required and must be taken after Biology 1A or Honors Biology 1A.

OR

Honors Biology 1 B (3041H)

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

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

MATH

Algebra I (361H)

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

OR

Honors Algebra I (3611H)

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

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

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 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 1 (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 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 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 1	Plane Geometry	Algebra II	Trigonometry	PreCalculus
Honors Algebra 1	Honors Plane Geometry	Honors Algebra II	Honors Trigonometry	Honors PreCalculus

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 smithing, 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.

Beginning Painting (612H)

Prerequisite: Visual Art I

Beginning 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.

Concert Band (660H)

Prerequisite: Basic instrumental skills

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

Marching Band (661H)

Prerequisite: Intermediate instrumental skills

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

Freshman/Sophomore Concert Choir (664H)

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

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.

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

Athletic Health Care I (420H)

Athletic Health Care I is designed for students interested in a career as a health care professional. This course will be specific to the care, prevention, treatment and rehabilitation of athletic injuries. The course content will include basic human anatomy, conditions commonly associated with athletic injuries, initial evaluation and treatment of the injured athlete, immobilization and taping techniques, principles of rehabilitation, the application of modalities, nutrition, and strength training. Students will have “hands-on” learning experiences.

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.

Athletic Health Care II (421H)

Prerequisite: Athletic Health Care I

Athletic Health Care II is designed for those students who are interested in a career as a health care professional. This course will be an extension of Athletic Health Care I and will include advanced techniques in the care, prevention, treatment, and rehabilitation of athletic injuries. The course content will include advanced and specific methods of the evaluation and rehabilitation of specific athletic injuries, along with specific taping techniques for various athletic injuries.

GRADE 11

SCHOOL YEAR 2016-2017

OVERVIEW OF COURSE REQUIREMENTS

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

REQUIRED COURSES:

ENGLISH

English 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.

ESL Curriculum is as follows:

ESL English I (949H)

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

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

ESL English II (950H)

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

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

ESL English III (951H)

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

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

ESL English IV (952H)

ESL IV is a continuation of ESL III. This program is designed for the student whose native language is not English. This course is appropriate for students in advanced stages of English acquisition. **Note: To schedule this course, arrangements must be made through your guidance counselor and ESL instructor.**

SOCIAL STUDIES

United States History II (203H)

United States History II is a continuation of United States History I. It covers from the Roaring Twenties 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 United States History II (2031H)

Prerequisite: 93 or above average in United States 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

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. All students must complete Chemistry 1B in order to complete a full chemistry course.

OR

Honors Chemistry 1 A (3101H)

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

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 I, Biology 1A & Biology 1B or Honors Biology 1A and Honors Biology 1B

Chemistry 1B, the continuation of Chemistry A, 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 I
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.

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.

Probability and Statistics (364H)

Probability and Statistics is intended for college-bound students who anticipate needing this material for their future courses of study. Students with an interest in business or the social sciences (psychology, sociology, etc.) should strongly consider taking this elective course. Probability and both descriptive and inferential statistics will be discussed at length. ***This course cannot be taken until Algebra II credit is achieved.***

OR

Honors Probability and Statistics (3641H)

Prerequisite: Algebra I, Plane Geometry, and 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.

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

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 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 two years of one language**

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.

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.

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.

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.

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.

Advanced Placement Spanish (Lang. 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. **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	Algebra II	Trigonometry	Pre-Calculus	
Honors Plane Geometry	Honors Algebra II	Honors Trigonometry	Honors Pre-Calculus	AP 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 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.

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 smithing, 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.

Beginning Painting (612H)

Prerequisite: Visual Art I

Beginning 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.

Concert Band (660H)

Prerequisite: Basic instrumental skills

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

Marching Band (661H)

Prerequisite: Intermediate instrumental skills

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

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

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.

Critical Reading and Argumentation (116H)

This course seeks to prepare students for college and beyond with the power of expression. It offers students the opportunity to develop their speaking and writing skills and to appreciate the place of argument and advocacy in shaping their worlds. Students will learn the components of effective persuasive writing and sound argumentation. Students will have the opportunity to hone their own skills in these areas through various writing assignments, reading assignments, oral presentations, and role-playing projects.

Science

Microbiology/Genetics (330)

Prerequisite: Biology 1A and 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.

Anatomy and Physiology (307H)

Prerequisite: Biology 1A and Biology 1B

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.

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)**

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.

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.

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

World Language

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)

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.

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 (401H)

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.

Athletic Health Care I (420H)

Athletic Health Care I is designed for students interested in a career as a health care professional. This course will be specific to the care, prevention, treatment and rehabilitation of athletic injuries. The course content will include basic human anatomy, conditions commonly associated with athletic injuries, initial evaluation and treatment of the injured athlete, immobilization and taping techniques, principles of rehabilitation, the application of modalities, nutrition, and strength training. Students will have “hands-on” learning experiences.

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.

Athletic Health Care II (421H)

Prerequisite: Athletic Health Care I

Athletic Health Care II is designed for those students who are interested in a career as a health care professional. This course will be an extension of Athletic Health Care I and will include advanced techniques in the care, prevention, treatment, and rehabilitation of athletic injuries. The course content will include advanced and specific methods of the evaluation and rehabilitation of specific athletic injuries, along with specific taping techniques for various athletic injuries.

College Board SAT Preparation Course (119H)

This 1-semester course is for 11th 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.

GRADE 12

SCHOOL YEAR 2016-2017

OVERVIEW OF COURSE REQUIREMENTS

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

REQUIRED COURSES:

ENGLISH

English 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.

Honors English IV (1041H)

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.

Advanced Placement English (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.

ESL Curriculum is as follows:

ESL English I (949H)

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

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

ESL English (950H)

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

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

ESL English III (951H)

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

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

ESL English IV (952H)

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

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

SOCIAL STUDIES

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 United States History 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.

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)

Prerequisite: 93 or above average in United States History II

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

MATH

Probability and Statistics (364H)

Probability and Statistics is intended for college-bound students who anticipate needing this material for their future courses of study. Students with an interest in business or the social sciences (psychology, sociology, etc.) should strongly consider taking this elective course. Probability and both descriptive and inferential statistics will be discussed at length. **This course cannot be taken until Algebra II credit is achieved.**

OR

Honors Probability and Statistics (3641H)

Prerequisite: Algebra I, Plane Geometry, and 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 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

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.**

Trigonometry (366H)

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 yearlong 2 credit course.

Calculus II (368H)

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.

OR

Honors Calculus II (3681H)

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

Calculus III (3691H)

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	Calculus II	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 (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.

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.

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 German V (1351H)

Prerequisite: 93 or above average in German IV or Honors German IV

Honors German V is designed to increase and refine students' communication, literary, and cultural skills. Students are expected to use the target language to discuss current events in the German-speaking countries, to read and discuss selected stories in German, and to research and write in German about specific aspects of the German culture.

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.

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.

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)

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.

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.

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 for the most able students. The objective is to heighten and to 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. This course is designed for both the career prep and college prep student.

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 smithing, 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.

Beginning Painting (612H)

Prerequisite: Visual Art I

Beginning 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.

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.

Concert Band (660H)

Prerequisite: Basic instrumental skills

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

Marching Band (661H)

Prerequisite: Intermediate instrumental skills

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

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

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.

Critical Reading and Argumentation (116H)

This course seeks to prepare students for college and beyond with the power of expression. It offers students the opportunity to develop their speaking and writing skills and to appreciate the place of argument and advocacy in shaping their worlds. Students will learn the components of effective persuasive writing and sound argumentation. Students will have the opportunity to hone their own skills in these areas through various writing assignments, reading assignments, oral presentations, and role-playing projects.

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.**

Science

Microbiology/Genetics (330H)

Prerequisite: Biology 1A and 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.

Anatomy and Physiology (307H)

Prerequisite: Biology 1A and Biology 1B

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.

Advanced Placement Biology (3081H and 3081BH)

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

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. Juniors or seniors may take this course.

Advanced Placement Chemistry (3131H and 3131BS)

Prerequisite: 93 or above in Honors Chemistry A and B, 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.

Environmental Biology (306H)

Prerequisite: Biology 1A and 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.

Honors Environmental Biology (3061H)

Prerequisite: 93 or above in Biology IB and Chemistry IB

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 Chemistry III (3141H)

Prerequisite: 93 or above in Honors Chemistry II, and 93 or above average in Honors Pre-Calculus and/or Calculus

A continuation of Honors Chemistry II concepts.

Honors Organic Chemistry (3142H)

Prerequisites: 93 (A) or higher in Honors Chemistry IA/Honors Chemistry IB (or Chemistry IA/Chemistry IB) 93 (A) or higher in Algebra I/II

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.

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.

Honors Physics IA (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 IB (3271H)

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

Pre-Engineering I (916H)

This course is designed to prepare students thinking of pursuing an Engineering degree in college. Electrical and mechanical theory, advanced problem solving, calculator use, career exploration, pneumatic and hydraulic systems, electrical, PLC, and computer control systems, robotics, automated manufacturing, static mechanical systems design and materials testing are explored.

Pre-Engineering II (917H)

Prerequisite: Pre-Engineering I

As a continuation of Level I, Engineering topics are explored in greater detail. Higher order problem solving, advanced control systems, computer control programming, electronic circuit and mechanical static truss design are emphasized.

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)**

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.

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.

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 93 or above in U.S. History I; 93 or above in Honors Biology 1B or 93 or above in 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. **This is a 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 12 (403H)

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.

Athletic Health Care I (420H)

Athletic Health Care I is designed for students interested in a career as a health care professional. This course will be specific to the care, prevention, treatment and rehabilitation of athletic injuries. The course content will include basic human anatomy, conditions commonly associated with athletic injuries, initial evaluation and treatment of the injured athlete, immobilization and taping techniques, principles of rehabilitation, the application of modalities, nutrition, and strength training. Students will have “hands-on” learning experiences.

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.

Athletic Health Care II (421H)

Prerequisite: Athletic Health Care I

Athletic Health Care II is designed for those students who are interested in a career as a health care professional. This course will be an extension of Athletic Health Care I and will include advanced techniques in the care, prevention, treatment, and rehabilitation of athletic injuries. The course content will include advanced and specific methods of the evaluation and rehabilitation of specific athletic injuries, along with specific taping techniques for various athletic injuries.

** Courses so indicated (Sociology, Psychology, World Cultures and Creative Writing) may be taken for college credit through the Passport Program. See your Guidance Counselor for details.

* Students may take **Effective Speech (CAS 100A)** for 3 college credits starting in the Fall of 2015. **(There is a June 1st deadline and the student must be enrolled in PSU).** See your Guidance Counselor for details.