

Midland Park High School Program of Studies



**250 Prospect Street
Midland Park, NJ
07432
201-444-7400**

www.mpsnj.org

TABLE OF CONTENTS

Academic Planning Sheet.....	3
English.....	4
Social Studies.....	7
Mathematics.....	10
Science.....	12
World Languages.....	14
Physical Education and Health.....	16
Fine Arts.....	17
Music.....	18
Technology.....	19
Special Education.....	19
Special Programs.....	20

ACADEMIC PLANNING SHEET

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English	English	English	English
P.E./Health	P.E./Health	P.E./Health	P.E./Health
Mathematics	Mathematics	Mathematics	<i>Elective:</i>
Biology	Chemistry	Physics	<i>Elective:</i>
History	History	History	<i>Elective:</i>
World Lang.	<i>Elective:</i>	<i>Elective:</i>	<i>Elective:</i>
<i>Elective:</i>	<i>Elective:</i>	<i>Elective:</i>	<i>Elective:</i>

Note: Students must carry 34 credits each year

ENGLISH

English I & English I Honors

Grade 9

5 Credits

Course Description:

The study of ninth grade English I will follow the students' accomplishments in grade 8. The literature available to the teacher is designed to be a varied and appropriate challenge to the student, from the standpoint of readability as well as interest. Ninth grade literature includes a study of Holocaust literature, Shakespeare, and *To Kill a Mockingbird*. The students will write multi-paragraph essays and a research paper. They will become more proficient in spelling, uses of grammar, use of new vocabulary, and sentence structure.

Course Sequence: Fiction - Novel Study
Fiction – Drama
Poetry – Literature
Fiction – Short Story
Nonfiction & Informational text in the English Classroom
Writing Style & Mechanics – Writer’s Craft
Writing Style & Mechanics – Grammar & Writing
Research – Writing an MLA documented paper
Vocabulary – Acquisition & Use
Listening & Speaking

English II & English II Honors

Grade 10

5 Credits

Course Description:

The study of English on the tenth grade level will be based on the foundation learned in grade 9. The literature available will afford the student numerous opportunities for introspection and self-development. The study of English on the tenth grade level will reflect the evolution of early American literature. The literature available will correspond to the particular period taught in tenth grade history: The Colonial Period, The Revolutionary Period, American Romanticism, The Rise of Realism and The Civil War. The students will write compositions of varying types and lengths on a weekly basis. In addition, students will be expected to submit an original research paper, accomplished under the guidance of the teacher. Students will be expected to increase their useful vocabulary through regular study; they will also be expected to master most of the problems in writing that they confronted in the past.

Course Sequence: Early American Literature - An Emerging Nation
Conformity & Rebellion – Individual’s Relationship to their Community
American Romanticism - The Romantic Sensibility: Celebrating the Individual
Romanticism to Realism: An Age of Transition
Renaissance Literature & Dramatic Conventions – William Shakespeare’s *Romeo & Juliet*
Research Paper – Approaching Literature through a Biographical, Social or Historical Lens
Vocabulary – Sadlier Oxford Vocabulary
Grammar – Mini Lessons
Introduction to Poetry – Sound & Sense
Argument & Persuasion
Vocabulary

English III & English III Honors

Grade 11

5 Credits

Course Description:

The study of English on the eleventh grade level will follow the students' accomplishments in grade 10. The literature is organized chronologically around the major movements in American literature and incorporates U.S. history and culture, stressing the connection between history and literature and addressing the year-long concept of Establishing Identity. The students will write compositions which are complex in structure and develop thesis statements in a multi-paragraph format. They will continue to perfect the art of writing and eliminate errors in mechanics and punctuation in a wide range of writing assignments. They will strive to develop a personal style.

Course Sequence: Choices & Decisions – *Hamlet*
The American Dream: Myth or Mystique? – *The Great Gatsby*
The American Dream Redefined – The Harlem Renaissance
Writing – Writing & HSPA Prep
Alienation, Isolation & Loss of Innocence – *The Catcher in the Rye*
Research – Research Paper
War – What is it Good For? – *The Things they Carried*
Vocabulary

English Language & Composition: AP**Grade 11****5 Credits****Course Description:**

Students will be enabled to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. This course will help students move beyond such programmatic responses as the five-paragraph essay that provides an introduction with a thesis and three reasons, body paragraphs on each reason, and a conclusion that reinstates the thesis.

Course Sequence: Rhetoric, Rhetorical Devices, and the Structure of Argument
 Narration, Description and Example
 The American Dream
 Arguments of Definition
 Comparison and Contrast Essays, Humor & Logical Fallacies
 Choices & Decisions - Hamlet
 Research Paper
 Classification and Division Essays
 We're All a Little Cuckoo!
 Argument and Persuasion
 Vocabulary

English IV**Grade 12****5 Credits****Course Description:**

The study of English on the twelfth grade level will follow the students' accomplishments in grade 11. The literature available to the teacher is designed to be an appropriate challenge to the student from the standpoint of readability as well as interest. The literature covered will be selected from world literature but with a concentration on British/Irish writers and focus on the important literary elements of each period. The students will write paragraphs and multi-paragraph compositions on a regular basis. These compositions will emphasize critical analysis and the use of support as skills for the students to master. The students will continue in the elimination of errors in spelling, grammar, sentence structure and meaning and continue to improve the important art of careful proofreading and revision. Students will also increase their vocabulary on a weekly basis.

Course Sequence: Personal Narrative - Creating Truth through Personal Narrative – Reading & Writing
 The Hero - The Hero as a Product of his Culture
 MacBeth/Manipulation – Manipulation of Power – Leadership & Lies
 Is the Future so Bright? – Brave New World of Frankenstein
 Archetypes – Archetypes in Literature & Film
 Vocabulary
 Research – Research Paper

English Literature & Composition: AP**Grade 12****5 Credits****Course Description:**

The Advanced Placement course in English IV is designed for selected academically able 12th grade students who are capable of pursuing college level work in English during their final year in high school. This is an intense and rigorously demanding course of study which requires students to take the AP exam in May. The curriculum is designed to provide a solid foundation in world literature and composition, and performances and evaluations in the course are separate and apart from the AP score. AP English has 3 major goals: (1) to increase students awareness of and exposure to the broad scope of great literature, (2) to guide the students in methods of literary analysis so that they may better explore and appreciate the wealth of knowledge contained therein, and (3) to improve students thinking, writing skills and techniques so they may communicate their ideas more effectively.

Course Sequence:**Creative Writing****Grades 11, 12****2.5 Credits****Course Description:**

Students will be taught procedures and techniques in the various genres and sub-genres of creative writing. They will gain practice in writing poems, one act plays, short stories, and creative essays. They will be taught techniques of revision.

Course Sequence: Examine and Develop Various Forms of Writing
 Poetry
 Personal Journals
 Short Story
 Essays
 Journalism

Dramatics**Grades 9, 10, 11, 12****2.5 Credits****Course Description:**

Dramatics empowers students to become the actor, writer, director, and producer as they collaborate on various projects throughout the semester. This course covers topics such as acting methodologies, dramatic structures, writing techniques, character creation, and improvisation. Students are asked to perform famous pieces, both short- and long-form, as well as their own original works. Collaboration is required, as student groups take on large-scale productions, each with their own behind-the-scenes and on-stage roles to play.

Course Sequence:

Film and Literature

Grades 9, 10, 11, 12 2.5 Credits

Course Description:

Students will learn how to read a film in much the same way they have learned to read literature. They will examine how meanings are conveyed through the use of various film techniques. A correlation between specific pieces of literature and the films made from those pieces of literature will be explored. Students will examine how a director uses various techniques to communicate an author's worded images.

Course Sequence: Modern Times
The Great Dictator
Chaplin
Frankenstein
The Bride of Frankenstein
Last of the Mohicans
Casablanca
Rebel without a Cause
Butch Cassidy & the Sundance Kid
Annie Hall
The Godfather
One Flew over the Cuckoo's Nest
Midnight in Paris
The Hollywood Style

Journalism

Grades 9, 10, 11, 12 2.5 Credits

Course Description:

In this course, students are expected to acquire knowledge of journalism: the writing of news, editing news and writing headlines, preparing copy for print, journalism law and ethics, broadcast vs. print news, and examining the mass media and its influence. In addition, students are expected to learn about the reporter, the specialists, and also times and trends. Finally, the course will incorporate working on the school newspaper and studying local papers.

Course Sequence:

Shakespeare in Performance (when offered)

Grades 9, 10, 11, 12 2.5 Credits

Course Description:

The study of Shakespeare in Performance will enable the student to comprehend three Shakespearean plays thoroughly, analyze particular scenes within each play for theme and plot, and, after viewing several different performances of each play, evaluate the similarities and differences among the performances. Emphasis will be placed on the individualized elements of the directorial choices that can cause disparity between otherwise similar productions. The continued relevance of these 400-year-old plays to modern audiences is heavily emphasized. The students will be exposed to various recorded performances of Shakespearean plays and films and will also, if time and financial constraints permit, attend a production of a Shakespearean play currently being performed in the area.

Course Sequence:

Broadcasting I

Grades 9, 10, 11, 12 2.5 Credits

Course Description:

A yearlong course meeting within the normal hours of school in which many aspects of communication through broadcasting will be learned and utilized. The course is composed of three components: Component I: *Live Broadcast Instruction and Creation* - This portion of the course is where an informational television program gets created and produced. A daily program will be aired on MPTV. Students in this course must participate in both on and off camera positions. Component II: *Taped Broadcast Instruction and Creation* - Students will make him or herself available to film outside of class and create pre-taped broadcasts. Component III: *Topical Broadcast Issues and Analysis* - We live in an ever-changing Broadcast environment. Companies are ever changing, and programming is now, more than ever, dependent upon advertising.

Course Sequence: Media Literacy
Camera Techniques
Video & Audio Editing
Lighting Techniques
Storyboarding & Scriptwriting
Interviewing Techniques
The Business of Broadcasting
Video Projects Workshop

Broadcasting II

Grades 11, 12

6 Credits

Course Description:

A yearlong course meeting during Period Zero in which many aspects of communication through broadcasting will be learned and utilized. The course is composed of three components: Component I: *Live Broadcast Instruction and Creation* - This portion of the course is where the early morning television program gets created and produced. A daily thirty-minute news and information program will be aired live on MPTV. In order to ensure that all participants of this course learn all aspects of producing a show, class members will rotate on all positions on a weekly basis. Students in this course must participate in both on and off camera positions. Component II: *Taped Broadcast Instruction and Creation* - Students will make him or herself available to film outside of class and create pre-taped broadcasts. Component III: *Topical Broadcast Issues*

and Analysis - We live in an ever-changing Broadcast environment. Companies are ever changing, and programming is now, more than ever, dependent upon advertising.

Course Sequence: Review of Camera & Equipment Techniques
Running a Broadcasting Studio
Set Design & Lighting
Writing for Visual Media
Advanced Technologies
News Gathering & Live Presentation
Electronic Field Production

21st Century Media Impact

Grades 11, 12

2.5 Credits

Course Description:

This course will educate students in the development of communication and information literacy skills necessary for success in the Information Age. The course is broken into four components that act as the building blocks for student-driven success as responsible digital citizens. This course will continually evolve, as we adjust the curriculum to equally match the skills of our students and the constant changes digital media undergoes.

Course Sequence: Overview of Media Genres and Emergence of New Media
Journalistic Impact
Social Networking Impact
Cultural Shifts and Impact

SOCIAL STUDIES

World History & World History Honors

Grade 9

5 Credits

Course Description:

World History is a course designed to provide ninth grade students with a cross-cultural study of global development from the emergence of modern Europe and the role of absolute monarchs to the present. An emphasis on cultural interaction and the rise of globalization will envelop the year. Students will acquire the knowledge, skills, and perspectives that will allow them to become active citizens of America who can make informed decisions about local, national, and global issues.

Course Sequence: Early Modern Time: 1492-1800
Enlightenment and Revolution: 1700-1850
A New Global Age: 1800-1914
World Wars and Revolutions: 1910-1955
The World Since 1945

United States History I

Grade 10

5 Credits

Course Description:

This course is designed to provide an in-depth understanding of the political, economic, and social development of the United States History from the Pre-Revolutionary Period to the end of the 19th century (1750-1890). Students will participate in a variety of in-class and out-of-class learning activities designed to develop historical knowledge, culture and social development and technological growth of the United States.

Course Sequence: Origins of a New Nation
Creating the American Republic
Expansion and Reform
Civil War and Reconstruction
Industrialization of the United States

United States History II

Grade 11

5 Credits

Course Description:

United States History II will implement the students' knowledge base and skill levels learned in US History I. This course is designed to help the 11th graders develop an in-depth understanding of the political, economic, technological, cultural and social development of U. S. History from the end of the 19th century to the present. The course closely parallels and is integrated with the 11th grade English course, linking historical periods with literature representative and reflective of those times. The predominant theme of the year's study is Establishing Identity - a concept integrating the aspects and parameters of identity and how we interact, confront, grow, and change into a world power. Students will participate in a variety of in-class and out-of-class learning activities designed to develop historical knowledge, cultural understanding, appreciation and respect for diversity, critical and analytical thinking skills and an ability to incorporate this learning with that acquired in English and other humanities.

Course Sequence: Emergence of the Modern United States
Prosperity and Depression
World War II and Postwar America
Challenges and Changes
Changing and Enduring Issues

United States History II: AP**Grade 11****5 Credits****Course Description:**

Advanced Placement United States History is a college level course designed to prepare the students to take the Advanced Placement Test given by the Educational Testing Service in May. The course will implement knowledge and skills from U. S. History I and integrate literature, art, music, and science from the historical time periods. This course will teach students to go beyond the surface using analytical and factual knowledge of political, social, economic, diplomatic, intellectual and cultural history that is needed to critically deal with materials related to a college level course. The work-intensive curriculum has three important components to achieve mastery of content: (1) extensive reading assignments utilizing text and outside primary and secondary sources, (2) maintenance of a detailed notebook with notes from readings, lectures, and class discussions, and (3) intensive writing assignments to include: document based questions, persuasive essays, reports, cultural analysis, and research. Course Sequence: Follows AP Audit

U.S. Government & Politics: AP**Grade 11, 12****5 Credits****Course Description:**

Advanced Placement Government and Politics is a course designed to give students a working knowledge of the world of politics and government as well as to prepare the student for the Advanced Placement exam. The teacher will stress historiography and essay writing techniques to aid the students in gaining understanding and expressing that understanding of the various systems studied. The students will participate in class discussions and/or role playing activities. They will also complete projects designed to improve critical thinking, analytical, interpretive and language arts skills. Course Sequence: Follows AP Audit

Economics**Grades 10, 11, 12****2.5 Credits****Course Description:**

The purpose of this course is to provide students with a basic understanding of economic concepts and principles. Through an analytical approach students will learn how economic systems in general and the American economy specifically function. Students will develop problem-solving and decision-making skills in order to apply economic concepts to real life economic situations. Upon completion of this introductory course, students should be able to make better decisions regarding the use of resources available to themselves and to society. Through individual research, simulations, role-playing and critical thinking exercises, students will participate in experiences designed to increase their mastery of economics. Course Sequence:

Macroeconomics: AP**Grade 11, 12****5 Credits****Course Description:**

This macroeconomics course will give students a better understanding of the economic principles that apply to the economy as a whole. Students will gain a better understanding of basic economic concepts such as scarcity, rational choice, and supply and demand. Particular emphasis will be placed on more complex topics such as national income and price-level determination, economic performance measurements, the financial sector, government stabilization policies, and international economics. Students will be asked to use these concepts in constructing charts and graphs that better explain today's economy. All students are expected to take the AP Macroeconomics Examination in May. Course Sequence: Follows AP Audit

Holocaust Studies**Grades 11, 12****5 Credits****Course Description:**

This class is designed to examine human behavior using the Holocaust as the major case study. The course begins with a brief look at the topic of human nature including how we view ourselves, how we view others, and how past philosophers examined the topic. The course will then focus more narrowly on the Holocaust. After a brief history of Germany, the students will examine the climate of early 20th century Germany and determine why the Holocaust happened, as well as why the German people not only allowed Hitler to rise to power, but also welcomed him. A great deal of time will be spent examining all aspects of the specific time period 1933-1945. The final course of study will be to determine what lessons students can learn from the Holocaust today. Other genocides and acts of prejudicial aggression of the 20th and 21st centuries will also be introduced. Course Sequence:

Sociology**Grades 11, 12****2.5 Credits****Course Description:**

Students will study the characteristics of human beings and their relationships in an attempt to better understand human behavior in today's society. Using a scientific and sociological approach, the teacher will make clear that the study of human relationships is affected by the environment in which they develop. A cross section of sociological theories will be presented in which students will understand the role of adolescence and how to achieve self acceptance. Students will evaluate this information and form their own opinions as to the validity of the research in terms of their own life experiences. In addition to a solid academic background, students will also be provided with the opportunity for personal growth. Through a variety of structured personal growth exercises, assignments, and discussions, students will develop a better knowledge, insight, and acceptance of themselves. Course Sequence:

You & the Law

Grades 10, 11, 12

2.5 Credits

Course Description:

This course introduces students to various aspects of the law including consumer and housing law, family law, and individual rights and liberties of the United States; in addition the legal system is studied to educate students on the Court system and how it protects individuals. Sources include: Supreme Court cases, case studies and problem-based learning assignments to strengthen critical thinking and communication and collaborative skills.

Course Sequence: Introduction to Law & the Legal System
Consumer & Housing Law
Family Law
Individual Rights & Liberties
Criminal vs. Civil Law

Current World Affairs

Grades 10, 11, 12

2.5 Credits

Course Description:

This course is designed to encompass contemporary developments in all fields of human knowledge. A study of contemporary affairs not only integrates the past with the present, but reveals the relationship of specific events to the larger contemporary scene.

Course Sequence: Current Events
Leveling the Playing Field
Poverty & Immigration
Social Awareness: The Environment
Social Awareness: Child Labor
Terrorism
International Criminal Court
The Global Economy

U.S. Foreign Policy

Grades 11, 12

2.5 Credits

Course Description:

This course provides students with a basic understanding of foreign policy concepts and issues. Through an analytical, problem solving approach, students will learn the forces involved in the formation of American foreign policy. Using decision making skills, students will formulate foreign policy goals, alternative options and predict possible consequences for each alternative. The course will emphasize current case studies, focusing on issues the U.S. currently faces. It is to these issues that students will apply their acquired decision making and problem solving skills.

Course Sequence:

United States Government: AP

Grade 11, 12

2.5 Credits

Course Description:

This course is designed to expand students understanding of the working of American Government. Students will study the philosophical bases, structure and application of our democratic system.

Course Sequence: Follows AP Audit

Personal Finance

Grades 11, 12

2.5 Credits

Course Description: Personal Finance is a course designed to inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions. Students will gain first-hand knowledge about how their personal finances impact their ability to become entrepreneurs. Topics including franchising, forms of business ownership, and emerging careers will be infused throughout the curriculum.

Course Sequence: Planning Personal Finances
Banking and Credit
Investing Financial Resources
Stock Market Simulation
Protecting Your Finances – Insurance and Tax Planning

Introduction to Psychology

Grades 11, 12

2.5 Credits

Course Description:

The Introduction to Psychology half-year course will give students a general understanding of the history of psychology from its infancy to the issues that modern psychologist are inquiring about today. The topics for the course will span a broad spectrum in psychology. These include, but not limited to, the following: the history of psychology and the people who have shaped the science, how psychological studies use the scientific method and statistical analysis in its research, the functions of the brain and nervous systems, developmental psychology and the changes that occur throughout our lives from the womb through adulthood, society and its effects on people and cultures, cognition with an emphasis on memory and intelligence, theories of personality and the causes of certain psychological disorders and how they are classified

using the DSM classification system, the different forms / methods of therapy and the different schools of thought regarding the treatment of different psychological disorders, psychology as a career, and educational options associated with psychology.

Course Sequence: The Science of Psychology
Biopsychology
Development and Learning
Social Context
Cognition
Individual Variations
Applications of Psychological Science

Psychology: AP

Grades 11, 12

5 Credits

Course Description:

The study of psychology will take students through a history of those who have pioneered the science in the past and those who continue to advance psychology today. The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. The range of study will include the basic developmental processes of a child into adulthood, the learning process and cognition, and personality development. Abnormal behavior and the treatment of these behaviors will also be studied. Finally, psychological testing, categorization, and identification of psychological disorders will be examined as well.

Course Sequence: Psychology's History and Approaches
Research Methods: Thinking Critically With Psychological Science
Biological Bases of Behavior
Sensation and Perception
States of Consciousness
Learning
Cognition
Motivation and Emotion
Developmental Psychology
Personality
Testing and Individual Differences
Abnormal Psychology
Treatment of Psychological Disorders
Social Psychology

MATHEMATICS

Algebra I

Grade 9

5 Credits

Course Description:

This is a fundamental course in algebra. Areas of concentration include equations, number systems, the language of algebra, algebraic expressions, relations, functions, and graphing.

Course Sequence: Expressions, Equations & Functions
Solving Linear Equations
Graphing Linear Equations & Functions
Writing Linear Equations
Solving & Graphing Linear Inequalities
Systems of Equations & Inequalities
Exponents & Exponential Functions
Polynomials & Factoring
Quadratic Equations & Functions
Data Analysis
Probability

Geometry & Geometry Honors

Grade 10

5 Credits

Course Description:

This course is a study of geometry. The Euclidean system will be developed over the majority of the year's work with attention to the relationships between postulates, theorems, definitions and the nature of proof based on deductive reasoning. Geometric constructions will comprise an integral part of each unit covered, reinforcing the concepts of that unit in a visual way. Review of algebraic topics will occur periodically during the course in a way that relates the writing and solving of an equation to the geometric principles currently being covered. Late in the course, some non-Euclidean approaches may be covered, time permitting. The students will do written assignments on a daily basis. They will progress in their ability to develop and write a formal proof. Their proficiency will increase in the skills of geometric constructions as well as problem solving through the use of algebra and deductive reasoning.

Course Sequence: Essentials of Geometry
Reasoning & Proof
Parallel & Perpendicular Lines

Congruent Triangles
 Relationships with Triangles
 Similarity
 Right Triangles & Trigonometry
 Quadrilaterals
 Properties of Transformations
 Properties of Circles
 Measurement of Figures & Solids

Algebra II & Algebra II Honors

Grade 9

5 Credits

Course Description:

Algebra II is an intermediate level mathematics course which introduces the students to some of the more difficult aspects of algebra. Areas of concentration will be coordinate geometry, fractional equations, functions, roots and powers, complex numbers, and logarithmic equations. Also in each unit will be practice in the application of the theory being taught; verbal problem solving is consistently interwoven in the units' work.

Course Sequence: Quadratic Functions & Factoring
 Polynomial Functions
 Rational & Exponents & Radical Functions
 Exponential & Logarithmic Functions
 Rational Functions
 Data Analysis & Statistics
 Sequences & Series
 Quadratic Relations & Conic Sections
 Trigonometric Ratios & Functions

Pre-Calculus & Pre-Calculus Honors

Grades 11, 12

5 Credits

Course Description:

The Pre-Calculus course is divided into two sections: one semester of trigonometry and a second semester which includes topics in advanced algebra, analytic geometry, sequence and series, and probability.

Course Sequence: Functions & their Graphs
 Polynomial & Rational Functions
 Exponential & Logarithmic Functions
 Trigonometric Functions
 Analytic Trigonometry
 Additional Topics in Trigonometry
 Linear Systems & Matrices
 Sequences, Series & Probability
 Topics in Analytic Geometry
 Analytic Geometry in Three Dimensions
 Limits & an Introduction to Calculus

Calculus: AP

Grades 11, 12

5 Credits

Course Description:

This course deals with calculus and follows the curriculum recommended for the Advanced Placement Test in calculus.

Course Sequence: Follows AP Audit

Discrete Math

Grades 11, 12

5 Credits

Course Description:

This course focuses on Data Analysis, Probability and Discrete Math. A review of prior math including Algebra and Geometry is included to ensure that all students enrolled have the math foundation needed for the course. The review also serves as an SAT review. The course includes the mathematics of making social decisions, management methodology, collecting and using data, and making projections of future trends. In line with its objectives, the approach of this course will be problem solving and applications, with students encouraged to make conjectures about method of solution and possible solutions.

Course Sequence: SAT Review
 Voting
 Fair Division & Apportionment
 Circuits, Networks, and Scheduling Problems
 Data Collection, Graphing, Summarizing & Analysis

Statistics: AP

Grades 11, 12

5 Credits

Course Description:

Advanced Placement (AP) Statistics is a non-calculus-based introduction to statistics. This course is activity-oriented with an emphasis on using calculator and computing technology. Students will use a TI-83/84 graphing calculator, Fathom statistical software, and various web-based

applets to discover and investigate statistical concepts. We will study four broad conceptual themes: exploring data – describing patterns and departures from patterns; sampling and experimentation – planning and conducting a study; anticipating patterns – exploring random phenomena using probability and statistics; and statistical inference – estimating population parameters and testing hypotheses. This course is the equivalent of a single semester, introductory college statistics course, and follows the syllabus of the College Board.

Course Sequence: Follows AP Audit

SCIENCE

Biology & Biology Honors

Grade 9

5 Credits

Course Description:

The Biology course will explore the unity and diversity among organisms. Life is analyzed from the molecular and cellular level. The course includes the characteristics and interdependence among all life forms. It discusses topics such as bio-chemistry, the cell, heredity, evolution and ecology. Laboratory investigations promote scientific inquiry and scientific thinking. Students are expected to independently complete projects and laboratory investigations. Data analysis, projects and research further increase the students' critical thinking skills. The course is focused on STEM Education and the Common Core Standards for Science.

Course Sequence:

- The Nature of Life
- Ecology
- Cells
- Genetics
- Evolution

Biology for Life

Grade 9

5 Credits

Course Description:

This course is designed to teach the students the principles of life science and how they apply to their daily lives. The students will explore the different kinds of life, the kingdoms that exist, body systems maintaining and controlling life, traits of living things including genetics, and relationships in the environment. Lab investigations, data analysis, projects and research further the student's knowledge and critical thinking skills.

Course Sequence:

Biology: AP

Grade 11, 12

10 Credits

Course Description:

AP Biology is a rigorous and challenging curriculum designed to be the equivalent of an introductory college biology course taken by biology majors. The course meets for 2 periods each day for a total of 10 periods a week (one period is 48 minutes). The curriculum includes an integral laboratory component which constitutes at least 25% of the class time [CR7]. Student teams perform each of the 13 inquiry-based AP laboratory experiments (at least two inquiry-based labs per big idea) and have numerous other laboratory experiences as well[CR6] Written laboratory reports include a pre-lab and post-lab component. Each student is responsible for keeping a laboratory notebook and results and observations will be presented and discussed in class. All laboratory activities emphasize some of the Science Practices and over the course of the year the students will use and engage in all Seven Practices.

Course Sequence: Use of representations and models to communicate scientific phenomena and solve scientific problems

Use of mathematics

Engage in scientific questioning to extend thinking, and guide investigations within the context of the AP course

Plan and implement data collection strategies appropriate to the particular scientific question.

Perform data analysis and evaluations and theories

Work with scientific explanations and theories

Connect and relate knowledge across various scales, concepts and representations in and across domains

Chemistry & Chemistry Honors

Grade 10

5 Credits

Course Description:

Chemistry is a *laboratory science course* in which students investigate the composition of matter and the physical and chemical changes it undergoes. During semester 1, students use science process skills to study the fundamental structure of atoms, the way atoms combine to form compounds, and the interactions between matter and energy. Semester 2 builds on topics introduced in semester I. This semester investigates chemical bonding and how the kinetic molecular theory and intermolecular forces explain the physical and chemical characteristics of matter. Additional aspects of chemical reactions including limiting reactants, percent yield, equilibrium, reaction rates, and thermochemistry are considered. Students explore chemistry concepts through an inquiry-based approach. Embedded standards for Inquiry, Mathematics, and Technology & Engineering are taught in the context of the content standards for Structure of Matter, States of Matter, and Reactions.

Course Sequence: **Introduction to Chemistry**

Analyzing Data

Matter – Properties and Changes

The Structure of the Atom

Electrons in Atoms

The Periodic Table and Periodic Law

Ionic Compounds and Metals

Covalent Bonding
Chemical Reactions
The Mole
Stoichiometry
States of Matter
Gases
Mixtures and Solutions
Energy and Chemical Change
Reaction Rates
Acids and Bases

Chemistry: AP

Grade 11, 12

10 Credits

Course Description:

This is a college level course. Prerequisites include either Chemistry H or Chemistry CP and at least Algebra II. It is designed for those students who wish to pursue a fuller study of the subject. Students entering this course of study have a keen interest in the sciences and mathematics and wish to develop a strong chemistry background in preparation for studies on the college level. Following review of the chemistry course, the students are guided through an in depth study of chemical reactions, including types, Arrhenius, Bronsted-Lowry and Lewis theories of acids and bases; precipitation and REDOX reactions. Stoichiometry, chemical and physical dynamic equilibrium, law of mass action, thermodynamics, solubility products, equilibrium constants, rates of reaction order, temperature changes and effects, activation energy and mechanism as a reaction are covered. The course also includes descriptive chemistry as related to the periodic table, organic chemistry, and structural isomerism. Students are expected to demonstrate their chemical knowledge in laboratory activities.

Course Sequence: Follows AP Audit

Physics & Physics Honors

Grades 11, 12

5 Credits

Course Description:

Physics is a course that deals with the study of kinematics, universal gravitation, sound, light, electricity, and magnetism. This course gives the student a broad view of the general topics in physics. While this course is conceptual in nature, the student is expected to use math skills to explain the topics studied. Laboratory activities and demonstrations are used extensively to illustrate concept being studied.

Course Sequence: The Science of Physics
Motion in One Dimension
Newton's Laws
Vectors: Motion & Forces in Two Dimensions
Work, Power & Energy
Momentum & Collisions
Circular & Satellite Motion
Electric Forces & Fields
Current Resistance
Circuits & Circuit Elements
Magnetism
Electromagnetic Induction
Subatomic Physics
Vibrations & Waves
Sound
Light & Reflection
Refraction

Environmental Science & Honors

Grades 11, 12

5 Credits

Course Description:

This course gives students a foundation to understand various ecological issues and develop an environmental consciousness. This foundation will be based on environmental principles and an understanding of humankind's effects on the environment. Each student will be responsible for applying this knowledge by designing a project and carrying it to fruition.

Course Sequence:

Forensics

Grades 11, 12

2.5 Credits

Course Description:

Forensics introduces crime scene investigation. Through presentation, lab activities and film, the class investigates how to solve a crime and draw conclusions from evidence presented from a crime scene. The different forensic science specialties are encountered through the different types of science utilized in solving a crime. Throughout the course, students will explore the legal system, types of evidence, crime scene analysis, the criminal mind, fingerprints, impressions, forgery, anthropology, DNA and blood spatters, hair and fiber identification, drugs and toxins, firearms and arson.

Course Sequence: Forensic Aspects of Fire Investigation
Blood & Blood Spatter

Fiber & Hair as Evidence
Fingerprints & Impressions
Handwriting Analysis, Forgery & Counterfeiting
Human Remains
Introduction to Forensic Science & the Law
Criminal Minds
Types of Evidence & the Crime Scene

Sports Medicine

Grades 11, 12

2.5 Credits

Course Description:

Sports Medicine covers the systems of the body and how they relate to movement or sports. Sports medicine explores the cardio respiratory system and injuries/diseases, musculoskeletal system and injuries, the gastrointestinal system, nutrition, students learn about preventing injury and rehabilitation of injuries, medical emergencies and other medical issues

Course Sequence: The Cardiovascular System & Blood
Digestion
Infectious Diseases
Levels of Organization & the Integumentary System
Muscular System
Nutrition & the Athlete
The Senses
The Skeletal System

Horticulture

Grades 11, 12

2.5 Credits

Course Description:

Horticulture is designed to help the student develop an in-depth understanding of the science and art of cultivating and processing plants for human use. Horticultural science encompasses all of the pure sciences – physics, chemistry, geology, and biology – as well as related sciences and technologies such as plant pathology, soil science, entomology, and many other scientific disciplines. Students will apply the knowledge, skills, and technologies to produce plants for human food and non-food uses. Students will participate in a variety of in-class and out-of-class learning activities designed to teach them plant propagation, cultivation, improving plant growth, yields, quality, and resistance to insects, diseases, and environmental stresses. Successful horticulture depends on extensive control of the environment, including light, water, temperature, soil structure and fertility, pests and diseases. The “green industry” is all around you, from the food you eat to parks and landscaping. It improves the quality of the environment and your life through plants.

Course Sequence: An Overview of Plants
Plant Processes
Seeded Plants and Plant Reproduction
Feeding the World
Productivity, Irrigation and Pests

WORLD LANGUAGES

Spanish I

Grade 9, 10

5 Credits

Course Description:

This course is a high school level introduction to the Spanish language and culture. The students will begin to develop knowledge of how to study a foreign language through speaking, reading, writing, and listening activities. An appreciation for Spanish cultures throughout the world will be encouraged. By the end of the course, the Spanish I students will be able to use the grammar structure and vocabulary. They will also have the desire to pursue further learning and gain greater proficiency.

Course Sequence:

Spanish II

Grades 10, 11, 12

5 Credits

Course Description:

Spanish on the second level is a continuation of beginning Spanish. The students will develop oral and skills in the classroom, will study grammar, will further develop their writing skills and will read from the textbook and other materials. In addition, the students will learn to appreciate the culture of the Spanish speaking world.

Course Sequence:

Spanish III

Grades 10, 11, 12

5 Credits

Course Description:

The study of Spanish on the third level is an intermediate course that develops oral and aural skills in the classroom. Students will study grammar and further develop their writing skills. In addition, the students will be presented with extensive cultural material on Latin America and Mexico.

Course Sequence:

Spanish IV Honors

Grades 11, 12

5 Credits

Course Description:

This course is designed to bring the students to the advanced level through a thorough review of the elements of the Spanish language. The culture of the Spanish speaking world will be covered throughout the year with a focus on Spain. The students will attain the objectives through speaking activities, grammar exercises, reading literary selections, writing compositions, researching for projects listening comprehension exercises and class discussions.

Course Sequence:

Spanish: AP

Grades 11, 12

5 Credits

Course Description:

This course challenges the students to work in Spanish on the sixth semester college level as required by the College Board. It provides the students the opportunity to develop their language skills and demonstrate proficiency in the three modes of communication from the intermediate to Pre-Advanced range. The course materials used are varied, authentic and multimedia to assist in the development of integrated language use. The global themes of the course materials are used to encourage an understanding of how language, as a tool of communication, within and among communities is also a mirror of culture. Through many types of in-class and out-of-class activities, the students will be required to make comparisons and understand the connectedness of the global themes and subthemes.

Course Sequence: Las familias y las comunidades
La vida contemporánea
La belleza y la estética
Las identidades personales y públicas
Los desafíos mundiales
La ciencia y la tecnología

French II

Grades 9, 10

5 Credits

Course Description:

The French II course is the second year of the beginner's level of language study (French 7/8 is French I). Through a daily classroom immersion in the French language, the student will gain more vocabulary in a cultural context. New grammatical structures will be introduced with practice exercises to aid in student assimilation of the material. Students will learn to communicate in meaningful and appropriate ways with French speaking people through speaking, listening, reading, and writing. The French II student will ultimately develop an understanding of the practices and perspectives of the culture of many countries around the world. By the end of the course, the French II student will recognize the importance of becoming proficient in a world language and will have the desire to pursue further learning.

Course Sequence:

French III

Grades 11, 12

5 Credits

Course Description:

This intermediate level course offers the student the opportunity to develop proficiency in French while immersing in the target language. At the same time, it aims to increase the student's knowledge and appreciation of French culture. True competence in a world language cannot be attained without simultaneous development of the awareness of the culture in which the language is spoken. Students will be encouraged to compare and contrast what they learn in order to learn more about themselves and progress towards a mature vision of the world. This course will provide a balanced focus on all four language skills: listening, speaking, reading, and writing. The communicative functions, vocabulary, grammar, and reading selections will be presented in culturally authentic situations and reading taken from contemporary French magazine and newspapers. These students will also be exposed to Francophone literature from a variety of periods. Students will be involved in activities that promote both learning and application of the language, ultimately leading the student to function in many new situations at the intermediate level.

Course Sequence:

French IV Honors

Grades 11, 12

5 Credits

Course Description:

This course is designed to bring the French student to the advanced level through a thorough review of the elements of the French language vocabulary, idiomatic expressions and grammatical concepts. The advancement will be attained through speaking activities, grammar exercises, reading novels, French newspapers and magazines, writing compositions, listening comprehension exercises and class discussions. In addition, the student will review French history and study cultures throughout the French speaking world.

Course Sequence:

French: AP

Grades 11, 12

5 Credits

Course Description:

This course will prepare the student for the Advanced Placement French Language Examination through the extensive review of French thematic vocabulary, idiomatic expressions, proverbs and grammar. The student will be expected to be responsible for all regular class work in addition to the Advanced Placement practice exercises. Students will build upon their solid base from French 7-IV to eliminate English structure and common mistakes and eventually, will learn to master the French language. As in previous years, the student will work on listening, speaking, reading and writing the French language. Students will continually refer to French cultures and traditions as they journey through their last year of high school French. Students will be expected to

expose themselves to as much spoken and written French as possible: television, films, radio, newspapers, magazines, and the Internet.

Course Sequence: Follows AP Audit

PHYSICAL EDUCATION

* All Physical Education and Health classes meet for one semester except for Health 12 that meets for one marking period.

Physical Education 9

Grade 9

2 Credits

Course Description:

This course will help students apply the components of health related fitness. Students will synthesize movement concepts and principles and apply them as they practice, assess, and refine movement skills in a variety of physical activities including Project Adventure, large and small group sports.

Course Sequence:

Physical Education 10

Grade 10

2 Credits

Course Description:

This course will continue to help students to apply the components of health related fitness and a special emphasis will be on the development of skills through seasonal activities and physical fitness. Recreational activities including the acquisition of lifetime game skills will carry over into adult life.

Course Sequence:

Physical Education 11

Grade 11

2 Credits

Course Description:

The junior level Physical Education course is a broad and varied program with special emphasis on the development of skills through seasonal activities. Most of the participation is built on the skill level learned in Physical Education 10.

Course Sequence:

Physical Education 12

Grade 12

2 Credits

Course Description:

This course will help develop students who are health literate and physically educated. Students will investigate movement concepts and principles and apply them as they practice, assess, and refine movement skills in a variety of physical activities including Project Adventure games, sports, and lifetime recreational pursuits. Students will comprehend and apply the components of health-related fitness.

Course Sequence:

Health 9

Grade 9

2 Credits

Course Description:

This course will help students identify and eliminate potentially hazardous conditions in their environment, recognize emergencies and make appropriate decisions for the first aid care. This course will also explore injury and illness prevention with a focus on personal safety. Upon completion of this course, students will receive Red Cross Certification for Standard First Aid with CPR and Automated External Defibrillator (AED) for an adult.

Course Sequence:

Driver Education 10

Grade 10

2 Credits

Course Description:

The study of Driver Education is a mandatory one semester course designed for students enrolled in grade 10. The student will study the mechanics, basic skills and laws of the automobile and the highway system. Rules of the road, yielding the right of way laws, road signs, signals and road markings, handling social pressures, assessing and managing risk and road rage are at the core of the curriculum. Students will also understand how drivers gather, analyze, and evaluate information in order to make proper decisions and the effect of drugs and alcohol on a driver will be discussed. Students will prepare for and complete the New Jersey Division of Motor Vehicles written examination taken at the end of the semester. Examination cards will be issued to the students who attain 80% or higher on the exam.

The second and complementing part of the course, "Behind the Wheel Driver Education," should be taken by the student through an outside agency such as the Midland Park Adult School. Although "Behind the Wheel Driver Education" is not mandatory, it is encouraged.

Course Sequence:

Health 11

Grade 11

2 Credits

Course Description:

This course is takes an in depth look at family life education taught through a values clarification approach. From birth to death, broad cross sections of family life topics are addressed. The course also meets the state standards regarding alcohol and AIDS education.

Course Sequence:

Health 12- One Marking Period

Grade 12

2 Credits

Course Description:

This course is divided into two units of study. The first unit of study provides students with the knowledge and skills necessary to help sustain life and minimize the consequences of injury or sudden illness until advanced medical help arrives. Upon completion of this course, students will receive Red Cross Certification for Adult, Child, and infant CPR and adult and child Automated External Defibrillator (AED)

Course Sequence:

FINE ARTS

Art I

Grades 9, 10, 11, 12

5 Credits

Course Description:

Art I is a basic course to introduce the student to the world of art. The fundamentals of drawing, value rendering, composition, and color are stressed using a wide variety of materials and methods. Introduction to printing, subtractive sculpture, and ceramic hand building gives the student a three-dimensional experience as well.

Course Sequence:

Art II

Grades 10, 11, 12

5 Credits

Course Description:

Drawing upon their fundamental skills in drawing, composition, design and perspective, students are expected to apply their experience to the areas of two-point perspective, watercolor, graphing and figure drawing. Ceramics is further developed with the potter's wheel and students hand letter in calligraphy. Additive sculpture gives a three-dimensional experience and students begin to give their portfolio a professional look by learning basic matting and framing techniques.

Course Sequence

Art III

Grades 11, 12

5 Credits

Course Description:

In Art III, students are expected to draw upon their previous knowledge and skills, combine them with creativity, and explore new method, media, and subject areas. Fabrics, fashion, acrylic painting, casting, and etching, combined with traditional drawing skills, silk screening and art history will gear the student toward a professional product that can be used in a portfolio.

Course Sequence:

Art IV

Grade 12

5 Credits

Course Description:

In Art IV, students are expected to expand their knowledge of painting, sculpture, graphics, drawing and letter in new and creative ways. Oil painting, portraiture, commercial art, scrimshaw, and advanced drawing will be presented interspaced with art history. In addition to the regular curriculum, each Art IV student will choose areas of personal interest and complete an independent study of four to six weeks duration

Course Sequence:

Studio Art: AP

Course Description:

AP Studio Art is offered as a Drawing Portfolio, 2-D Design Portfolio, or a 3-D Design Portfolio. Students are given the opportunity to develop a portfolio that enhances their individual talents and interests while still displaying mastery in skill. This course encourages students to become independent thinkers and challenge themselves to new experiences. There are three sections in the portfolio: breadth, quality, and concentration. Students in this course may be granted college credit for their portfolio with a qualifying score.

Course Sequence:

- What is AP Studio Art?
- Art Portfolio Structure
- Producing Art
- Understanding Art
- Quality Pieces
- Concentration
- The Final Portfolio
- Portfolio Critique
- Applying Concepts to Reality

Painting

Grades 11, 12

2.5 Credits

Course Description:

Painting students are expected to develop talent in and enjoyment of the creative arts. Painting is a one semester specialized studio course that will provide interested students with insights and experiences in drawing, design and organization of ideas; manipulating painting tools and media with skill; practicing creative problem solving skills; and expanding the ability to exercise critical judgments.

Course Sequence:

Ceramics

Grades 11, 12

2.5 Credits

Course Description:

Ceramics students are expected to develop talent in and enjoyment of the plastic qualities of clay bodies. Ceramics is a one semester specialized studio course that will provide interested students with insights and experience in using the ceramics medium to develop creative thinking, self-expression and craftsmanship. The course provides experience in a variety of construction techniques, firing and glazing.

Course Sequence:

Digital Photography

Grades 11, 12

2.5 Credits

Course Description:

Using the digital camera, knowledge of composition, and becoming familiar with the programs iPhoto and Photoshop will allow students to take well composed and creative photos. The photos will then be utilized in new graphic ways to produce finished products that can be used personally and commercially. Students are encouraged to use their own personal digital cameras for the course.

Course Sequence:

Sculpture

Grades 11, 12

2.5 Credits

Course Description: In sculpture students are expected to develop talent in and enjoyment of the creative arts. Sculpture is a one semester specialized studio course that will provide interested students with insights and experiences in areas such as ceramics, metal, plaster and wood. Students will learn about the additive and subtractive sculpture techniques. Students will learn new skills as well as apply previous art experience in order to develop the ability to solve more complex problems in 3D design, technique, and creativity

Course Sequence:

MUSIC

Band 9-12

Grades 9, 10, 11, 12

6 Credits

Course Description:

Students who desire to develop their skills in instrumental music may enroll in band during each year in high school. Band rehearsals are conducted during zero period and for limited periods of time after school, depending on the needs of the organization, but particularly just prior to major concert programs and shows. Membership in the band requires self-discipline with regard to practice, dedication with regard to daily and extra rehearsal sessions, and compliance with the demands of the director with regard to performance standards.

Course Sequence:

Concert Choir 9-12

Grades 9, 10, 11, 12

5 Credits

Course Description:

Concert Choir is a performance-oriented class for students in grades 9-12. Students will learn secular and sacred choral music of varying styles and time periods. Students will develop and refine vocal techniques through a selected repertoire, which leads to concerts during the academic school year. Attendance is required at the evening rehearsals and at concert performances. Other related tips are scheduled for the purpose of performance and adjudicated experiences. Students in Concert Choir may audition for smaller select vocal ensembles such as Madrigals. At the teacher's discretion, some students are also eligible to audition for Bergen County Chorus. Students enrolled in Concert Choir should be able to match pitch as a course prerequisite. Students in the vocal music program will participate in lessons. Lessons can be for individual students or for small/medium size groups of singers. Students will work on technique, prop vocal production, music for concert, audition material, music for solo performances or anything the teacher deems necessary for the lesson. Students must be in Concert Choir to participate in the vocal lesson program.

Music Theory

Grades 11, 12

5 Credits

Course Description:

Students in Music Theory will earn the basic structure of music including fundamentals of harmony, melody and rhythm with the goal of applying learned concepts to their musicianship skills. Students will also analyze and compose music in a variety of styles, settings, and texture. Students enrolled in Music Theory should be able to read music as a course prerequisite.

Course Sequence:

Music Theory: AP

Grades 12

5 Credits

Course Description:

AP Music Theory is the in-depth study of the structure of music with focus on analytical, aural, performance and compositional skills, and a study of repertoire to examine techniques and musical genres. The development of aural skills will take place through listening exercises and sight singing. Performance and composition assignments will enhance the learning of the concepts through hands-on and creative assignments. The course work will prepare the students for taking the advanced placement music theory examination.

Course Sequence: Elements of Music
Harmonization/Analysis
Counterpoint
Form/Composition Project

TECHNOLOGY

Introduction to Computers

Grades 9, 10

5 Credits

Course Description:

This course covers a general overview of the world of computers and computer programming. As well as learning how to write and read code, the class also takes a historical journey through the development and uses of computers and computer languages. Students will learn about HTML, C++, Pascal, JAVA etc. Time is also spent studying the designs and coding of common websites. The main focus of the class is using Object-Oriented Programming to create unique worlds in which you direct the objects. Each student is able to learn and excel at their own rate. Whether you hope to write and direct a short animation or create an interactive video game taking this course carries many benefits. These benefits include: learning a new way to think, increasing your problem solving skills, improving your organizational skills, collaborating with other classmates and enriching your appreciation for how the world of computers work.

Course Sequence:

Computer Graphics & Design

Grades 11, 12

5 Credits

Course Description:

Computer Graphics and Design is a course that is designed to be an introduction to design and desktop publishing on the computer. Students can expect to learn about basic elements of desktop publishing and multimedia design using computer programs to create brochures, newsletters, and a variety of publications that will include photo touch-up, student generated art work, available clip art, spreadsheets, charts and other graphics. The course also covers all aspects of assembling a media publication. Planning, theme, coverage, layout, copywriting, proofreading, editing, typography, photography, copy fitting, and cropping, as well as the business and financial aspects of publishing, will be covered. Career opportunities will also be discussed.

Course Sequence:

SPECIAL EDUCATION

Resource Center Program

Grades 9, 10, 11, 12

Course Description:

The resource center program provides classified students individualized as well as small group instruction in the core academic subjects. Instruction is based upon individual goals as stated in the IEPs which are guided by student needs and frame worked around the Core Curriculum Content Standards. The purpose of the program is to assist the youngsters in bridging academic gaps supporting their movement into a less restrictive environment in the future.

Study Skills

Grades 9, 10, 11, 12

Course Description:

This course of study is designed to assist the special education student to have a successful experience in mainstream classes. Students will be taught techniques to improve listening skills, organizational skills, study habits, specific reading and writing skills, note-taking skills, test-taking skills and problem solving skills. Students will have the opportunity to improve vocabulary, concentration and memory. In addition, students will develop a better awareness and understanding of various learning disabilities and how they affect performance in school. Students will also be taught the skills needed to self advocate in a small group or one-to-one situation. Once the student develops the skills necessary for academic success and/or no longer benefits from the program, then goals of this course have been achieved and the student will transition out of the study skills program.

SPECIAL PROGRAMS

Bergen County Technical High School-Shared Time Program- A.M./P.M. Full Year

The Bergen County Technical High School Paramus Campus provides a shared time program allowing students to experience the best of both educational worlds-academic and technical. Midland Park High School will provide the student with academic classes directed at meeting the

New Jersey educational requirements for a high school diploma. At the Bergen County Technical High School Paramus Campus, the student will have the opportunity to work in an advanced technical environment with state of the art equipment and professional direction through a state certified teacher. This combination of academic and technical education will insure the student not only graduates from high school with the academic skills required by the New Jersey State Department of Education but with the skills necessary to enter into today's highly competitive job market. Graduates of the Bergen County Technical High School Paramus Campus historically have been accepted into 2 and 4 year post secondary institutions, entered the job market in the field they have been trained, or have been accepted into the Armed Forces.

Technical Education Programs

Automotive Collision Repair, A.S.E.	Automotive Technology, A.S.E.
General Contracting	Cosmetology/Skin Care
Culinary Arts	Landscaping/Grounds
Visual Graphic Design	Horticulture
Small Engine Repair	Small Animal Care
Electrical Design Laboratory	Information Technology & A+ Certification
Computer Information Business Office Technology	

Academic Courses Available at the Paramus Technical Education Center

A variety of academic courses are available for Shared Time students that meet the graduation requirements of the local sending district but the subjects are not guaranteed. Registration for these courses must be done in writing from the local district.

Senior Options

Seniors interested in an alternative educational experience may enroll in Senior Options and select from the following:

School to Work – Students spend part of the day at a paid job and part of the day attending high school.

Career Internship – Students participate in unpaid, structured learning experiences in a career-focused position.

Dual Enrollment – students interested in starting their college careers early enroll in college courses at a local college and attend high school part of the day. The college tuition is the student's responsibility.

Project Acceleration – students enroll in select courses in high school that offer college credit in addition to high school credit.

Volunteer Service – students earn high school credit for performing approved community service in a variety of settings and flexible scheduling.

Students must complete a Senior Options application that is subject to review and approval by the Senior Options Committee.

Recommendation for approval or denial is made to the Principal.