

The Academic Program

Bishop McDevitt High School provides the opportunity to combine an excellent basic education with a broad liberal arts education enlivened with the Gospel message. This program will help develop analytical and communication skills, a sense of value of religion and of history, an appreciation for the fine arts, and mathematics & science skills with vigorous preparation for the world of advanced study and work.

Because we are a diverse people, and we recognize individual differences, McDevitt has structured its curriculum aimed at six levels of ability. Each student ought to be placed in courses equal to his/her ability level and performance. Each student then will have the potential to be successful at his/her particular level.

AP-Track	Advanced Placement-Honors
H-Track	Honors
ACP Track	Accelerated College Prep
Level 2 (CP)	College Prep
Level 1	College Prep

The College Prep track is subdivided into ACP, Level 2 and Level 1 courses.

Each student must schedule at least 6 major courses for the year. (Many students elect to enroll in seven courses.)

Mandated minor course must be scheduled in the sequence directed by the school. The school day consists of nine (9) class periods including the lunch period.

Graduation Requirements

Bishop McDevitt High School, requires a minimum of 24 credits, earned in grades 9 through 12 to receive a diploma. The following is the mandated distribution of courses:

Religion	4 credits
English	4 credits
History	4 credits
Science	3 credits
Mathematics	3 credits
Windows	½ credit
Phys. Ed/Health	2 credits (Note: ½ credit of Phys-Ed is required each year)
Electives	Selected as needed to acquire sufficient credits

These are minimum requirements. Since each college and specific programs in each college have special requirements for admission, it is important for each student to be sure that his/her school course selections will meet specific college requirements. The guidance counselor and college websites are the best sources of information. College admission may demand at least two years of a modern language although it is not a graduation requirement.

Course Selection Procedures

You must select 6 major subjects. The required courses for your grade are published in the Course Selection Booklet. You choose the level and your elective courses. You need not choose a Physical Education; this course will be automatically placed on your schedule. **Every student is required to take Physical Education every year. This is a requirement for graduation.** The Physical Education requirement is only waived by the school when it cannot fit into the student's schedule. **Heavy course load is not an acceptable excuse for the waiving of Physical Education. Students should consider their course work expecting Physical Education to be on their schedule.**

Be sure to check graduation requirements before choosing courses. In the event that something you have chosen cannot be scheduled, you will be notified by Mrs. Pagliaro.

Sophomore, Junior and Senior classes will register for courses online. Instructions were placed in a power point and were sent via student email

All On-Line Course Selection must be completed by Friday February 24th, 2017

Students who do not complete their course selection by February 24th will have their courses selected by the Assistant Principal for Academics.

IMPORTANT NOTE TO ATHLETES: The clearing house requires you have 16 approved credits. Please note that Religion, Business, Home Economics, Music and minor courses cannot be used in this total.

Suggested Sequence:

- 4 credits of Social Studies**
- 4 credits of English**
- 3 or 4 credits of Mathematics**
- 3 or 4 credits of Science**
- 2 or more credits of Electives (see important note above)**

SEQUENCE OF COURSES

SUBJECT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
RELIGION	Religion I Religion I CP	Religion II Religion II CP	Religion III Religion III CP Religion III H	Religion IV Religion IV CP Religion IV H
ENGLISH	English I English I CP Humanities I H	English II English II CP British Studies ACP Humanities II H	American Literature American Literature CP American Literature ACP American Literature H	World Literature World Literature CP Shakespeare ACP Shakespeare H AP Shakespeare
SOCIAL STUDIES	World Cultures World Cultures CP Humanities I H	Modern World Studies Modern World Studies CP British Studies ACP Humanities II H	American History I American History I CP American History I H	American History II American History II CP American History II H AP American History
MATHEMATICS	Algebra I Algebra I CP Algebra I H	Geometry Geometry CP Geometry H Algebra II H	Algebra II Algebra II CP Pre-Calculus H Statistics CP or H	Mathematical Concepts Trigonometry Trigonometry CP Calculus H AP Calculus Statistics CP or H
LANGUAGE	Spanish I Spanish I CP Spanish I H French I H Latin I	Spanish II Spanish II CP Spanish II H French II H Latin II	Spanish III CP Spanish III H French III H Latin III	Spanish IV H French IV H
SCIENCE	Biology I Biology I CP Biology I H	Chemistry I Chemistry I CP Chemistry I H	Earth and Space Biology II CP or H Chemistry II CP or H AP Biology AP Chemistry	Physics CP Physics H AP Physics
BUSINESS/TECH	Windows I	Windows II Accounting I Visual Basic H Flash CP Business Law CP Graphic Design I HTML Dreamweaver CP	Accounting I Accounting II Marketing & Management CP Economics CP Graphic Design II C++ Programming	Accounting I Accounting II Marketing & Management CP Economics CP AP Java Graphic Design II
ART	Art I	Art II Art I	Art III Art II Art I	Art IV Art III Art II Art I Art Portfolio H Drawing H
MUSIC	Band Choir Music Electives	Band Choir Music Electives Wind Ensemble H Chorale	Band Choir Music Electives Wind Ensemble H Chorale	Band Choir Music Electives Wind Ensemble H Chorale
PHYSICAL EDUCATION	Physical Education/ Health	Physical Education/ Health	Physical Education/ Health	Physical Education/ Health
HOME ECONOMICS			Foods/Nutrition	Foods/Nutrition

FRESHMAN RELIGION

100 Religion I

Level 1

1.00 credit

The Freshman Religion course offers a comprehensive overview of Catholicism so that students gain a foundational understanding of the Faith. Topics covered include: The Trinity, Revelation, the Church, Sacraments, Prayer, Mary, and Catholic devotional practices. Students will become familiar with basic terminology and prayers, and will be given the opportunity to apply this knowledge in practical ways throughout the year. By the end of this course students will better understand the nature of God and the Church, as well as what it means for them personally.

103 (CP) Religion I

Level 2

1.00 credit

This course offers a comprehensive overview of Catholicism. It serves as a foundation for other high school religion courses and faith experiences. Topics include the articles of the Nicene Creed, Sacraments, the study and celebration of the liturgical year, human sexuality, the practice of prayer, the customs of the Church, including the lives of the Saints and development of spirituality. Students are led to better understand Jesus Christ and their commitment to their parish community and applying their beliefs to contemporary living.

SOPHOMORE RELIGION

110 Religion II

Level 1

1.00 credit

This course explores both the Old and New Testaments and follows the Diocesan curriculum. It is designed for students to be able to identify key Biblical figures, define Biblical vocabulary and trace the thread of covenant making from the creation stories in the Old Testament through its fulfillment in the New Testament. Throughout this study students are encouraged to deepen their relationship with Jesus through personal prayer and Christian living.

113 (CP) Religion II

Level 2

1.00 credit

This second level of religious study encompasses the study and use of Sacred Scriptures. The first semester explores the Hebrew Scriptures with special emphasis on the establishment of the covenant between God and the Chosen People and the development of that covenant through the time of the kings and prophets. The second semester presents an overview of the Christian Scripture. Centering on the person of Jesus as the fulfillment of the covenant begun in the Hebrew Scriptures, students are exposed to the good news of the Gospels and encouraged to develop a personal relationship with Jesus through personal prayer and Christian living.

JUNIOR RELIGION

120 Religion III

Level 1

1.00 credit

This junior course presents an overview of basic concepts in moral theology as well as specific moral issues that present themselves in our culture. Following the Diocesan curriculum, this third level of religious study will examine the moral and social teachings of the Catholic Faith while connecting these teachings to everyday situations. Students also are encouraged to deepen their relationship with Jesus Christ through prayer and living the Christian Faith.

123 (CP) Religion III

Level 2

1.00 credit

This junior course presents an overview of basic concepts in moral theology as well as specific moral issues that students educated in the Catholic Faith should know. Key principles of Catholic social teaching are also examined.

125 (H) Religion III

Honors

1.00 credit

***Prerequisite – (CP) Religion II - 86%**

This junior course is an overview of concepts in morality and looks at specific moral issues that present themselves in our culture. Key principles of Catholic social teaching are examined. At the Honors level students will delve deeper into the official documents of the Church-such as the Catechism of the Catholic Church, Papal Encyclicals, Apostolic Exhortations, writings of the saints, etc. Students will be required to effectively communicate what they have learned through essays and formal/informal oral presentations.

SENIOR RELIGION

130 Religion IV

Level 1

1.00 credit

During the first semester, this class will focus on the main events of the 2000 year history of the Catholic Church. During the second semester, the focus is on developing a better relationship with God as well as gaining a deeper understanding of the different vocations in the Catholic Church.

133 (CP) Religion IV**Level 2****1.00 credit**

This course is an academic level overview of Church History and Vocation. The first semester course begins with Ecclesiology (what is the Church?) and then progresses through the Church's 2000 year history. Students will examine, discuss, and analyze Catholic historical trends, Church Fathers, Saints, heresies, councils and Church documents to gain a broad understanding of how the Holy Spirit has guided the Church in every age. The second semester course challenges the students to live out the universal vocation to holiness in everyday life and examines different Vocations and states in life (Priesthood, Consecrated/Religious Life, Marriage, and single life). Students will be introduced to the "Theology of the Body" by Pope St. John Paul II and will gain a deep understanding of how to be joyful witnesses to God's plan for marriage and consecrated life.

135 (H) Religion IV**Honors****1.00 credit*****Prerequisite – (CP) Religion III -86%**

This course is designed for those who have an interest in learning higher level Theology. The first semester course begins with Ecclesiology (what is the Church?) and then progresses through the Church's 2000 year history. Students will examine, discuss, and analyze Catholic historical trends, Church Fathers, Saints, heresies, councils and Church documents to gain a broad understanding of how the Holy Spirit has guided the Church in every age. The second semester course challenges the students to live out the universal vocation to holiness in everyday life and examines different Vocations and states in life (Priesthood, Consecrated/Religious Life, Marriage, and single life). Students will be introduced to the "Theology of the Body" by Pope St. John Paul II and will gain a deep understanding of how to be joyful witnesses to God's plan for marriage and consecrated life.

INTERNATIONAL STUDENTS**140 Religion I – Catholicism****Level 1****1.00 credit**

This course introduces International students to the beliefs of Catholicism. It is intended to help students learn about God and what Catholics believe about God. Some topics covered in this course include: Monotheism, Creation, the Bible, the Ten Commandments, the teachings of Jesus and the Apostles, the Church, the Sacraments and the basic tenets of the Catholic faith.

Pocket Style Manual: The English Department of Bishop McDevitt High School has adopted *A Pocket Style Manual*, 6th Edition by Diana Hacker as the school-wide style manual. Every student must purchase a copy at the McDevitt Bookstore.

A summer assignment will be required for EACH course. Assignments will be available on-line at www.bishopmcdevitt.org in early June. These assignments will count as major grades for each course.

In order to guide our incoming *freshmen* with their English course selection, we suggest the following: after receiving the results of the HSPT, average the Reading, Verbal and Language components using the National Percentile score.

If the average score is:

70-99 -we suggest you enroll in Humanities I English (H)

30-69 -we suggest you enroll in English I (CP)-- Level 2

1-29 -we suggest you enroll in English I --Level 1

In addition, a writing component will also be administered as part of the HSPT testing.

Note: Prerequisite averages will be strictly adhered to in order for a current McDevitt student to move from one academic level to another.

From Level 1 to Level 2 -	86% average
From Level 2 to ACP -	86% average
From ACP to Honors -	90% average
From Honors to Advanced Placement -	90% average

FRESHMAN ENGLISH

200 English I

Level 1

1.00 credit

***Prerequisite - Score of 1-29 or better on the Reading, Verbal and Language components in HSPT**

This course is designed for students to strengthen comprehension and writing skills. Literary selections focus on a variety of genres of high interest with an emphasis on usage, grammar and vocabulary review. Creative writing is stressed along with a mini introduction to the research process and literary analysis.

203 (CP) English I

Level 2

1.00 credit

***Prerequisite- Score of 30-69 or better on the Reading, Verbal and Language components in HSPT**

This course entails the study of the major genres of literature gleaned from the classics of Western and American culture. The short story, novel, poetry, drama and essay are included, providing an overview of various styles of writing. Composition is emphasized with the introduction of the research paper and explication de texte as well as many creative pieces. Library research skills are included.

205 (H) Humanities English I

Honors

1.00 credit

***Prerequisite- Average of 70 or better on the Reading, Verbal and Language components in HSPT**

This course is the first half of a rigorous course of study. The Humanities program begins with the origins of the universe and ends at the completion of sophomore year with the French Revolution and its ramifications. The major developments of mankind are traced in selected literary works which follow historical trends and reveal major literary disciplines. Writing assignments are frequent, formal and challenging with the expectation that students who enroll in the course already possess a proper sense of style along with a working knowledge of grammar. **Humanities English I must be taken in conjunction with Humanities History I.** Pre-requisite: an average percentile score of 70 or higher in the reading, verbal and language components of the High School Placement Test (HSPT). A letter of enrollment will be sent from the English Department in June that contains instructions for the summer assignment.

SOPHOMORE ENGLISH**210 English II**

Level 1

1.00 credit

This course focuses on the writing process by engaging students in a variety of writing activities including art responses, personal narratives, expository and persuasive writing. Active reading is emphasized through a broad analysis of various literary genres including poetry, short story, novel, and drama. Grammar and vocabulary are reviewed within the study of literature. A shortened version of the research paper as well as the explication de texte are highlighted.

213 (CP) English Literature II**Level 2****1.00 credit***** Prerequisite- English 1 Level 1-86%**

This course includes the study of the major works of English Literature from the Old English period through the 20th Century. The chronological approach will help students understand the development of the English language as well as various literary genres including the epic, short story, legend, novel and drama. Students will improve their composition skills through frequent written assignments. A research paper and an explication de texte are required.

214 (ACP) English II, British Studies English**ACP****1.00 credit***** Prerequisite – (CP) English I -90% average**

British Studies encompasses an ambitious study of early British history and culture through literature. *Beowulf* and *The Canterbury Tales* provide lessons concerning medieval life while the majority of the year focuses on Shakespeare's history plays: *Richard II*, *I Henry IV*, *II Henry IV*, *Henry V* and *Richard III*, to show lessons in political struggle and leadership. It also surveys the difference between true history and fiction. Composition is stressed through a variety of group projects, both research and creative in nature, as well as the explication de texte. Performances and cumulative projects are utilized to enhance the understanding of Shakespeare. **This course is team-taught and must be taken in conjunction with British Studies History.**

215 (H) Humanities English II**Honors****1.00 credit*****Prerequisite: (H) Humanities I English - 90% average**

The Humanities sequence (Humanities I and II, English and History) is a chronological program which coordinates history and literature to build a framework around which religion, philosophy, anthropology, science, art, music, grammar, genre, etc. mesh to reveal the complex nature of humanity. The scope of the program necessitates two academic years, providing a continuity and flexibility which is unique and demanding. Writing assignments are frequent and challenging with an emphasis on group projects, independent studies of literature, and the continued mastery of the research paper and the explication de texte. **This course is taken in conjunction with Humanities History II.**

JUNIOR ENGLISH

220 English III, American Literature Level 1 1.00 credit

This literature course covers the five major genres of literature: Oral Tradition, Drama, Fiction, Poetry, and Non-Fiction. Selections from these genres range from the oral works of early America, the Revolutionary War, American Renaissance and Civil War Eras and ends with a diversity of contemporary works. Students are required to develop skills in reading comprehension, literary analysis, vocabulary, grammar, and essay writing. A review of the research process with a brief research paper and an explication de texte paper are required. Creative writing and projects enhance each student's "American Experience".

223 (CP) English III, American Literature Level 2 1.00 credit

*** Prerequisite - English II Level 1-86%**

This academic class covers the breadth of American Literature. Selections range from the oral works of early America, the Revolutionary War, American Renaissance and Civil War eras and ends with the diversity of contemporary authors. Students develop skills in vocabulary, grammar, literary and critical thinking through close work with the literature. Formal writing and research are emphasized through the explication-de-texte, essay writing and a research paper, as well as through multiple creative assignments. Projects utilize current technology to enhance each student's "American Experience".

224 (ACP) English III, American Literature ACP 1.00 credit

*** Prerequisite - (CP) English II -86%**

This rigorous academic class explores the connection between history and the breadth of American Literature. Students consider essential questions about each time period and then read to discover the answers in literature and in their own lives. The stoic Puritans and the Revolutionists ask us about the price of freedom. The Romantic and Transcendental Movements asks us to consider the importance of the individual. Realism questions what divides a nation, and Regionalism and Naturalism make us wonder about what makes a place unique. The Harlem Renaissance asks what is modern and how can people honor their heritage. Writings and research are emphasized through the explication-de-texte and multiple creative and expository writing assignments. Projects utilize current technology to enhance each student's American Experience.

225 (H) English III, American Literature Honors 1.00 credit

*** Prerequisite - (ACP) British Studies-90%**

This class will explore the development of American Literature throughout its historical context, where the student will see our nation's shifting perspectives and continuing growth. The course begins with the early oral traditions of the Native Americans focusing on the tribes of the Northeast and transition to the early colonialist writings of the European explorers and the Puritans. The course continues through the literature of the Revolution highlighting writings by the founding fathers, and will shift again when American authors will attempt to mimic their new found independence as evidenced by both the Transcendental and Romantic movements. The pangs of the Civil War will be felt through detailed analysis of primary sources as well as by the fictional writings of the Realist and Naturalist authors. The course will culminate with Modern and Post-Modern writers detailing the rich cultural diversity of our American literary identity. A research paper, three explication de texts and various creative assignments are required. Emphasis on the American novel through independent study is included.

SENIOR ENGLISH

230 English IV, World Literature Level 1 1 .00 credit

This literature course explores and celebrates the history and culture of regions from around the globe through the study of a variety of genres. Students will improve their composition and comprehension skills through creative and research-based projects.

233 (CP) English IV, World Literature Level 2 1.00 credit

***Prerequisite - English III Level 1- 86%**

This academic course explores historically significant literature from around the world. The selections focus on the struggles and triumphs of the human condition that unite us all. Ancient to contemporary selections are read and analyzed, and utilized in various writing assignments including the explication de texte. Research assignments include learning the I-Search process. A modern novel rounds out this exciting course.

234 (ACP) English IV, Shakespeare and Modern Drama ACP 1.00 credit

*** Prerequisite – (CP) English – 86%**

This class will explore the history of drama from its beginnings in ancient Greece to the present day. Three plays by William Shakespeare and three by modern dramatists are studied as representative of the major genres of the dramatic form. All elements of drama will be highlighted as well as literary analysis through the explication de texte and the research paper. Shakespeare's plays are studied as "script" as well as "text". Production and performance are additional course activities.

235 (H) English IV, Shakespeare and Modern Drama Honors 1.00 credit

***Prerequisite- (ACP) English III – 86%**

Research and literary analysis are emphasized throughout this in-depth study of the history of drama. Three plays by William Shakespeare and three modern dramatists are analyzed as representative of the major genres of the dramatic form. A mature knowledge of the research/writing process is required as well as the ability to relate various characters, plots, and themes to the timeless circumstances of the human condition. Shakespeare's plays are studied as "script" as well as "text". Production and performances are additional course requirements. **Students may opt to pay for and take the AP English Literature and Composition examination.**

237 (AP) Shakespeare/English Literature and Composition 1.00 credit

*** Prerequisite – (H) English III – 90% - IF YOU DO NOT MEET THE PREREQUISITE, YOU WILL NOT BE ABLE TO OVERRIDE**

Summer Assignment: A poetry literary portfolio and the critical reading of a novel and a dramatic script including the writing of an *explication de texte*

AP English Literature is a specialized course for students who demonstrate an exceptional interest in and commitment to the study of literature. Students will have already developed strong writing and analytical skills. Students consider and explore the structure, meaning and value of each literary work and its relationship to the contemporary experience as well as to the time in which it was written. Shakespeare as well as Modern Drama is studied providing a broad interpretation of literary analysis. AP test genres are reviewed through the written analysis of the *explication de texte*. **Students must pay for and take the AP English Literature and Composition examination.**

ELECTIVES

240 (CP) Composition and Writing Level 2 1.00 credit

**** Seniors Only****

This elective course is designed to build confidence as well as improve writing skills. Both fiction and nonfiction writing styles will be explored and developed using the writing process. A writer's autobiography, the essay, the short story, poetry and satire are a sampling of the genres practiced throughout the course. Students will keep a journal and a portfolio. ***This does not take the place of the sequential English course.***

SOPHOMORE HISTORY

310 Modern World Studies

Level 1

1.00 credit

Modern World Studies is a sophomore history course that is broken into two areas of study. The first area of the course emphasizes the study of geography; the second area of the course focuses on world history, with an emphasis on Europe, from the 18th century on. Some of the geographical topics that will be emphasized will include the five themes of geography, land, climate, vegetation, population and culture. Some of the historical topics will include the French Revolution, Imperialism, and World War I. Modern World Studies is designed for students to be able to identify key concepts, list and define vocabulary, and develop an interest in the content area.

313 (CP) Modern World Studies

Level 2

1.00 credit

Modern World Studies is a sophomore history course that is broken into two areas of study. The first area of the course emphasizes the study of geography; the second area of the course focuses on world history, with an emphasis on Europe, from the 18th century on. Some of the geographical topics that will be emphasized will include the five themes of geography, land, climate, vegetation, population and culture. Some of the historical topics will include the French Revolution, Imperialism, and World War I.

314 (ACP) British Studies History

ACP

1.00 credit

*** Prerequisite- CP World Cultures - 93% and/or Teacher Recommendation**

This team-taught course begins with an analysis of early and medieval English history and progresses into an in-depth, rigorous study of the reigns of English Kings, particularly Richard II through Richard III. Students will read Shakespeare's history plays *Richard II*, *I Henry IV*, *II Henry IV*, *Henry V* and *Richard III* and are expected to be able to distinguish between the actual history of the time period and the dramatic license taken by Shakespeare to enhance the plays. Performances and cumulative projects are utilized to enhance the understanding of Shakespeare and the history. **This course must be taken in conjunction with British Studies English.**

SENIOR HISTORY

330 American History II/Economics

Level 1

1.00 credit

This is a survey course that is designed as a continuation of United States history I. Study begins with Reconstruction and concludes with current day history, politics, and economics. General economic terminology is incorporated into lessons and students should be able to identify key historical data, and compare influential eras at the conclusion of the course. Along with opportunities for independent research throughout the school year, all students enrolled in this course must complete a National History Day project. Periodic due dates will occur throughout the first half of the school year. Please reference www.NHD.org for specific details.

333 (CP) American History II/Economics

Level 2

1.00 credit

This is a survey course that is designed as a continuation of United States history I. Study begins with Reconstruction and concludes with current day history, politics, and economics. General economic terminology is incorporated into lessons and students should be able to identify key historical data, and compare influential eras at the conclusion of the course. Along with opportunities for independent research throughout the school year, all students enrolled in this course must complete a National History Day project. Periodic due dates will occur throughout the first half of the school year. Please reference www.NHD.org for specific details.

American History II/ Economics (college prep) emphasizes the interpretation of primary and secondary documents, promotes the mastery of content information, encourages the writing of critical essays and introduces historiography. Some overall topics included in this course are as follows: Reconstruction, Gilded Age, westward expansion, industrialism, imperialism, world war in the twentieth century, Jazz Age, Great Depression, New Deal, post-Cold War, and the United States at the end of the twentieth century and beginning of the twenty-first. Principles of economics are also incorporated into each chapter.

335 (H) American History II/Economics**Honors****1.00 credit**

***Prerequisite- (H) Amer. Hist I-90%
(CP) Amer. Hist. I -- Teacher Recommendation**

This is a survey course which begins with the Reconstruction Era and ends with current events in U.S. government, economics, society, and culture. At the honors level, American history II/ Economics is presented in more detail than in the college preparatory course and opportunities are provided for greater in-depth, independent student research. Along with opportunities for independent research throughout the school year, all students enrolled in this course must complete a National History Day project. Periodic due dates will occur throughout the first half of the school year. Please reference www.NHD.org for specific details.

American History II/ Economics (honors) emphasizes the interpretation of primary and secondary documents, promotes the mastery of content information, encourages the writing of critical essays and introduces historiography. Some overall topics included in this course are as follows: Reconstruction, Gilded Age, westward expansion, industrialism, imperialism, world war in the twentieth century, Jazz Age, Great Depression, New Deal, post-Cold War, and the United States at the end of the twentieth century and beginning of the twenty-first. Principles of economics are also incorporated into each chapter.

337 (AP) American History II/Economics**AP****1.00 credit**

***Prerequisite - (H) American History - 90% IF YOU DO NOT MEET THE PREREQUISITE, YOU WILL NOT BE ABLE TO OVERRIDE**

This course is designed to provide a college-level experience in United States history for twelfth grade students and prepare them to be successful on the Advanced Placement United States History examination. The class meets five times a week for 41 minutes each day (180 day school year). Due to school district regulations, A.P. U.S. History must be organized as a multi-year course because “Juniors” are required to take U.S. History I (at a variety of levels: level 1, college prep, honors), and “Seniors” are required to take U.S. History II (basic, academic, honors). Twelfth grade students have recently been permitted to enroll in U.S. History II (Advanced Placement). Therefore, many eleventh grade students who have taken U.S. History I at the “honors” level (not A.P.) have opted to continue their study of history at the “A.P.” level during their senior year.

Students may opt to take the Advanced Placement United States History course during their senior year, however, the emphasis of the course focuses mainly from the Civil War to the present. Juniors taking United States History I at the honors level are informed from the beginning of the school year concerning the Advanced Placement option during their Senior year. The teacher of United States History I (honors) also works in conjunction with the teacher of A.P. U.S. History. This approach has allowed students to become more familiar with the breadth of the United States history topics and themes in both United States I and II.

346 (CP) African American Studies

Level 2

1.00 credit

This course is an elective for JUNIORS and SENIORS only and cannot be substituted for American History I or II

This elective history class is open to all levels of Junior or Senior students. It covers the beginnings of African American culture in the United States to the present. It is a survey course designed to highlight the vast accomplishments and the evolution of the African American experience. It is an elective course only and may not be used to supersede any required course of study.

All students-Honors and College Prep Levels.

If your major will be Accounting, Business Administration, Business Management, Marketing or Finance, the following courses are suggested:

Accounting I (H or CP), Accounting I (H), Accounting III (H), Economics, Marketing & Management, Business Law.

If your college major will be Computer Sciences/Computer Technology, the following courses are suggested:

(H) C++ Programming, (H) Visual Basic Programming, (H) Web Design/Dreamweaver, (H) Flash, (AP) Java, (CP) Graphics Design I and (H) Graphics Design II

401 (CP) Windows

Level 2

0.5 credit

***Prerequisite for all technology courses. Required for graduation.**

This course incorporates refresher lessons for those who have had prior touch keyboarding instruction and/or new-keying lessons designed for true beginners. Efficient keystroking is emphasized and practiced. The use of shortcut keystrokes in conjunction with mouse clicks is emphasized to maximize efficiency.

Specific document types—Letters (Personal Business and Business), Memos, Table of Contents, Resumes, Cover Letters, Custom Tab Tables, and Tables creation—are presented and reinforced with an accent on the improvement of proofreading abilities and grammar skills. Document enhancement through formatting techniques is presented and drilled. The creation and manipulation of cells in an Excel workbook is presented with an emphasis on using formulas to create charts & graphs.

Skills taught: Microsoft Basic and Intermediate Word Skills and Basic Excel Skills.

411 (CP) Windows Level II

Level 2

1.00 credit

***Prerequisite – 85% or higher in (CP) Windows I**

This course covers Microsoft Office 2013 and is designed to teach new and experienced user alike how to use the many familiar and new features that come with the suite. Students will create documents, publications, and complete tasks that require the use of a word processor.

Some of the items students will create are newspaper style columns, special table features, templates, brochures, flyers and many advanced features to help make documents look professional. Students will explore how to use Excel to help with simple and complex calculations, create a database in Access and explore ways to make their presentations more interesting for their class or project. They will see that Word, Excel, PowerPoint and Access are separate programs but can also work together to create powerful documents of information. Students will also be introduced to cloud-based programs such as Gmail and Google Drive.

412 (CP) Graphics Design I**Level 2****1.00 credit*****Prerequisite – (CP) Windows I - 85%**

This course introduces students to the design process and the principles of design. Throughout the course the students will recognize that graphic design is everywhere. Emphasis will be placed on problem solving, relating graphic design to communication, and explore options in the graphic design industry. Students will study the principles of design, color theory, and typography. Students will gain basic application skills to use Adobe Illustrator CS6, Photoshop CS6, and InDesign CS6; the leading software programs widely used in the graphic design field.

Throughout the year, the students are expected to master certain graphic skills, create effective visual communications, operate computers, and create professional looking products. A yearlong physical/e-portfolio will be created to showcase what students have accomplished.

Students are not required to be in an art course or to be overly artistic to take this course.

413 (CP) HTML/Dreamweaver**Level 2****1.00 credit*****Prerequisite – 85% or higher in (CP) Windows I**

HTML: In the first half of the year, students will learn the most important topics of HTML, XHTML, and Cascading Style Sheets. First, students will learn to use XHTML to create Web pages and how to create hyperlinks in order to navigate documents on the web. Next, students will learn to use CSS to apply formatting across multiple pages. Students will then go on to explore formatting and layouts, including creating tables, forms, and frames.

DREAMWEAVER: In the second half of the year, students will learn step-by-step instructions and in-depth explanations of the features of Adobe Dreamweaver CS6. Students will first learn how to get started with Dreamweaver and how to create a website and develop a web page. Then, students will work with text, style sheets, images, and links. Next, students will learn to position page content with CSS and tables. Students will then focus on using styles and style sheets for page design and page layout. Next, students will learn about collecting data with forms. Then, students will learn to add content with AP Divs. Last, students will learn about adding media and interactivity with Flash and Spry, and creating and using templates, library items and snippets.

414 (CP) Flash**Level 2****1.00 credit*****Prerequisite – 85% or higher in (CP) Windows I**

In this course, students will learn Adobe Flash CS6 through step-by-step instructions and in-depth explanations. Students will first learn how to get started with Flash, how to draw objects, and how to work with symbols and interactivity. Next, students will focus on creating animations, creating special effects (such as masks, character animation, and 3D), adding video, preparing and publishing Flash applications (for the Web and mobile devices), and importing and modifying graphics. The next part of the course focuses on building complex animations, using ActionScript 3.0, incorporating sound with video, and using ActionScript to enhance the user experience. Next, students will develop applications for smartphones and tablet devices and test these apps using the Mobile Content Simulator. Finally, students will learn how to work with components.

415 (CP) Accounting I (Honors option)**Level 2****1.00 credit****SOPHOMORES, JUNIORS and SENIORS ONLY**

Accounting I offers students the opportunity to learn about the fundamentals of Accounting, beginning with the terminology to “speak” the language of business [Accounting]. Students will handle source documents, journals, ledgers, and financial statements. These basic accounting procedures along with activities presented at the end of each chapter designed to enhance Critical Thinking, Ethics in Action, and Financial Literacy are valuable both personally and in the business arena.

416 (CP) Business Law**Level 2****1.00 credit****SOPHOMORES, JUNIORS and SENIORS ONLY**

This elective college prep course provides an overview of law and how it is applied in the world today. This course will provide a solid foundation for any student interested in going to law school or any student simply wanting to understand more about the laws that we are expected to abide by as a society today. Concepts addressed will include laws & the legal system, business ethics, constitutional rights, court systems, criminal law & procedure, civil law & procedure, contract law, offers & acceptance, genuineness of assent, consideration, legal capacity to contract, sales contracts, property law, agency law, and discrimination in employment. Students will participate in a mock trial and serve as the judge, jury, bailiff, attorneys, and witnesses in a criminal case. The course serves as a good starting point for anyone who is planning a career in law.

421 (H) Visual Basic**Honors****1.00 credit*****Prerequisite – 85% or higher in (CP) Windows I**

Students with no previous programming experience learn how to analyze a problem specification and then plan and create an appropriate computer solution. Pseudocode and flowcharts are used to plan the solution, and desk-check tables are used to verify that the solution is correct before it is coded. Students code the solution using the Visual Basic 2013 language, and then desk-check the code before it is executed. Students learn how to select appropriate test data. Students will have learned how to write Visual Basic statements such as If...Then...Else, Select Case, Do...Loop, and For...Next. Students also will learn how to create and manipulate variables, constants, strings, sequential access files, structures, classes, and arrays. Students will be introduced to OOP concepts and terminology.

422 (CP) Graphics Design II**Level 2****1.00 credit*****Prerequisite – 85% or higher in (CP) Graphics Design I**

This course is a continuation and extension of concepts learned in Graphic Design I. In this course, students will refresh their skills from Graphic Design I and then continue to progress through practical application skills in typology, color, and design principles. They will continue to increase their knowledge and skills in using Adobe Illustrator CS6, Photoshop CS6, and InDesign CS6. Throughout the year, students will be provided several real-world opportunities to create professional looking documents for companies/businesses around the area. A yearlong physical/e-portfolio will be created to showcase what students have accomplished.

Special circumstances can be given for students who exceed the requirements for Graphic Design I.

425 (H) Accounting II**Honors****1.00 credit*****Prerequisite – 85% or higher in Accounting I**

(H) Accounting 2 offers students the opportunity to expand their basic knowledge of accounting in the areas of: Processing and Reporting Departmentalized Accounting Data; Processing Accounting Data for Adjustments and Valuation; and Processing and Analyzing Accounting Data for a Corporation. A greater emphasis on conceptual understanding and financial statement analysis encourages students to apply accounting concepts to real-world situations and develop higher-level thinking skills to make informed business decisions. These higher-level thinking skills improve students' abilities in all areas whether these students pursue Accounting as a career or simply benefit personally from the knowledge gleaned in a course of this nature.

426 (CP) Economics**Level 2****1.00 credit****JUNIORS and SENIORS ONLY**

This elective college prep course provides an overview of economics and how it is applied in the world today. This course will provide a solid foundation for any student planning to take Introduction to Macroeconomics and Introduction to Microeconomics in college. Concepts addressed will include buying and selling stocks, investing, opportunity cost, economic systems, American free enterprise, supply, demand, pricing, market structures, & business organizations. Students will work in groups and compete against one another running their own companies in a simulation of a business market. The course serves as a good starting point for anyone who is planning a career in business.

427 (CP) Marketing and Management**Level 2****1.00 credit****JUNIORS and SENIORS ONLY**

This course is designed to teach students the career planning process from high school to college to securing that first job. Students will then move into learning about the business environment learning about product marketing and corporate management. The 4 P's of marketing are emphasized as the product is traced from producer to consumer. During the marketing phase of the class, students will develop a product, a marketing plan and advertising campaign for that product. Several real-world applications will be provided to students as they go through the marketing process. Students will also learn how to speak and dress in a professional manner.

431 (H) C++ Programming**Honors****1.00 credit****JUNIORS and SENIORS ONLY**

***Prerequisite: 85% or higher in (H) Visual Basic**

Students learn how to plan and create well-structured programs. By the end of this class, students will have created programs and games that can be used outside of school. C++ is a powerful programming language used in the real world to create programs and games. As the chapters progress, students will cover more advanced topics, building on previous material. In each chapter, one or several related topics are covered. Concepts are moved through one step at a time by writing bite-sized, game-related programs to demonstrate each idea. At the end of each chapter, some of the most important concepts are combined in a single game. The last chapter of the book ends with the most ambitious project—one that harnesses all of the major concepts presented throughout the book. In addition to learning about C++ and game programming, students also learn how to organize their work, break down problems into manageable chunks, and refine their code. Students will be challenged at times, but never overwhelmed. In the process, students will create some cool computer games and gain insight into the craft of game programming.

435 (H) Accounting III

Honors

1.00 credit

***Prerequisite: 85% or higher in (H) Accounting II**

Accounting III completes the adjustments and valuation started in Accounting II. Students will learn how to account for notes payable, prepaid expenses, accrued expenses, unearned revenue, accrued revenue, and installment notes receivable. Students then learn how to account for a corporation. Topics include: organizing a corporation, corporate dividends and treasury stock, and accounting for bonds. Students will also learn how to analyze financial reports and how to prepare statements of cash flows for corporations. Students will also learn about management accounting. Topics include: budgetary planning and control, management decision making using cost-volume-profit analysis, job order costing, management decision making using differential analysis, process costing, activity-based costing, and product pricing.

441 (AP) Java Programming

1.00 credit

SENIORS ONLY

***Prerequisite: 85% or higher in C++**

Java Programming is designed to prepare students for the College Board's AP® Computer Science A Exam. The course curriculum covers the topics and activities of a first-year computer science course at the undergraduate level. It is designed to be engaging and motivating for the high school student.

Java Programming is a course designed to awaken and support students' problem solving skills. The course will introduce the Java programming language while emphasizing universal language techniques like syntax, semantics and readability. Students will gain mastery in programming concepts by using a subset of Java features that are covered when needed throughout the course content. This allows the student to understand and master important concepts that will apply to programming problems in many additional languages.

Students in Java Programming will begin by encountering situations that involve solving problems with the use of primitive data types, methods, and control statements. Later, this inquiry will evolve into the use of Object Oriented Programming (OOP), which is today's most common and practical way to develop software.

Throughout the course, students will also grow to understand how computers process information. This understanding will deepen as students apply concepts like string manipulation, the behavior of elements in arrays and lists, and the use of external data to interact with algorithms.

The College Board's AP® Computer Science curriculum presents three hands-on laboratory practice sets that will help students synthesize course concepts. These labs will expand and secure their knowledge of programming and prepare them thoroughly for the AP® Computer Science exam in May.

Students enrolled in Advanced Placement courses are required to take the AP® exam. Exam results will not affect the student's grade. This course has an AP® fee.

In order to guide the course selection of our Incoming Freshman and Upperclassman in selecting the appropriate level Mathematics course please consider a realistic level of difficulty. We offer four levels: Advanced Placement, Honors, College Prep Level 2 and College Prep Level 1. For Upperclassman we look at their previous mathematics averages. If their averages are greater than or equal to 80% that student is correctly placed. If their average is above 70% but less than 80% that student should consider dropping to the next lower level. If a student has an average below 70%, that student MUST be placed at the next lower level. For freshmen we look at the results from the HSPT, and/or 8th grade report card, and teacher recommendation.

70-99	Honors Algebra I recommended.
30-69	(CP) Algebra I Level 2 recommended.
1-29	Algebra I Level 1 recommended.

FRESHMAN MATHEMATICS

500 Algebra I	Level 1	1.00 credit
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***Prerequisite: 1-29 on HSPT**

At this level concepts will be introduced at a gradual pace giving students the opportunity to strengthen fundamental skills and concepts. Students will deepen and extend their understanding of linear and exponential relationships. Students will engage in methods for analyzing, and using functions. Students will work with functions that include linear, exponential and quadratics.

503 (CP) Algebra I	Level 2	1.00 credit
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***Prerequisite: 30-69 or above on HSPT**

At this level it is expected that students will formalize and expand on Algebraic concepts established in previous coursework. Students will deepen and extend their understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students will develop an understanding of using methods for analyzing and using functions. Students will move between multiple representations of functions including linear, exponential and quadratics.

505 (H) Algebra I**Honors****1.00 credit*****Prerequisite: 70 or above on the HSPT**

At this level it is expected that students will formalize and expand on Algebraic concepts established in previous coursework. Students will deepen and extend their understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Problem solving skills will be emphasized. Students will engage in methods for analyzing, and using functions. Students will fluently move between multiple representations of functions including but not limited to linear, exponential and quadratics.

UPPER LEVEL MATHEMATICS**510 Geometry****Level 1****1.00 credit*****Prerequisite: Algebra I Level 1**

The Level 1 Geometry Course emphasizes the real-life applications of geometric concepts. These concepts include parallelism, perpendicularity, congruence, and similarity as applied to points, lines, planes and polygons. Topics also include area and perimeter, circles, three-dimensional shapes, surface area, and volume.

513 (CP) Geometry**Level 2****1.00 credit*****Prerequisite: 80% in (CP) Algebra I**

The Level 2 Geometry Course emphasizes real-life geometric applications in the study of points, lines and planes in space. Deduction, induction, and formal proofs are used to develop the geometric properties as well as similarity and congruence. Topics include angles, triangles, polygons, circles, and arcs.

515 (H) Geometry**Honors****1.00 credit*****Prerequisite: 80% in Honor Algebra I**

The Honor's level Geometry course is designed to introduce students to the concepts and applications of logical thinking and its use as a problem-solving skill, and to explore geometric concepts and theorems through the use of geometric proofs. Topics covered in this course include lines, angles, planes and circles. Additionally, students will be exposed to various real-world applications of select topics covered in this course.

520 Algebra II**Level 1****1.00 credit*****Prerequisite: Algebra I - Level 1 and Geometry - Level 1**

This course is designed to build upon and further develop the concepts taught in Algebra I. Topics covered include solving various types of equations and inequalities, exponents, polynomials, factoring polynomial equations, rational expressions, radicals, quadratic equations, complex numbers, coordinate geometry and systems of equations.

523 (CP) Algebra II**Level 2****1.00 credit*****Prerequisite: 80% in (CP) Algebra I or 95% in Algebra I - Level 1**

This course is an extended study of algebraic concepts, skills and applications of algebra through the development of a mathematical system and the examination of the real and complex numbers. The concept of relations and functions are explored and used to unify the course. It builds upon concepts started in (CP) Algebra I and adds exponential and logarithmic functions as well as more complex graphing.

525 (H) Algebra II**Honors****1.00 credit*****Prerequisite: 80% in Honor Algebra I**

This course is designed to provide the above average student with a strong background in mathematics. Essential concept of the course are developed by means of lecture, problem solving, analysis, and research. The topics presented include linear equations, systems of linear equations, matrices, determinants, quadratic equations, parabolas, functions, powers, roots, radials, inequalities, exponential and logarithmic functions, polynomial and polynomial functions, rational functions, and quadratic relations.

530 Trigonometry**Level 1****1.00 credit*****Prerequisite: 80% in Algebra II – Level 1**

This course is designed to provide the students with an introduction to basic trigonometric concepts and applications by building upon algebraic concepts. Topics include angles and angle relationships, similar triangles, trigonometric functions, right triangles, radian measure, circular functions, graphing trigonometric functions, and trigonometric identities.

531 A Study in Mathematical Concepts**Level 1****1.00 credit**

The purpose of studying Mathematical Concepts is to give students a better foundation not only in the mathematical process, but also in the daily applications of what they have been learning over the last three years. This course is offered as an alternative to students who may not want to take Trigonometry Level 1. This course also offers a basic background on some fundamental math concepts that students will/should encounter in their daily lives, including maintaining and balancing a checkbook, creating a budget and investing and saving for retirement.

533 (CP) Trigonometry/Analytic Geometry**Level 2****1.00 credit**

***Prerequisite: 80% in (CP) Algebra II or passing grade in (H) Algebra II
A scientific calculator (TI 30 or above) is required**

The College Prep Trigonometry/Analytic Geometry course is designed to explore the concepts and applications of trigonometry using the right triangle approach. Topics presented include the fundamentals and applications of right triangle trigonometry with an introduction to the six trigonometric functions, trigonometric functions of general angles, reference angles and radian measure, graphing trigonometric functions, the unit circle, inverse trigonometric functions, trigonometric identities, solving trigonometric equations, solving and finding the area of oblique triangles, graphing and writing equations for parabolas, ellipses, and hyperbolas and exponential and logarithmic functions. Additionally, students will be exposed to various real-world applications of some of the topics covered in this course.

535 (H) Pre-Calculus**Honors****1.00 credit**

***Prerequisite: 80% in Honors Algebra II, 80% in Geometry Honors**

This advanced mathematics course is designed for students with above average mathematical ability and motivation. Pre-Calculus will heavily focus on Trigonometry, Analytical Geometry, Limits, simple derivatives and their applications. Specific areas of study will include but are not exclusively limited to: Solving Polynomial, Rational and Radical equations; Graphing and analyzing Circular Functions; Conic Sections; Inverse Functions, graphing Trigonometric Functions; proving Trigonometry Identities, solving Trigonometric Equations and solving Trigonometric applications problems.

555 (H) Calculus**Honors****1.00 credit**

*** Prerequisite: 80% in Pre-Calculus Honors
A graphing calculator (TI 83 or above) is required.**

This standard one year course in the calculus of one variable develops the topics of functions, limits, differentiation, integration, and special functions. These techniques will be used with respect to polynomials, rational, radical, logarithmic and exponential functions as they apply to Engineering, Physics and business.

557 (AP) Calculus**AP****1.00 credit**

***Prerequisites: : A minimum grade of 93% in Pre-Calculus and a TI-83+ calculator. IF YOU DO NOT MEET THE PREREQUISITES YOU WILL NOT BE PERMITTED TO OVERRIDE**

AP Calculus is a fast pace and rigorous course in the theory and practice of both Differential and Integral Calculus. This course is designed for the students who are highly skilled and motivated to study Mathematics. Every student that registers for this class is required to take the AP Calculus Exam at the end of the year. The course includes a comprehensive study of Limits, theory and practical applications of Derivatives and Integration. This includes Polynomials, Rational, Trigonometric, Logarithmic, and Exponential functions. Areas between curves and Volumes of rotation will be investigated and applied. One term paper is required and to be presented both orally and in written form to the class.

563 (CP) Statistics**Level 2****1.00 credit**

SENIORS AND QUALIFIED JUNIORS ONLY

***Prerequisite: 80% in (H) Algebra II or 90% in (CP) Algebra II or enrollment in Algebra II**

This course is an introduction to statistics and is intended to give students a general background in statistical techniques. The student should understand how statistics are developed and used and should be prepared for college level statistics course. The course will cover data analysis and presentation, linear regression, basic probability, confidence intervals and hypothesis testing.

SENIORS AND QUALIFIED JUNIORS ONLY

***Prerequisite: 80% in (H) Algebra II or 90% in (CP) Algebra II and enrollment in Algebra II**

Honors statistics will offer the student an introductory investigation of statistical methods using the case study format as a major teaching tool. The student will learn the basic techniques of data analysis and presentation, linear regression, probability, confidence intervals and hypothesis testing. The student will then learn to apply these techniques to case studies and learn to interpret the results of their statistical analysis and explain what it means in the case study situation.

SOPHOMORE SCIENCE

610 Chemistry I

Level 1

1.00 credit

***Prerequisite - Algebra I AND Biology I**

This course presents the principles of chemistry and chemical application with minimal mathematics. Topics include the scientific method, properties of matter, the atom, chemical bonding, chemical nomenclature, chemical reactions, solutions, and equilibrium systems. Laboratory experiments support the concepts being studied in class while giving students hands-on practice with lab safety, proper equipment handling, and accurate data collection.

613 (CP) Chemistry I

Level 2

1.00 credit

***Prerequisite- (H) Algebra I 75% or (H) Biology I 75% or
(CP) Algebra I 80% or AND (CP) Biology I 85% or
Algebra I Level 1 95% Biology 90%**

This course presents the principles of chemistry and chemical application with a strong mathematic foundation. Topics include properties of matter, the atom, atomic theory, chemical bonding, chemical nomenclature, chemical reactions, stoichiometry, solutions, and equilibrium systems. Laboratory experiments support the concepts being studied in class while giving students practice with lab safety, proper equipment handling and accurate data collection. Problem-solving techniques are an important part of the course.

615 (H) Chemistry I

Honors

1.00 credit

***Prerequisite- (H) Algebra I 90% or AND (H) Biology I 85% or
(CP) Algebra I 95% (CP) Biology I – 93%**

An accelerated course introducing the topics of Chemistry (behavior of matter, atomic theory, equilibrium, kinetics, energies of reactions, organic nomenclature). There is a definite emphasis on problem solving in each area. Laboratory experiments support concepts being taught.

JUNIOR SCIENCE

620 Earth and Space

Level 1

1.00 credit

***Prerequisites: Biology I AND Chemistry I**

This course is designed to have students interpret and understand the world around them. Students will investigate and study the composition of the Earth and its effects on the Earth's formation, processes, landscapes, and weather patterns. Topics to be covered include, minerals, rocks, Earth's energy source, weather and climate, plate tectonics, earthquakes, and volcanoes. Laboratory experiments support the concepts being studied in class while giving student practice with lab safety and accurate data collection. Problem-solving techniques are an important part of this course.

621 (CP) Chemistry II

Level 2

1.00 credit

***Prerequisite – (H) Biology I – 75% or AND (H) Chemistry I – 75% or
(CP) Biology I – 85% (CP) Chemistry I – 85%**

This course is designed to strengthen student's understanding and skills learned in Chemistry I and includes an introduction to College Chemistry. Topics include an in-depth look at chemical nomenclature, stoichiometry, chemical reactions, thermochemistry, thermodynamics, equilibrium systems, acids and bases, along with electrochemistry and kinetics. A freshman college text is used.

623 (CP) Biology II

Level 2

1.00 credit

***Prerequisite (CP) Biology I 85% or AND (CP) Chemistry- 80% or
Biology I 95% Chemistry- 90%**

Biology II is an extension of Biology I with an emphasis on cellular biology, cellular division and genetics. Other topics include plant biology, evolution, animal behavior and ecology. Class activities, lab exercises, and different projects follow the sequence of lecture to reinforce and clarify topics..

624 (H) Chemistry II

Honors

1.00 credit

***Prerequisite – (H) Biology I – 85% or AND (H) Chemistry I - 85% or
(CP) Biology I – 93% (CP) Chemistry I – 95%**

A course designed to strengthen student's understanding of concepts and skills presented in Chemistry I and includes an introduction to College Chemistry. A freshman college text is used.

625 (H) Biology II**Honors****1.00 credit**

***Prerequisite – (H) Biology I – 90% or (CP) Biology I – 95% AND (H) Chemistry I – 80% or (CP) Chemistry I – 85%**

An advanced course in Biology designed for the student who is interested in studying Biological Sciences at the next level. This course puts emphasis on detailed concepts of cellular biology, cellular division, and genetics. Other topics include plant biology, evolution, animal behavior and ecology. Class activities, lab exercises, and different projects follow the sequence of lecture to reinforce topics.

627 (AP) Chemistry II**AP****1.00 credit**

***Prerequisite- (H) Biology I - 90% AND (H) Chemistry I - 93**
***Co-Requisite: Pre-Calculus**

A course in which the AP Chemistry syllabus is covered. **Students electing this course must take the AP Chemistry exam. IF YOU DO NOT MEET THE PREREQUISITES YOU WILL NOT BE PERMITTED TO OVERRIDE**

629 (AP) Biology II**AP****1.00 credit**

***Prerequisite- (H) Biology I –93% or (CP) Biology I - 95% AND (H) Chemistry I – 90% or (CP) Chemistry I – 95%**

A course designed for students who have a strong interest in biological sciences and are capable of college level work. The course emphasizes the study of monerans and protist, cellular structure and processes, and microbiology. **Students electing this course must take the AP Biology Exam. IF YOU DO NOT MEET THE PREREQUISITES YOU WILL NOT BE PERMITTED TO OVERRIDE.**

SENIOR SCIENCE**633 (CP) Physics****Level 2****1.00 credit**

***Prerequisite-(CP) Biology I 80% or Biology I 95% AND (CP) Chemistry I 80% or Chemistry I 95%**

Co-Requisite: Trigonometry

This course presents a limited mathematical approach to the traditional physics topics of mechanics, electricity, waves, and light. It is intended for students that wish to learn the content of physics but lack the mathematical background for (H) Physics.

FRESHMAN LANGUAGE

700 Spanish I

Level 1

1.00 credit

This language class is designed for those students who are brand new to foreign language learning. Cultural customs for Spanish speaking countries are explored and developed. Emphasis is on the four basic communication skills of a language: listening, reading, writing and speaking. There is more of a holistic approach to language learning without an extensive breakdown of grammatical concepts. This section of Spanish covers the same topics as 703 and 705 Spanish I, but with varying degrees of differentiated instruction and assessment.

This course will start using the Aventura Series, Level 1 with an added focus on TPRS curriculum (Teaching Proficiency through Reading and Storytelling).

703 (CP) Spanish I

Level 2

1.00 credit

This language class is designed for those students who are new to foreign language learning. Cultural customs of Spanish speaking countries are explored and developed. Emphasis is on the four basic communication skills of a language: listening, reading, writing, and speaking. Sentence syntax and grammar are explored in this level of Spanish. This section of Spanish covers the same topics as 700 and 705 Spanish I but with varying degrees of differentiated instruction and assessments.

This course will complete Chapters 1-5 of the Aventura Series, Level I textbook.

705 (H) Spanish I

Honors

1.00 credit

This language class is designed for those students who are new to foreign language learning. Cultural customs of Spanish speaking countries are explored and developed. Emphasis is on the four basic communication skills of a language: listening, reading, writing, and speaking. Sentence syntax and grammar are explored in this level of Spanish. This section of Spanish covers the same topics as 700 and 703 Spanish I but at greater depth and with progress evaluated by more challenging assessments than the CP section.

This course will complete Chapters 1-5 of the Aventura Series, Level I textbook.

706 (CP) Latin I

Level 2

1.00 credit

Latin didn't fall with Rome! This course presents Latin and its myriad of impacts on our language and Western civilization. By providing an introduction to Latin grammar and syntax within a meaningful context of classical culture, this integrated word study program enriches the students' English vocabulary and grammar skills. Students are also immersed in Roman culture through readings on mythology, architecture, military and history, as well as traditions of the Church by studying original Latin prayers.

708 (H) French I	Honors	1.00 credit
709 (CP) French I	CP	1.00 credit

French I is an introductory course of a four-year sequence providing for the development of the four language skills: listening, speaking, reading and writing. A good English background is helpful.

SOPHOMORE LANGUAGE

710 Spanish II	Level 1	1.00 credit
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This language class is designed for those students who took Spanish 700 I the previous year. Cultural customs of Spanish speaking countries are further explored and developed, as well the four communication skills of a language: listening, reading, writing, and speaking. The holistic approach of this section of Spanish moves at a less accelerated pace and does not test the fundamentals of grammar. Because this class is designed for students who had not previously studied a language, there is an extensive review during the first quarter of the year to ensure that 700 Spanish Level I concepts are retained and mastered.

This course will finish using the Aventura Series, Level 1 textbook and begin Aventura, Level 2. Students who wish to continue foreign language learning after completing 710 Spanish II can move up to 723 Spanish III CP with a teacher recommendation.

713 (CP) Spanish II	Level 2	1.00 credit
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***Prerequisite - (CP) Spanish I – 77%**

This language class is designed for those students who have completed and passed Spanish I (700, 703, or 705) and are continuing their foreign language learning. Cultural customs of Spanish speaking countries are further explored and developed, as well the four communication skills of a language: listening, reading, writing, and speaking. Sentence syntax and grammar are strengthened in this level of Spanish. The CP section covers the same topics as 710 and 715 Spanish II but with varying degrees of differentiated instruction and assessments.

This course will finish using the Aventura Series, Level 1, chapters 6-10, and start Aventura, Level 2, chapters 1-2.

725 (H) Spanish III **Honors** **1.00 credit**

***Prerequisite – (H) Spanish II - 85%**

Spanish III is a communicative language course. The course emphasizes meaning and incorporates acting, reading and writing. Students learn to orally retell and write stories. Units of vocabulary are alternated with studies of various Spanish-speaking countries, their histories, and their cultures.

726 (H) Latin III **Honors** **1.00 credit**

This course completes the rules of Latin grammar. Readings include Greek myths, Caesar's *Gallic War*, 1st century poets, prayers of the liturgy, and selections from the gospels. Students present projects on Roman writers and the basilicas of Rome.

****This course offering is based on teacher availability. It is not guaranteed that Latin III will be available. ****

729 (H) French III **Honors** **1.00 credit**

***Prerequisite – (H) French II – 80%**

French III involves the study of advanced vocabulary and grammar, plus additional cultural studies. Greater emphasis is placed on writing and speaking. **A major project is required. A student must have a strong background in French II to continue to French III.**

SENIOR LANGUAGE

735 (H) Spanish IV **Honors** **1.00 credit**

***Prerequisite – (H) Spanish III – 85%
(CP) Spanish III – 93%**

Spanish IV Honors focuses heavily on communication, both written and spoken. Students participate actively in skits as well as class stories. Each unit of vocabulary includes a speaking test. Units focusing on Spanish and Latino culture alternate with units emphasizing vocabulary enhancement. During the spring semester, the Spanish classic *Don Quijote* (abridged) is studied. Grammatically, students work to master the subjunctive tense. Students must have at least an 85% in Spanish III Honors, or at least a 93% in (CP) Spanish III (with language department approval), in order to take Spanish IV Honors.

736 (H) Latin IV**Honors****1.00 credit**

The final course highlights Latin literature of various genres (history, poetry, philosophy, theology) from across the centuries. Learn wisdom from Cicero and Virgil, Augustine and Aquinas, Vatican II and recent popes by studying their original texts. Usque ad Parnassum!

****This course offering is based on teacher availability. It is not guaranteed that Latin IV will be available. ****

739 (H) French IV**Honors****1.00 credit**

***Prerequisite – (H) French III – 85%**

French IV is a continuation of more advanced grammar, vocabulary, and cultural and literary readings, with more emphasis on speaking and writing. **A major project written and presented in class is required. A student must be strong in French III before considering French IV.**

*****Home Economics*****

756 (CP) Foods/Nutrition

Level 2

1.00 credit

****Grades 11 & 12 Only****

Note: This course receives a letter grade and does not count toward your GPA.

If you enjoy the television cooking network, this class is for you! This practical cooking course is offered to juniors and seniors only. Basic techniques of kitchen safety, sanitation and food preparation are applied as the students plan and execute the preparation of meals. In addition, students will learn various life skills such as: nutrition, table etiquette, recipe skills, measuring, shopping skills, the use of large and small appliances, preparing party and picnic foods, laundry, meal planning and budgeting. There is a class trip to Roots Farmers Market, an outdoor picnic, and in-class cooking demonstrations which include apple dumplings, fondue, Stromboli and sushi-rolling to name a few. The food samples are an added bonus! **Lab fee: \$100.00 due in September.**

*****Music*****

900 (CP) Marching Band

.50 credit

Note: This course receives a letter grade and does not count toward your GPA

A group oriented course emphasizing marching and playing skills throughout the year. The majority of the course work for the band occurs during the fall of the year in the form of band competitions and football games. The group also participates in public events throughout the year. Course work begins over the summer and includes required out-of-school rehearsals. The marching band is held to a high standard of conduct and discipline as it represents our school at many public functions.

901 (CP) Concert Band

1.00 credit

Note: This course receives a letter grade and does not count toward your GPA.

The concert band is open to any wind or percussion player interested in instrumental music. This group's primary focus is symphonic literature throughout the school year while working on proper playing techniques and musicality. It is highly recommended that students are able to play at least an eighth grade level if they are considering this course. There are multiple mandatory performances throughout the year.

905 (H) Wind Ensemble**Honors****1.00 credit****Membership in Wind Ensemble is through audition only.**

Advanced concert band (music grades 4, 5 and 6) and chamber music literature is performed in a four-concert cycle per year. Literature is composed by leading band composers and arrangers from the mid-nineteenth century to the present day. Admittance to the ensemble is by audition only and therefore mature musicianship is required to participate in the course. An emphasis will be placed on advanced techniques for each respective instrument. In addition to performances, students will be expected to complete repertoire tests, scale pattern tests and historical context quizzes.

910 (CP) Choir**Level 2****1.00 credit****Note: This course receives a letter grade and does not count toward your GPA.**

Choir is available to any student who expresses the desire to sing and possess the basic essential skills to be successful. Students will study the music for theoretical, historical and performance practice understanding. Also incorporated in the curriculum is solfeggio, rhythmic dictation, and intervallic awareness. Special emphasis is stressed upon each section to be able to sing independently of the other voices and to ensure proper balance throughout the entire choir. According to our basic music philosophy, an attitude has been developed which ensures singers of all skill levels a chance to share educational, as well as performance oriented choral experiences.

915 (H) Chorale**Honors****1.00 credit****Membership in the McDevitt Chorale is through audition only.**

The Bishop McDevitt Chorale is a group of vocalists whose members are chosen by audition from students enrolled in the Bishop McDevitt High School Choir. The group specializes in a cappella literature spanning all periods of music history. Special attention is given to the rudiments of correct singing, sight-reading skills, and music theory. In addition to school concerts, this group frequently performs throughout the community. The students will be encouraged to participate in honor choirs and solo performances. This group requires a significant time commitment and dedication to working outside the classroom. Auditions occur in the spring to form the following year's ensemble. Freshmen may be admitted in the fall based on skill and proficiency.

920 (CP) Introduction to Piano Level 2 .50 credit

This course is designed for students who wish to develop basic piano playing skills. Time in class will be spent both on and off the keyboards. While playing, students will be working individually and in small groups to master the techniques of playing and to learn pieces. There will also be time spent in group instruction on musical notation and theory. This is a beginner's course. No playing experience is necessary. This course meets every other day and can be taken concurrently with Introduction to Guitar.

921 (CP) Introduction to Guitar Level 2 .50 credit

This course is designed for students who wish to develop basic guitar skills. There will be both a playing and written component to this course. Playing skills that will be covered are: basic chords, reading and playing tablature, barre chords, reading and playing standard notation, and basic fingerpicking technique. In addition to individual playing, students will gain proficiency at group playing. This is meant as an introductory course. No playing experience is necessary. This course meets every other day and can be taken concurrently with Introduction to Piano.

930 (CP) Introduction to Music Theory I Level 2 1.00 credit

Students will learn the fundamentals of music theory through the study of all major and minor scales, chords, and their inversions, sight singing and melodic/rhythmic dictation. **A placement test is required prior to enrolling in this class. Contact the Music Department. You must be in 10-12 grade in order to take this course.**

931 (CP) Music Theory II Level 2 1.00 credit

Prerequisite: Music Theory I

Students with the intention of pursuing a career in music are strongly encouraged to take Music Theory II. College level four part writing, advanced chord study, sight singing, melodic, harmonic and rhythmic dictation are taught in addition to an understanding of musical terminology and music history as it relates to music theory. **A placement test is required prior to enrolling in this class. Contact the Music Department. You must be in 10-12 grade in order to take this course.**

932 (CP) Music Theory III Level 2 1.00 credit

Prerequisite: Music Theory II

The study of musical form and analysis, conducting, sight singing (advanced intervals) and advanced ear training are taught and reinforced through music composition. **A placement test is required prior to enrolling in this class. Contact the Music Department. You must be in 10-12 grade in order to take this course.**

*******Art*******

951 (CP) Art I **1.00 credit**

Note: This course receives a letter grade and does not count toward your GPA.

This art experience is a combined lecture and studio class. The course is designed to give the interested student basic instruction in art and craft activities. The student will be exposed to the art elements of line, form, color, principles of design, the nature and purpose of design and aesthetics (the student's response to art). **Studio Fee \$35.00**

952 (CP) Art II **1.00 credit**

Note: This course receives a letter grade and does not count toward your GPA.

Art II experiences should enrich and extend to all those who have participated in Art I. The student will experience enlargements of primary learning activities in Art I. The student is encouraged to develop more subtle complexity and control in handling different painting media such as ink, watercolor and acrylics. **Studio Fee \$35.00**

953 (CP) Art III **1.00 credit**

***Prerequisite – 90% or higher in Art II**

Note: This course receives a letter grade and does not count toward your GPA.

Consideration will be given to previous learning experiences in ideas, media and technique. Emphasis will be placed on graphic art and design applications. Along with advanced studies in drawing, painting and sculpture, the students will be introduced to pottery and airbrush drawing techniques. **Studio Fee: \$35.00**

955 (H) Art Portfolio **Honors** **1.00 credit**

***Prerequisite – 93% or higher in Art III**

This discipline is designed specifically to give additional help to those students who want to apply for admission to a college, university, or an art school. Art portfolio experiences are extended to students who were enrolled in previous sequential art programs beginning with Art I and extending through Art III. **Studio Fee: \$35.00**

956 (H) Drawing as Structure & Vision **Honors** **1.00 credit**
SENIORS ONLY

***Prerequisite: 93% or above in Art III & Art Portfolio**

Drawing is the result from the direct connection between eye, mind and hand coordination. Course work emphasizes direct visual experiences, making lines and formulating judgments. Some of the concepts covered in this course are centered on elements of form, the experience of space, value, light and form, color shade, ideas and

response, composition and expression, linear perspective and basic human anatomy.
Studio Fee: \$35.00

*******Physical Education*******

990 Physical Education

.05 credit

Note: This course does not count toward your GPA.

**** Graduation requirement****

The physical education department offers elective courses with the primary objective promoting lifetime activities and concerns itself with the total health of the student.

992 Wellness and Life Management

.05 credit

**** Graduation requirement****

This semester-long course focuses on the total health and wellness of the student and also teaches basic life management skills. Health topics include food, nutrition and proper food storage. Physical Health topics include exercise, addiction and basic First Aid.

Life Management topics include career preparation, economics, including banking, bill paying and budgeting, and relationships with topics ranging from conflict resolution to grief management.

EVERY SOPHOMORE AND INCOMING FRESHMAN IS REQUIRED TO TAKE HEALTH AT SOME POINT DURING THEIR FOUR YEAR MATRICULATION.

