



**Bishop McDevitt High School**  
**Course Selection Book**  
**2019-2020**  
**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.

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

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	1/2 credit
Phys. Ed	1 credit (Note: 1/4 credit of Phys-Ed is required each year)
Wellness/Health	1/4 credit
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.

**All FRESHMAN MUST enroll in Windows.**

**All SENIORS must enroll in Wellness and Life Management for the 2019/2020 school year.**

## 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 do not need choose 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 a selected course cannot be scheduled, you will be notified by the administration.

Sophomore, Junior and Senior classes will register for courses online.

**Students who do not complete their course selection by the due date will have their courses selected by the administration.**

## **IMPORTANT NOTE TO ATHLETES:**

The clearing house requires you have 16 approved credits. Please note that Religion, Business, Home Economics, Music, minor courses and any level 1 classes cannot be used in this total. **Classes not approved by the NCAA will be marked as such in the catalog.**

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)

**IT IS IMPORTANT THAT ALL ATHLETES MEET WITH THEIR  
GUIDANCE COUNSELORS REGULARLY TO MAKE SURE THEY ARE  
IN COMPLIANCE WITH ALL OF THE NCAA REGULATIONS.**

**\*\*\*\*\*Religion\*\*\*\*\***

***PLEASE NOTE: THE NCAA DOES NOT ACCEPT ANY  
RELIGION CLASSES***

**FRESHMAN RELIGION**

**100 Religion I                      Level I                      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: Revelation, The Holy Trinity, Christology, the Blessed Virgin Mary, the Church and Sacraments, 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 II                      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, celebration of the liturgical year, human sexuality, the practice of prayer, the customs of the Church, the lives of the saints, and development of spirituality. Students are led to better understand Jesus Christ, 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 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.

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

This course is an 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 had 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 also be introduced to the "Theology of the Body" by Pope St. John Paul II.

### **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.





## **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". **(NOT APPROVED BY THE NCAA)**

### **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 through a thematic approach, by employing such American themes as rugged individualism, freedom, liberty and the American dream. The course will begin with an in-depth study of rhetorical analysis where the students will gain insight into how language is used to form arguments, to sway an audience, and for varied purpose and occasion. The SOAPStone method of rhetorical analysis will be utilized to form the class's foundation of study. Authors' use of language and writing styles will be considered closely, as students are required to identify varied rhetorical techniques. The course's thematic approach will showcase the literature, not only through its historical context, but also as a part of America's growing perspective and identity. Students will compare these shifting perspectives through written analysis, debate, visual presentations, and group presentations. A research paper, explication de textes, and various writing and 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. **(NOT APPROVED BY THE NCAA)**

### **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 AP 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**

**243 (CP) Yearbook Level 2 1.00 credit**

**\*\*Sophomores, Juniors and Seniors only\*\***

This is the introductory course for yearbook class. This class is offered to students in 10th, 11th, and 12th grade and requires the approval of the course teacher. You must sign up for yearbook in 10th or 11th grade; 12th grade students are not permitted to join just for their senior year. The basics of photography, editing, and writing copy stories are covered throughout this course. The following area will be explored: time management, marketing, teamwork, and design principles. This class follows the Balfour Yearbook Curriculum and includes various written assessments, oral and written research reports, reading assignments and project pages for the production of the yearbook. Students in Yearbook and Digital Media publishing also learn how to navigate Google Drive, Google Classroom, and create a virtual copy of the yearbook to be shared with the student body. *Yearbook class/Pridwen is also the sole producer of MCD news and focuses on digital media, news reporting, and making short videos for graded assignments.* This class meets four out of six days on the rotation schedule.

## \*\*\*\*\*Social Studies\*\*\*\*\*

**Incoming freshman should consult placement test results to select the proper course level.**  
***EVERY STUDENT IS REQUIRED TO COMPLETE A NATIONAL HISTORY DAY (NHD) PROJECT EVERY YEAR.***

### **FRESHMAN HISTORY**

#### **300 World History and Culture      Level 1      1.00 credit**

The scope of this global approach to learning world history spans the development of the ancient civilizations to the Renaissance. The content, concepts and supportive skills direct and reinforce a firm foundation for historical thinking. Geography and historical thinking skills are stressed and research skills are developed. **(NOT APPROVED BY THE NCAA)**

#### **303 (CP) World History and Culture      Level 2      1.00 credit**

This course highlights the world's great civilizations from ancient times to the Renaissance. The main objective of this course is to investigate how the geographic, economic, political, and cultural factors have shaped and affected modern nations.

#### **305 (H) Humanities History I Honors 1.00 credit**

**(Must be taken in conjunction with Humanities English I)**

This course is the first half of a sequential Humanities program beginning with creative and human evolution and concluding at the end of the sophomore year, with the French Revolution and its ramifications. The historical framework coordinates with the literature and includes aspects of philosophy, religion, anthropology, science and art.

### **SOPHOMORE HISTORY**

#### **310 Modern World Studies      Level 1      1.00 credit**

Modern World Studies 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 to the present. 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. **(NOT APPROVED BY THE NCAA)**

### **313 (CP) Modern World Studies    Level 2    1.00 credit**

Modern World Studies 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 to the present. 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.

### **315 (H) Humanities History II    Honors    1.00 credit**

**(Must be taken in conjunction with Humanities English II)**

**\*Prerequisite- Humanities History I**

This course is the second half of a team-taught chronological program of study. The content of this sophomore honors history course commences with the review of the middle ages' history and systems and ends with the Napoleonic Era. The Humanities sequence (Humanities I and II, History and English) is an historical and literary anthology in which man, his nature, his relationship to God, his relation to men and things which make up his existence and environs is examined. A chronological structure coordinates the 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 mankind.

## **JUNIOR HISTORY**

### **320 American History I/Government    Level 1    1.00 credit**

This course examines the major turning points in early American history beginning with the arrival of Europeans to North America and the subsequent development into English colonies into the United States of America. The study then traces the history and government of the United States to the assassination of President Lincoln. American government terminology is incorporated into lessons. **(NOT APPROVED BY THE NCAA)**

### **323 (CP) American History I/Government      Level 2      1.00 credit**

This is a survey course in American history and government. Study begins with the incorporation of cultures from Europe and Africa into North America and ends with the assassination of President Lincoln. The course is designed for students to be able to identify key historical figures, analyze historical data, and compare influential eras.

### **325 (H) American History I/Government Honors      1.00 credit**

**\*Prerequisite- (ACP) British Studies – 80% or (CP) Modern World Studies – 90% or teacher recommendation**

This course examines the major turning points in early American history beginning with the arrival of Europeans to North America and the subsequent development into English colonies and then into the United States of America. It traces the history and government of the United States to the assassination of President Lincoln. American government terminology is incorporated into lessons.

The curriculum is rigorous and demands that students investigate historical topics in great depth and participate in several research projects.

## **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. **(NOT APPROVED BY THE NCAA)**

### **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](http://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- (CP) American History I – 90% or 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](http://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 I - 90% (If the prerequisite is not satisfactorily met, then overriding into this course is not an option.)**

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.

## **ELECTIVES**

### **343 (CP) Introduction to Sociology Level 2 1.00 credit**

**This course is an elective for seniors only and cannot be substituted for American History II**

**\*Prerequisite- (CP) American History I - 85%**

This course is presented in two semesters. A study of basic sociological concepts, principles, and methods are investigated. The course provides students the opportunity to think like sociologists, to develop a sociological imagination, and to understand and appreciate the diversity in American social life.

Sociology is intended to give students a broad picture of the field with an emphasis on preparation for college and critical thinking. The course promotes a set of intellectual tools with which to more accurately understand the society in which one lives. Participation, discussion, and feedback are essential for success in this class. Group activities and out-of-class work are heavily emphasized.

### **345 (H) Psychology Honors 1.00 credit**

**This course is an elective for seniors only and cannot be substituted for American History II**

**\*Prerequisite- (CP) American History I - 85%**

Psychology is the systematic study of individual human behavior and experience. The purpose of this course is to introduce the student to the content, terminology, methodology, and application of the discipline. This survey course contains an introduction followed by four units based on the physiological, cognitive, behavioral, and affective domains of psychology. This elective course stresses the application of academic content to the student's life.

Psychology introduces students to the scientific study of behavior and mental processes. Students will learn about approaches to psychology, the life span, and the workings of mind and body, and personality, individuality, adjustment and breakdown, and social psychology. Students will be able to use this information to gain insight into one's life and the lives of those around you. Each week, students will be required to read online materials along with excerpts from the textbook, and complete homework assignments.

Psychology is designed as a general introduction to psychology. Some of the topics included are the history of psychology, the physiological basis of behavior, perception, learning, memory, intelligence, developmental psychology, personality, abnormal behavior and treatment and social psychology.

### **348 (CP) American Diversity Studies      Level 2      1.00 credit**

**This course is an elective for juniors and seniors only and cannot be substituted for either American History I/ Government or American History II/ Economics**

This elective history class is open to all levels of Junior or Senior students. A survey course, the broad scope of topics will center upon and highlight the struggles and accomplishments of those groups that have been marginalized throughout American history and society. This includes but is not limited to women, Native-, African-, Jewish-, Irish-, Asian-, Italian-, Polish-, Slavic-, Latino- and Hispanic-Americans. Of particular interest will be significant efforts made by each group to gain equal treatment in the United States, as well as legislative and judicial landmarks. Contemporary and historic issues regarding immigration, citizenship, and minority rights will be discussed, and students will engage in personal genealogical research. This is an elective course only and may not be used to supersede any required course of study.

### **349 AP United States Government and Politics    AP    1.00 credit**

**\*Prerequisite - (H) Humanities II or (H) American History I - 90%(If the prerequisite is not satisfactorily met, then overriding into this course is not an option.)**

**This course is an elective for juniors and seniors only and cannot be substituted for either American History I/ Government or American History II/ Economics**

This course is designed to provide a college-level, nonpartisan experience in United States government and politics for twelfth grade students and prepare them to be successful on the Advanced Placement United States Government examination. Meeting five times a week for 40 minutes, this course will introduce students to “key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States.” Students will engage key political and governmental documents and Supreme Court decisions to better understand “the relationships and interactions among political institutions, processes, and behavior.” Students will also be required to engage in specific practices unique to study of government, including data interpretation and the development of evidence-based arguments. A political science research project or applied civics project will also be a required component of this course.

## **\*\*\*\*\* Business and Technology Department \*\*\*\*\***

### **PLEASE NOTE: THE NCAA DOES NOT ACCEPT ANY BUSINESS/TECHNOLOGY CLASSES**

#### **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) Computer Programming I,(H) Computer Programming II, (H) Video Game Design, (AP) Web Design/Dreamweaver, (AP) Flash, (AP) Computer Programming III, (CP) Graphics Design I and (H) Graphics Design II.

#### **402 (CP) Windows I    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.

Students will be introduced to cloud-based programs, such as Gmail and Google Drive. Students will be exposed to the elements of digital citizenship and the expectations of them in an increasingly technology-based society.

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

## **411 (CP) Windows 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 go further in depth in 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.

**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 and the legal system, business ethics, constitutional rights, court systems, criminal law and procedure, civil law and procedure, contract law, offers and 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.

**417 (H) Accounting I    Honors    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.

## **418 (H) Video Game Design Honors 1.00 credit**

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

The video game design course provides an opportunity for students to immerse themselves in the world of video game design and development. Students will explore conceptual and technical aspects of contemporary video game creation using Unity software, a robust and highly respected industry game development platform. This curriculum stems from the Unity Curricular Frameworks, and includes three larger modules focused on game design theory, the major aspects of game creation including programming, art, production and design, and exploration of the conceptual and technical implementation of elements within those domains.

In the first module, students will begin by exploring the critical thinking behind game design theory, story and game creation, and develop their own unique non-digital game. In the second module, students will focus on key aspects of video game design, writing and implementing code in the Unity editor and implementing elements of art and production, as they use basic features to create an initial game in Unity. In the final module, students will explore advanced constructs of game development such as level design, cameras, lighting, and audio, as they complete a capstone video game project. Students will then peer review video games created by their classmates, and use the iterative process to reflect on feedback provided on their own game and revise.

Over the course of the year, students will be engaging in discussions around current trends in the game industry and the future of the field. There will be a strong focus on project management for technical projects such as video game creation. This course will require accurate and thorough documentation, including game design documents and a game developer's journal, as well as clear and consistent communication with classmates.

Prerequisites:

This course is an introductory level class on video game design and creation that does not require previous background in computer programming.

## **421 (H) Computer Programming I 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 typography, 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.

**425 (H) Accounting II                      Honors                      1.00 credit**

**\*Prerequisite – 85% or higher in Accounting I**

Accounting II 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, and 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) Computer Programming II                      Honors                      1.00 credit**

**JUNIORS and SENIORS ONLY**

**\*Prerequisite: 85% or higher in (H) Computer Programming I**

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.

**432(H) Robotics I    Honors                      1.00 credit**

**JUNIORS and SENIORS ONLY**

**\*Prerequisite: 85% of higher in (CP) Windows I**

Robotics is designed to teach core computer programming logic and reasoning skills, engineering, and engineering problem solving using a robotics context. The course is built around the concept of STEM education: science, technology, engineering and mathematics. Students will be given introductions to VEX EDR and Autodesk® Inventor® while learning key STEM principles through a process that captures the excitement and engagement of robotics competition. In Unit 5 students will be presented with an engineering challenge; they will need to build a robot to play a sport-like game. After this, the rest of the curriculum walks students through the design of their robot while presenting them with relevant STEM and Robotics principles. At the end of the course, students compete head-to-head with their robots.

Once the robot is built, it can move around and avoid obstacles on its own, follow a line on the ground, move objects through an obstacle course or just accept commands from the supplied IR remote controller. Students can control the robots wirelessly. There is no limit to what students can do; add more parts, add another robot to play games; or program your own actions. This course is designed to inspire the next generation of engineers.

### **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) Computer Programming III                      AP                      1.00 credit**

#### **SENIORS ONLY**

**\*Prerequisite: 85% or higher in Computer Programming II**

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.

## \*\*\*\*\*Mathematics\*\*\*\*\*

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. Incoming freshman should consult placement test results to select the proper course level.

### FRESHMAN MATHEMATICS

#### **500 Algebra I      Level 1      1.00 credit**

**\*Prerequisite: Below a 2600 on HSPT**

**A scientific calculator (TI 30 or above) is required**

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. **(NOT APPROVED BY THE NCAA)**

#### **503 (CP) Algebra I      Level 2      1.00 credit**

**\*Prerequisite: 2601 - 2899 on HSPT**

**A scientific calculator (TI 30 or above) is required**

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: 2900 or above on the HSPT**

**A scientific calculator (TI 30 or above) is required**

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

### **511 Algebra II                      Level 1                      1.00 credit**

**\*Prerequisite: Algebra I - Level 1**

**A scientific calculator (TI 30 or above) is required**

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. **(NOT APPROVED BY THE NCAA)**

### **514 (CP) Algebra II                      Level 2                      1.00 credit**

**\*Prerequisite: 80% in (CP) Algebra I or 95% in Algebra I - Level 1**

**A scientific calculator (TI 30 or above) is required**

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.

### **516 (H) Algebra II                      Honors                      1.00 credit**

**\*Prerequisite: 80% in (H) Algebra I or 95% in (CP) Algebra I**

**A scientific calculator (TI 30 or above) is required**

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.

### **521 Geometry                      Level 1                      1.00 credit**

**\*Prerequisite: Algebra II Level 1**

**A scientific calculator (TI 30 or above) is required**

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. **(NOT APPROVED BY THE NCAA)**

**524 (CP) Geometry                      Level 2            1.00 credit**

**\*Prerequisite: 80% in (CP) Algebra II**

**A scientific calculator (TI 30 or above) is required**

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.

**526 (H) Geometry                      Honors            1.00 credit**

**\*Prerequisite: 80% in (H) Algebra I and (H) Algebra II or enrollment in (H) Algebra II with a 90% in (H) Algebra I**

**A scientific calculator (TI 30 or above) is required**

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.

**530 Trigonometry                      Level 1            1.00 credit**

**\*Prerequisite: 80% in Geometry – Level 1**

**A scientific calculator (TI 30 or above) is required**

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, trigonometric functions, right triangles, radian measure, circular functions, graphing trigonometric functions, trigonometric identities, and solving basic trigonometric equations. **(NOT APPROVED BY THE NCAA)**

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

**\*Prerequisite: Geometry – Level 1**

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. **(NOT APPROVED BY THE NCAA)**

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

**\*Prerequisite: 80% in (CP) Geometry or passing grade in (H) Geometry**

**A scientific calculator (TI 30 or above) is required.**

The 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.

**534 (CP) Pre-Calculus                      Level 2      1.00 credit**

**\*Prerequisite: 93% in both CP Algebra II and CP Geometry**

**A graphing calculator (TI 83 or above) is required.**

This course is intended for students who wish to continue a college prep math curriculum beyond Algebra 2 and subsequently take a calculus course. Pre-Calculus will focus on the following topics: a review of linear and quadratic functions, polynomial functions and their inverses, exponential and logarithmic functions, rational and radical functions, trigonometry with a concentration on radian measure, graphing trigonometric functions, proving trigonometric identities, solving trigonometric equations and solving trigonometric applications problems, analytic geometry, and limits.

**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 Trigonometric 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 84 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 Honors.**

**IF YOU DO NOT MEET THE PREREQUISITES YOU WILL NOT BE PERMITTED TO OVERRIDE**

**A graphing calculator (TI 84 or above) is required.**

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 who 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.

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

**SENIORS AND QUALIFIED JUNIORS ONLY**

**\*Prerequisite: Passing grade in (CP) Algebra II and (CP) Geometry or (H) Algebra II and (H) Geometry**

**A scientific calculator (TI 30 or above) is required**

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.

**565 (H) Statistics      Honors      1.00 credit**

**SENIORS AND QUALIFIED JUNIORS ONLY**

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

**A scientific calculator (TI 30 or above) is required**

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.



<b>613 (CP) Chemistry I</b>	<b>Level 2</b>	<b>1.00 credit</b>
<b>*Prerequisite- (H) Algebra I 75% or (CP) Algebra I 80% or Algebra I Level I 95%</b>	<b>AND</b>	<b>(H) Biology I 75% or (CP) Biology I 85% or Biology I 90%</b>

This course presents the principles of chemistry and chemical application with a strong mathematical 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 the students practice with lab safety, proper equipment handling, and accurate data collection. Problem-solving techniques are an important part of the course.

<b>615 (H) Chemistry I</b>	<b>Honors</b>	<b>1.00 credit</b>
<b>*Prerequisite- (H) Algebra I 90% or (CP) Biology I 85%</b>	<b>AND</b>	<b>(H) Biology I 85% or (CP) Chemistry I 85%</b>

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

## **JUNIOR SCIENCE**

<b>610 Chemistry I</b>	<b>Level 1</b>	<b>1.00 credit</b>
<b>*Prerequisite - Algebra I AND Biology I</b>		

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. **(NOT APPROVED BY THE NCAA)**

<b>621 (CP) Chemistry II</b>	<b>Level 2</b>	<b>1.00 credit</b>
<b>*Prerequisite – (H) Biology I – 75% or (CP) Biology I - 85%</b>	<b>AND</b>	<b>(H) Chemistry I – 75% (CP) Chemistry I - 85%</b>

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.





## **ELECTIVES**

### **645 (H) Anatomy**

**Honors**

**1.00 credit**

#### **SENIORS ONLY**

A course that emphasizes the structure, function, development, nutrition and well-being of the human organism. It is designed for students who plan to pursue careers in nursing, health, physical education, and human services or who have merely a strong interest in the fitness and development of the human organism.

**\*Only one section of this course will be offered and will be filled on a first come, first served basis.**

### **646 (CP) Agricultural Science**

**Level 2**

**1.00 credit**

**\*Prerequisites: CP Biology I- 90% or  
H Biology - 80%**

**AND**

**CP Chemistry I- 90% or  
H Chemistry - 80%**

#### **JUNIORS AND SENIORS ONLY**

This course is designed to have students understand the principles and practices of Agricultural Sciences. This course will coincide in conjunction to growing seasons, crop production, and harvesting periods to give students an interactive look into agricultural sciences as a whole. Topics include an in-depth look at variety of fields in agriculture, soil sciences, crop sciences, animal sciences, agricultural practices, agricultural engineering, and agricultural economics. Labs and outside activities will be used throughout this course.

# \*\*\*\*\*Language Department\*\*\*\*\*

## 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). **(NOT APPROVED BY THE NCAA)**

### **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**

French I is an introduction to French language and culture. The fundamentals of francophone communication, grammar and culture are presented through a balanced development of all four skills: listening, speaking, reading and writing. This course is designed for students with little or no knowledge of French language or francophone culture. In addition to homework, quizzes and tests, students will be required to complete 2-3 culture-based projects throughout the course of the year.

Prerequisite: Freshman: English placement score of 50 or above. Upperclassmen: previous year English grade of 85% or higher.

## **709 (CP) French I College-Prep 1.00 credit**

Both Honors and Academic students will follow the same curriculum, at the same pace in the same classroom (see Honors course description above). Academic students will be provided with support materials during assessments. The majority of our French classes are comprised of students at the Honors level. It is recommended that students enroll at the Honors level unless there is a strong need for academic support.

Upperclassmen may not register for CP French I.

## **SOPHOMORE LANGUAGE**

### **710 Spanish II                      Level 1                      1.00 credit**

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. 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. **(NOT APPROVED BY THE NCAA)**

### **713 (CP) Spanish II                      Level 2                      1.00 credit**

**\*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.

## **715 (H) Spanish II Honors 1.00 credit**

**\*Prerequisite - (H) Spanish I -85%**

(CP) Spanish I - 93 This language class is designed for those students who have completed and passed a Spanish I level class (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 skills are further broadened in this level of Spanish. The honors section of Spanish covers the same topics as 710 and 713 Spanish II but at greater depth, with students held to higher expectations and standards, and progress evaluated by more challenging assessments than in the other sections.

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

## **716 (CP) Latin II Level 2 1.00 credit**

**\*Prerequisite- (CP) Latin I - 78%**

Students build upon and continue to develop skills presented in Latin I. This course encourages advanced translation, stressing vocabulary development, and a wider range of reading and cultural topics, from Roman myths and plays to the Vulgate Bible.

## **717 (H) French II Honors 1.00 credit**

**\*Prerequisite – (H) French I – 77%**

Honors French II provides a continuation of basic francophone skills acquired in French I with the addition of verb tenses and moods, such as the imperative and past-tense, and additional vocabulary, allowing for more oral and written work. In addition to homework, quizzes and tests, students will be required to complete 2-3 culture-based projects throughout the course of the year.

At mid-year, H French II students will become eligible for admission to our French Honor Society if academic criteria are met.

## **719 (CP) French II CP 1.00 credit**

**\*Prerequisite – (CP) French I – 77%**

CP French II is open only to previous CP French I students who completed CP French I with a 77% average or higher. Special permission must be obtained from Madame Tenny to register in CP French II if a student was previously enrolled in H French I.

Both Honors and Academic students will follow the same curriculum, at the same pace in the same classroom (see Honors course description above). Academic students will be provided with support materials during assessments. (see Honors course description above)

CP French students are not eligible for admission to our French Honor Society.

## **JUNIOR LANGUAGE**

### **723 (CP) Spanish III                      Level 2              1.00 credit**

**\*Prerequisite - (CP) Spanish II - 77%**

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. There is less of an emphasis on grammatical accuracy in (CP) Spanish III than in the Honors class, and less memorization is required.

### **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%**

Honors French III provides a continuation of francophone skills acquired in French I & II with the addition of more advanced grammar such as reflexive verbs, direct and indirect object pronouns, interrogative pronouns, stressed pronouns, the conditional mood and the imperfect tense. Greater emphasis is placed on writing and speaking. In addition to homework, quizzes and tests, students will be required to complete 2-3 culture-based projects throughout the course of the year.

At mid-year, H French III students will become eligible for admission or renewal of admission to our French Honor Society if academic criteria are met.

There is not a CP Honors III option available.

## 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%**

Honors French IV provides a final continuation of francophone skills acquired in French I, II & III with the addition of more advanced grammar such as the future tense and the subjunctive mood. Greater emphasis is placed on writing, speaking and literature. In addition to homework, quizzes and tests, students will be required to complete 2-3 culture-based projects throughout the course of the year.

At mid-year, H French IV students will become eligible for admission or renewal of admission to our French Honor Society if academic criteria are met.

There is not a CP Honors IV option available.

**\*\*\*\*\*Family & Consumer Science\*\*\*\*\***

**PLEASE NOTE: THE NCAA DOES NOT ACCEPT  
FAMILY & CONSUMER SCIENCE CLASSES**

**758 (CP) Foods I**

**Level 2**

**1.00 credit**

**\*\*Grades 11 & 12 only\*\***

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

This lab-oriented practical cooking course is offered only to juniors and seniors. The course offers an overview of the science of nutrition and its application to everyday life. Laboratory lessons are selected to teach basic cooking principles and proper use of large and small kitchen appliances. In addition, students will learn life skills from meal planning to laundry basics to budgeting. Students will have the opportunity to taste food samples from live cooking demonstrations ranging from homemade desserts, quesadillas, queso dip and many more! **Lab fee: \$75.00 due in September.**

**\*\*\*\*\* Music \*\*\*\*\***

**PLEASE NOTE: THE NCAA DOES NOT ACCEPT MUSIC CLASSES**

**900 (CP) Marching Band      .50 credit**

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

The Crusader Marching Band is an exciting activity that combines musical performance with marching and motion. The marching band is open to all students at any musical proficiency level. It is a chance to join a team and become part of something bigger than yourself as well as a great opportunity to make friends and memories that will last a lifetime! The marching band plays a huge role as part of the football atmosphere as well as performing at local competitions, parades, and recruiting efforts throughout the diocese. Coursework will begin over the summer and continue into the fall with a few additional events throughout the remainder of the school year.

**901 (CP) Concert Band      Level 2      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. Students should be 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 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) Concert Choir      Level 2      1.00 credit**

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

Concert 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 and rhythmic 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) Bishop McDevitt Chorale Honors 1.00 credit**

**Membership in the Bishop 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 Concert 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.

**922 (CP) Intermediate Piano Level 2 .50 credit**

This course is designed for students who wish to further develop 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 continue the techniques of playing and to learn more advanced piano literature. There will also be time spent in group instruction on musical notation and theory. Students will need to have satisfactorily completed Introduction to Piano in order to be eligible to take this course. This course meets every other day and can be taken concurrently with Intermediate Guitar.

**923 (CP) Intermediate Guitar Level 2 .50 credit**

This course is designed for students who wish to further develop guitar skills. There will be both a playing and written component to this course. Playing skills that will be covered are: minor seventh chords, suspended chords, more strum patterns, barre chords, and basic fingerpicking technique, scales, major seventh chords, improvisation, and diminished chords. In addition to individual playing, students will gain proficiency at group playing. Students are required to have completed Introduction to Guitar. This course meets every other day and can be taken concurrently with Intermediate Piano.

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

**SOPHOMORES, JUNIORS AND SENIORS ONLY**

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.

**937 AP Music Theory AP 1.00 credit**

**JUNIORS AND SENIORS ONLY**

This course is designed to give the student an understanding of music theory, sight reading, and aural skills that is equivalent to that of a first-year college music student. It is also designed with the explicit purpose of preparing the student for the AP® Exam in Music Theory. The course content and presentation will adhere to the guidelines set forth by the College Board in the Music Theory Course Description. The course will cover: the basic materials of common practice theory with an emphasis on music fundamentals in the first unit. The next unit will focus on the structural elements of music such as cadences, melodic organization, textural reduction, and voice leading according to eighteenth and nineteenth century practices. The third unit will encompass the study of larger forms, introduce chromatic harmony, and modulation. In addition, students will be trained to sight-read melodies in major and minor keys, with limited chromatic alteration. They will also perform listening exercises for the purposes of memorizing and notating specific intervals, scales, chords, rhythms, melodies, and progressions. Students will need to have satisfactorily completed Introduction to Music Theory in order to be eligible to take this course.

**\*\*\*\*\*Art\*\*\*\*\***

**PLEASE NOTE: THE NCAA DOES NOT ACCEPT ART CLASSES**

There is a Studio Fee of \$35.00 for each student enrolled in an art class. Students are required to pay one fee regardless of the number of art classes students choose to take for the year.

**951 (CP) Art I                      Level 2              1.00 credit**

**Note: This course receives a letter grade and does not count toward your GPA.** This introductory art experience is a studio class designed to instruct interested beginning students to a variety of art (drawing, painting, printmaking, sculpture, and cultural art and craft). In addition to art production the student will be exposed to art history, criticism and aesthetics. Studio Fee \$35.00

**952 (CP) Art II                      Level 2              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. This second course provides an opportunity for students to expand on (2D and 3D) concepts studied in course one. While students become proficient in the use of a variety of media, more complex challenges are assigned. Studio Fee \$35.00

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

**\*Prerequisite – 93% or higher in Art II**

This discipline is designed specifically to give additional assistance to those students who wish to apply to a post-secondary art program. Students will prepare a portfolio with digital components. The art portfolio course is extended to students who have completed Art I and II.

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

**SENIORS ONLY**

**\*Prerequisite – 93% or higher in Art II and Art Portfolio**

This is a rigorous studio course offered to seniors that have participated in 3 previous art courses. Students will design an approved course of study culminating in an end of the year Sr. art exhibition including a written artist statement.

**957 (CP) Advanced 2D Art - Drawing and Painting      Level 2              .50 credits**

**\*Prerequisite – 93% or higher in Art II**

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

This advanced studio course is designed for students wishing to focus on drawing, illustration, painting and printmaking. Exposure to advanced materials and techniques will be practiced, but emphasis will be placed on creative expression, communicating ideas through media exploration. Studio Fee \$35.00

**958 (CP) Advanced 3D Art – Sculpture**                      **Level 2**                      **.50 credits**  
**\*Prerequisite – 93% or higher in Art II**

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

This advanced studio course will expose students to the elements and principles of 3 dimensional design to create freestanding, relief and kinetic sculpture. Students will use advanced materials and sculptural processes to solve complex challenges in carving, modeling and assemblage. A variety of artists' styles and genres will be explored. Studio Fee \$35.00

**959 (CP) Advanced Fine Craft**                                      **Level 2**                      **.50 credits**  
**\*Prerequisite – 93% or higher in Art II**

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

In this art experience students will uncover the methods and materials used to produce functional utilitarian art forms by skilled artisans. The student will learn and practice traditional and non-traditional art forms not limited to lettering, mosaic, wood burning, air brush, jewelry making and paper craft.

**\*\*\*\*\*Physical Education\*\*\*\*\***

**987 Physical Education**                      **.25 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.

**993 Wellness and Life Management**                                      **.25 credit**

**\*\*Graduation requirement\*\***

This project-based semester long course focuses on the total health and wellness of the student. Health topics include nutrition, basic hygiene, and mental/emotional health. Physical health includes exercise, basic First Aid skills, emergency preparedness, and addictions. The course also covers basic life management skills including personal finance, career preparation, and conflict management within relationships.

**EVERY SENIOR IS REQUIRED TO TAKE HEALTH IN THE 2019-2020 SCHOOL YEAR.**