



St. Vincent Pallotti

H I G H S C H O O L

Academic Course Catalog

2010~2011

ST. VINCENT PALLOTTI HIGH SCHOOL CURRICULUM REQUIREMENTS

Class of 2011 - 27 Total Credits Required

4 English credits
4 Religion credits
3 Social Studies credits - must include World History, US History, and American Government ***
3 Foreign Language credits***
3 Math credits - must include Algebra I, Geometry and Algebra II***
3 Science credits - must include Conceptual Physics, Biology and Chemistry***
1 Health/Physical Education credit
½ Technology credit
½ Fine Arts credit
5 Electives

Class of 2012 – 27 Total Credits Required

4 English credits
4 Religion credits
3 Social Studies credits - must include World History, US History, and American Government ***
3 Foreign Language credits***
4 Math credits - must include Algebra I, Geometry and Algebra II***
3 Science credits - must include Conceptual Physics, Biology and Chemistry***
1 Health/Physical Education credit
½ Technology credit
½ Fine Arts credit
4 Electives

Class of 2013 – 27 Total Credits Required

4 English credits
4 Religion credits
3 Social Studies credits - must include World History, US History, and American Government ***
3 Foreign Language credits***
4 Math credits - must include Algebra I, Geometry and Algebra II***
3 Science credits - must include Conceptual Physics, Biology and Chemistry***
1 Health/Physical Education credit
½ Technology credit
½ Fine Arts credit
4 Electives

Class of 2014 – 27 Total Credits Required

4 English credits
4 Religion credits
3 Social Studies credits - must include World History, US History, and American Government ***
3 Foreign Language credits***
4 Math credits - must include Algebra I, Geometry and Algebra II***
3 Science credits - must include Conceptual Physics, Biology and Chemistry***
1 Health/Physical Education credit
½ Technology credit
½ Fine Arts credit
4 Electives

*****The honors program requires at least 8 Honors courses which must include at least 2 Advanced Placement courses and the following:**

4 credits in: English, Religion, Social Studies, Foreign Language, Math, and Science.
1 Health/Physical Education credit
½ Technology credit
½ Fine Art credit

* Please note, that ½ credit is granted for each semester completed with a passing grade, however, failure in a full year course at 1st semester does not allow for removal from that course at semester.

* All students are required to have completed at least 80 hours of community service before graduation (20 hours per school year).

* Please note that these requirements are for the College Preparatory Program.

- *Students in the Learning Center are required only 1 credit of Foreign Language; however, many Universities (including all MD state schools) require 2 years of a language.
- *All graduating students are expected to have taken at least one SAT or ACT college entrance exam.
- *All graduating students are expected to have applied to at least one four year college.

DEPARTMENT OF BUSINESS

Accounting I 3451

Prerequisite: Junior/Senior Status

Credit: 1.0

Description: This year-long course introduces students to basic accounting principles and procedures. It is designed to prepare students for college level accounting courses and is also appropriate for students planning to own their own business. Students will learn about theory of debits and credits, inventories, depreciation, revenue, expenses, adjusting and closing entries, and preparation of financial statements. Students will integrate these accounting principles with MS Excel. In the second semester, students will run a complete accounting cycle for a fictitious company.

Personal Finance 3463

Prerequisite: Junior or Senior Status

Credit: 1.0

Description: This year-long course is to inform students of their financial responsibilities as citizens, family members, consumers and active participants in the business world. This course will provide students with ways to maximize their earning potential, develop strategies for managing resources, explore skills for the wise use of credit, and gain insight into the different ways of investing money. The emphasis will be on real-life situations and applications so students can extend their knowledge of the consumer world in which they live. Topics of instruction will include: choosing and planning your career; getting, keeping and adapting to your job; pay, benefits and working conditions; federal income tax; budgets and financial records; checking accounts and other banking services; saving for the future; investments; credit in America; housing costs; automobile costs; family decisions; personal risks and insurance; property and liability insurance; and health and life insurance.

Principles of Economics 9440

Prerequisite: Junior or Senior Status

Credit: .5

Description: This one semester course is designed to introduce students to basic microeconomics concepts and principles. Students will study various economic systems and business organizations. They will learn how the scarcity of resource combined with unlimited wants drive decision making locally, regionally, nationally, and internationally. Students will use critical thinking skills to analyze real-world situations involving such economic principles as supply, demand, price levels, competition, market structure, labor, and wages.

DEPARTMENT OF ENGLISH

Introduction to Literature and Composition 8110

Prerequisite: 9th Grade Requirement

Credit: 1.0

Description: This year-long course combines the basis of grammar and in introduction to literature. Knowledge of the mechanics of the English language is a necessity to basic communication. The literature portion of the course acquaints the student with various genres of literature including short stories, novels, poetry, drama and biographies. A sequential vocabulary program is taught in conjunction with writing skills.

Honors Introduction to Literature and Composition 8111H

Prerequisite: 9th Grade Placement Test

Credit: 1.0

Description: This year-long course is designed for incoming freshmen who demonstrate high achievement on the English grammar and literature-composition test. This course will emphasize a higher-level analysis of literature and advanced writing assignments to accommodate and challenge the honors student. This student will continue in an honors English program culminating with the Advanced Placement English in senior year.

American Literature 8311

Prerequisite: 10th Grade Requirement

Credit: 1.0

Description: This year-long course stresses the challenge and contributions of American authors and poets to the world of literature. The SAT vocabulary skills program is developed both semesters and is often incorporated into writing assignments. Grammar skills round out the program. A research paper is required.

Honors American Literature 8311H

Prerequisite: Department Approval

Credit: 1.0

Description: This year-long course will cover the major authors, periods, forms, and works of American Literature. It will take a chronological approach using the readings in the textbook, covering the major figures and periods in American literary history. There will also be major novels and plays assigned as supplementary material. Vocabulary study both from the class readings and the separate vocabulary textbook will be assigned. Writing formal essays of literary analysis is a major emphasis of the course. The writing process will be broken into specific steps with time allotted for personal and peer review. Correct grammar, usage, and the mechanics of writing are stressed throughout the curriculum. The Honors component places great emphasis on close examination of texts and the construction of logical arguments about how language is used to create meaning.

British Literature 8411**Prerequisite: 11th Grade Requirement****Credit: 1.0**

Description: This year-long course presents a chronological survey of British Literature starting with Beowulf and ending with 20th century prose and poetry. Writing assignments challenge the students to think critically and analytically as well as creatively. Vocabulary is studied in a sequential skill-building program to further prepare the student for the SAT test.

Honors British Literature 8411H**Prerequisite: Department Approval****Credit: 1.0**

Description: This year-long course is an enriched chronological study of England's vast literary heritage. It begins with Anglo-Saxon readings and ends with 20th century prose and poetry. Writing assignments reflect the advanced students' level of analysis and exposition. A research paper is required.

World Literature 8421**Prerequisite: 12th Grade Requirement****Credit: 1.0**

Description: This year-long course surveys, in English translation, the literature of the world from the Greeks to the modern period. Students will be exposed to many of the great literary traditions of the world, including the French, Spanish and Russian, as well as others. The expansive anthology for the course provides the student with an interdisciplinary focus on literature, art, religion, history and other aspects of human life. The instructor will select one or more novels to supplement the anthology. Students will write extensively on the novels and works from the anthology, zooming in on literary terminology, historical context, and authorial intent. The vocabulary and culture pertinent to each literary tradition are vital components of the course.

Honors World Literature 8421H**Prerequisite: B or better in previous English courses & Department Approval****Credit: 1.0**

Description: This year-long course surveys, in English translation, the literature of the world from the Greeks to the modern period. Students will be exposed to many of the great literary traditions of the world, including the French, Spanish and Russian, as well as others. The expansive anthology for the course provides the student with an interdisciplinary focus on literature, art, religion, history and other aspects of human life. The instructor will select several novels and plays to supplement the anthology. Students will write extensively on the novels and works from the anthology, zooming in on literary terminology, historical context, and authorial intent. The vocabulary and culture pertinent to each literary tradition are vital components of the course.

A. P. English 8501**Prerequisite: Department Approval****Credit: 1.0**

Description: This year-long course continues the honors curriculum in English. Advanced Placement English is composed of a study of four genres: short stories, poetry, novels and drama. The course covers an in-depth analysis of each genre by applying literary techniques. During the first semester students will have a concentrated SAT preparation module. Students will write critical reviews of the literary elements of each work. Students will write a thorough research paper on a literary topic in addition to regular essays. Students are required to take the Advanced Placement English Exam at the end of the course and are responsible for the fee charged by the College Board.

A. P. English Language 8502**Prerequisite: Department Approval****Credit: 1.0**

Description: This year-long course continues the honors curriculum in English. It is composed of the study of literature of various genres, thus there will be in-depth discussion of a variety of literary topics. Students will also interpret a number of analytic and persuasive essays. A key focus of the course is helping students to strengthen their interpretation skills so that they can improve their writing skills. Students are required to take the Advanced Placement English Exam at the end of the course and are responsible for the fee charged by the College Board.

DEPARTMENT OF FOREIGN LANGUAGE

Spanish I 4151

Prerequisite: None

Credit: 1.0

Description: This year-long course introduces basic grammar patterns and vocabulary. The emphasis is on the four language skills: listening, speaking, reading and writing. Culture is highlighted through stories, games, movies, projects and the study of current events.

Spanish II 4251

Prerequisite: Spanish I

Credit: 1.0

Description: This year-long course affords a deeper analysis of basic Spanish grammar and conversational techniques, utilizing cultural research, songs, films, etc. The class gains a broader and more well-rounded spectrum of linguistic experiences. The course goal emerges as that of preparing a student to read and write as well as speak and think at a higher level of linguistic proficiency.

Honors Spanish II 4251H

Prerequisite: Spanish I

Credit: 1.0

Description: This year-long course is designed for any student who demonstrates high achievement in a Level I foreign language class or on the Foreign Language Placement Test. The course emphasizes a more in-depth study of vocabulary and cultural topics in addition to the grammar of the Level II program.

Spanish III 4351

Prerequisite: Spanish II

Credit: 1.0

Description: This year-long course expands upon the activities of Spanish I and Spanish II more fully. Reading and writing as well as speaking skills are elevated to a higher linguistic level. A research project in Spanish is a course requirement. The ability of the student to converse only in Spanish is strengthened still more in Spanish III. One of the course's goals is the transformation from spoken English to spoken Spanish.

Honors Spanish III 4351H**Prerequisite: Spanish II****Credit: 1.0**

Description: This year-long course increases each student's proficiency in the four skills of listening, speaking, reading and writing. It will be conducted in Spanish as much as possible. Grammar will include the compound tenses, commands, and the subjunctive mood as well as a review of material presented in the lower levels. Various aspects of Hispanic culture will be studied.

Honors Spanish IV 4451H**Prerequisite: Spanish III****Credit: 1.0**

Description: This year-long course expands the focus of the previous year to emphasize the cultivation of more advanced reading and writing as well as research skills. The student is expected to be able to work more on his/her own inside and outside of a definite classroom environment. Textual material and research work become more advanced at this stage as well as preparatory to further study at the university level. More complex conversational skills will be practiced.

Honors Spanish V 4551**Prerequisite: Honors Spanish IV****Credit: 1.0**

Description: This year-long course is for the serious Spanish student who is committed to improving his/her oral fluency, reading comprehension, writing skills and mastery of grammar. The class is conducted entirely in Spanish. Students are expected to read extensively, research cultural topics and make oral presentations. Advanced Placement level materials are used and students can opt to take the Advanced Placement exam if desired.

French I 4161**Prerequisite: None****Credit: 1.0**

Description: This year-long course introduces the student to the balanced-skills approach to language learning. Listening and speaking skills are cultivated and the importance of proper pronunciation is stressed. Ample opportunity is given for the students to develop their reading and writing skills. French culture is treated as an integral part of each lesson as well as "special topics".

French II 4261**Prerequisite: French I****Credit: 1.0**

Description: This year-long course continues the balanced-skills approach as introduced in Level I. The course continues to be audio-lingual because the listening and speaking skills are cultivated and the importance of proper pronunciation is stressed. Ample opportunity is given to the students to develop their reading and writing abilities. French attitudes and customs pervade the dialogues in the readings, the line drawings, photographs and many of the exercises.

Honors French II 4261H**Prerequisite: French I****Credit: 1.0**

Description: This year-long course is designed for students demonstrating high achievement in a Level I foreign language class or on the Foreign Language Placement Test. The course emphasizes a more in-depth study of vocabulary and cultural topics in addition to the grammar of the Level II program.

French III 4361**Prerequisite: French II****Credit: 1.0**

Description: This year-long course is a continuation of the balanced-skills approach to language learning as introduced in Level I and II; the Level III program has the transformation from spoken English to spoken French as a major goal of the course.

Honors French III 4361H**Prerequisite: French II****Credit: 1.0**

Description: This year-long course continues to emphasize the listening comprehension, reading, writing and speaking skills. The course will be conducted totally in French and all materials studied will be in French.

Honors French IV 4461H**Prerequisite: French III****Credit: 1.0**

Description: This year-long course has the same basic approach and format as Levels I-III but represents a step up in maturity consistent with the capabilities and interests of fourth-year students. French IV follows the same organization and contains the same lesson elements as the previous Level courses. The following changes and special features will be explored as well. The students are asked to read more in French (sections

of the text which were formerly in English are now in French). There are more opportunities for free expression in French.

Honors French V 4561H

Prerequisite: Honors French IV

Credit: 1.0

Description: This year-long course is designed for the students interested in continuing their French studies. A review of previously learned grammar as well as grammatical and vocabulary topics generic to the Level V abilities will be studied. The reading, writing, speaking and listening comprehension skills will be enforced. Hands-on projects will enable the students to further develop their language skills at this honors level. Students can opt to take the Advanced Placement exam if desired.

Latin I 4171

Prerequisite: None

Credit: 1.0

Description: This year-long course introduces the student to the basic grammatical concepts of the Latin language. They include the four verb conjugations and the five noun declensions as well as the case uses. There is an emphasis on classical culture and it is explored through readings in both English and Latin.

Honors Latin II 4271H

Prerequisite: Latin I

Credit: 1.0

Description: Latin II will build upon the skills acquired in Latin I. Students will complete most of the grammatical structure of the language and enhance vocabulary. Towards the latter part of the year, students will be exposed to original readings in classical Latin, primarily Julius Caesar's Gallic Wars. A cultural component, looking at the history of ancient Rome, will complement this course.

Honors Latin III 4371H

Prerequisite: Honors Latin II

Credit: 1.0

Description: Latin III will be based on adapted passages from ancient authors. Students will encounter the Subjunctive, Deponent Verbs, more Impersonal Verbs, the Ablative Absolute, the Passive Periphrastic, Gerunds, Gerundives, and additional sophisticated grammar concepts. The fact that our daily lives are still greatly influenced by the contributions of the Ancient Romans will be highlighted. The influence of Latin on English will also be emphasized.

Honors Latin IV 4471H

Prerequisite: Honors Latin III

Credit: 1.0

Description: This year long course includes an intensive review of all grammar learned in the previous three levels. We then move on to reading selections by Livy, Caesar, Pliny, Catullus, Phaedrus, Ovid and other classical writers. Projects, both oral and written, will be assigned on cultural topics.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

Health 9 1300

Prerequisite: 9th Grade Requirement

Credit: .5

Description: In this semester course basic health concepts are covered. Topics include the basic human body and its regulatory systems. Students will also learn about alcohol and drug awareness, physical fitness, and the principles of nutrition. Discussion of peer relationships and stress will also take place.

Health & PE 10 1210

Prerequisite: 10th Grade Requirement

Credit: .5

Description: In this semester course basic health is taught, with training in various sports and other physical activities. A student athlete who is injured and cannot participate for more than one-half of a season, or a student who does not make a team will not receive credit, and must satisfy the PE requirement in another manner. Students must have a physical signed by a family physician before the start of the school year. Required items for class include: school gym shorts, school gym shirt, white socks, and tennis shoes.

Contract PE 1200

Prerequisite: Guidance Approval

Credit: .5

Description: This course is an alternative to regular class participation to obtain credit for physical education required for graduation. Students must participate in an activity (e.g. interscholastic sports) previously approved by the administration. A contract is signed by the student that pledges his or her participation in the said program, and is finalized by the signature of the coach or instructor of that program. This is a pass/fail course, and is not included in GPA calculations. Permission and forms must be obtained through the Guidance department; students should see their respective counselor.

Weight Training 1410

Prerequisite: Junior or Senior Status

Credit: .5

Description: This semester course is designed for those students serious about being in good physical condition. The class meets in the Pallotti weight facility and focuses on strength training for sports, as well as circuit weight training.

Women's Fitness 1420**Prerequisite: Junior or Senior Status; Females Only****Credit: .5**

Description: This semester course is designed to promote all aspects of fitness to create a healthy mind and body. The course work centers on cardiovascular, interval, and strength training. It also includes aerobic activity, yoga exercises, and strength and stretching work as done in Pilates. There is also an element of building a positive self-esteem, and discussions are help on the many benefits physical fitness has on the whole person.

Introduction to Sports Medicine 1430**Prerequisite: Junior or Senior Status****Credit: 1.0**

Description: This year-long course is designed to give students an overall view of athletic training and sports medicine, including the administrative and professional aspects of the profession. Students will gain a general knowledge of anatomy and physiology, first aid, and athletic injuries and their treatment, care, and rehabilitation. By the end of the course students will have the ability to handle first aid emergencies, provide basic preventative care, and provide further injury care under the guidance of a certified athletic trainer.

DEPARTMENT OF INFORMATION AND TECHNOLOGY

Introduction to Computers 3310

Prerequisite: None

Credit: .5

Description: This semester class is a survey of computer usage in today's world. The class will address ethical and moral issues in the use of computers and the internet and how to deal with them appropriately. Students will learn how to use various social networking tools responsibly. They will also learn how to use the Internet as an educational tool, not just for entertainment. There will be a section on Internet plagiarism, a general section on how to use various components of Microsoft Office and a segment introducing basic programming concepts. This class can be used to fulfill the Technology requirement for graduation.

Graphic Design I 3410

Prerequisites: None

Credit: .5

Description: Graphic Design is a one semester course that introduces the concepts of graphic design. The students use various desktop publishing programs to produce magazine/newspaper type articles, programs, advertisements and other documents. The semester is divided into two halves, the first dealing mainly with type and layout design and the second with computer illustration and photo manipulation. The course requires that students develop skill in conceptualizing an idea and transferring it to a completed product by completing a series of projects. This course can be used to fulfill one semester of the Technology requirement.

Web Design I 3420

Prerequisites: None

Credit: .5

Description: Students will learn the basics of web design using HTML and various web editing and photo editing software. Students will design various web pages and learn web etiquette and language. Students will learn basic HTML. They will also learn basics of design and its effect on their pages. This course can be used to fulfill one semester of the Technology requirement.

DEPARTMENT OF MATHEMATICS

Algebra I 5141

Prerequisite: 9th Grade Requirement

Credit: 1.0

Description: This year-long course will cover the basic concepts of Algebra including addition, subtraction, multiplication, division (by real numbers); the properties of real numbers; exponents; introduction to proofs in Algebra; equations and inequalities; open sentences in two variables and their graphs; linear systems of two or more linear sentences in two variables; algebraic transformations; polynomials and rational expressions and their solutions; solution of quadratic equations by factorization and completing the square as well as the quadratic formula; the introduction of functions and the graphing of quadratic functions.

Honors Algebra I 5141H

Prerequisite: Department Approval

Credit: 1.0

Description: This year-long course is designed for the student who has completed a full year course in Algebra I in the 8th grade and has a solid background in mathematics yet needs additional instruction in the subject as evidenced by their performance on the Pallotti Math Placement Test for Algebra. It is a comprehensive study of Algebra topics at a faster pace of instruction. Topics covered include properties of equality; polynomial operations; linear equations; factoring; rational and radical expressions; relations and functions; and quadratic equations.

Geometry 5221

Prerequisite: 10th Grade Requirement

Credit: 1.0

Description: This year-long course is the study of plane Euclidean geometry. Topics to be covered include the basic geometric concepts of points, lines and planes, triangles, special quadrilaterals and other polygons, circles, area, volume, circumference, perimeter, ratio, proportions and trigonometry.

Honors Geometry 5221H

Prerequisite: Algebra I, Placement Test, &/or Department Approval

Credit: 1.0

Description: This year-long course is for incoming freshmen and outstanding sophomores who have shown superior achievement in mathematics. It will cover the same content as the regular Geometry course, but will emphasize the more challenging aspects of Geometry and investigate concepts to a greater degree.

Algebra II 5301**Prerequisite: Algebra I & Geometry****Credit: 1.0**

Description: This year-long course is designed to build upon the basic algebraic concepts introduced in Algebra I. Time is spent on developing a basic understanding of algebraic expressions and equations, functions, polynomials, irrational and complex numbers, radicals, exponents, quadratic functions. Additional emphasis is given to the review of basic mathematical skills and preparation for the standardized tests.

Algebra II/Trigonometry 5311**Prerequisite: Algebra I & Geometry with a C or better &/or Department Approval****Credit: 1.0**

Description: This year-long course builds on the basics of Algebra I to stress further the structure of algebra and trigonometry as well as the development of computational skills and problem-solving skills. The main areas of study are: linear functions and applications, factoring and calculations with polynomials, complex numbers and their properties, graphs and applications of quadratic functions, exponents and logarithms and the definition and application of trigonometric and circular functions.

Honors Algebra II/Trigonometry 5311H**Prerequisite: Honors Algebra I and/or Honors Geometry with a B or better &/or Department Approval****Credit: 1.0**

Description: This year-long course is a course for honors sophomores and juniors who plan to take Honors Pre-Calculus and AP Calculus. It will cover the same concepts of Algebra II/Trigonometry but will emphasize the more challenging aspects of the course and investigate concepts to a greater degree. This course will also cover matrices and will move at an accelerated pace.

Pre-Calculus 5321**Prerequisite: Algebra II/Trigonometry with a C or better &/or Department Approval****Credit: 1.0**

Description: This year-long course is intended to give a deeper understanding of algebra and trigonometry so that students can be successful at the college level. Students will also develop an understanding of how advanced mathematics can be used as a modeling language for real-life problems. Topics such as matrices, advanced trigonometry, series and sequences, probability, analytical geometry, and basic differential and integral calculus are included in the development of this course.

Honors Pre-Calculus 5321H**Prerequisite: Honors Algebra II/Trigonometry with a B or better &/or Department Approval****Credit: 1.0**

Description: This year-long course is for honors juniors who plan to take Advanced Placement Calculus senior year. It will cover the same contents as regular Pre-Calculus, but will emphasize the more challenging aspects and investigate concepts to a greater degree. Additional emphasis will be placed on experimenting with new technology.

Calculus 5542**Prerequisite: Pre-Calculus or Honors Pre-Calculus &/or Department Approval****Credit: 1.0**

Description: This year-long course is primarily concerned with an intuitive understanding of the concepts of calculus and experience with its methods and applications. The intent of this course is to present introductory calculus with elementary functions with emphasis placed on differential and integral calculus topics. This course is designed for those college-bound students who plan to study business, economics, management, and/or the social and life sciences. This course has a more practical approach than a theoretical approach to calculus.

Advanced Placement Calculus 5541**Prerequisite: Honors Pre-Calculus with a B &/or Department Approval****Credit: 1.0**

Description: This year-long course will develop an in-depth knowledge and understanding of both differential and integral calculus in addition to a brief summary of Pre-Calculus material. Students will learn to apply these techniques within the framework of the traditional course structure and a more contemporary philosophy by experimenting with new technology. Additional emphasis will be placed on preparation for successful completion of the Advanced Placement Calculus AB Exam. Students are required to take the AP Exam and are responsible for the testing fee charged by the College Board.

Statistics and Probability 5420**Prerequisite: Junior or Senior Status****Credit: .5**

Description: This one semester course is an introductory, descriptive course in the practical applications of probability and statistics. It will cover the rules of probability and the basic principles of statistics. Data sampling and the analysis of the data are included.

College Algebra 5430
Prerequisite: Algebra II
Credit: 1.0

Description: This year-long course is designed for students who have taken Algebra II. It is an extension of previously learned algebraic concepts that will be applied in a college level math course. Trigonometry will also be included in this course.

DEPARTMENT OF RELIGION

Foundations of Faith/ The Revelation of Jesus Christ in Scripture 2112

Prerequisite: 9th Grade Requirement

Credit: 1.0

Description: This course is required for all students during their freshman year. The first semester of the course focuses on the core beliefs and practices of the Catholic Christian faith. Students will study the basic elements of the creed and moral teachings of the Church, key sacraments and spiritual practices, and be introduced to the life and Spirituality of St. Vincent Pallotti. The second semester of the course will serve as an introduction to the study of Sacred Scripture. Students will begin by learning about the origins of the Bible and methods of scriptural interpretation. The core of the semester will be an intensive study of the Old Testament. Building on this foundation the course will finish with an introduction to the New Testament and the life and identity of Jesus Christ.

Sacred Scripture 2211

Prerequisite: 10th Grade Requirement

Credit: 1.0

Description: This year-long course will focus on the Bible. The first semester will cover the Old Testament with special emphasis on Creation and the Fall as well as Covenantal Theology. Old Testament themes are considered with a special emphasis on how the Old Testament lays the foundation for the New Testament. During the second semester the focus of the course will be the New Testament. There will be particular focus on the life and teachings of Jesus Christ as portrayed in the Gospels.

Honors Sacred Scripture 2211H

Prerequisite: Department Approval or Concurrent Enrollment in Honors English

Credit: 1.0

Description: This year-long course is a reading intensive course in which the students' primary text will be the Bible. Students will be given an introduction to the Catholic Church's approach to scriptural interpretation and come to appreciate the historical, literary and theological background of the Christian scriptures. During the first semester, students will focus their study on the Old Testament. As students make their way through the various books of the Old Testament there will be an emphasis on how these stories, law codes, prophecies, and other writings fit into the overarching narrative of salvation history. During the second semester, students will study the New Testament with a special focus on the distinctive background and thematic emphasis of each of the four canonical gospels. Given that this is an honors level course, it will involve a significant writing component.

Church History 2311**Prerequisite: 11th Grade Requirement****Credit: 1.0**

Description: This year-long course will cover a history of the Universal Church. It will be studied through a thematic approach to the twenty centuries of the Church's life. The primitive apostolic Church and the Reformation as well as the modern era are periods that will be covered.

Honors Church History 2311H**Prerequisite: Department Approval or Concurrent enrollment in Honors or AP History****Credit: 1.0**

Description: This year-long course will cover a history of the Universal Church. It will be studied through a thematic approach to the twenty centuries of the Church's life. Students will come to understand the origin and development of the theology and ecclesial structure of the Catholic Church. The primitive apostolic Church, the Reformation and also the modern era are periods that will be covered. The course will include a significant writing component.

Ethics and Catholic Moral Theology 2400**Prerequisite: 12th Grade Requirement****Credit: 1.0**

Description: This year-long course aims to provide students with the tools for making moral decisions through Natural Law, Catholic Catechism, the Scriptures and Developmental Psychology. Students are taught what the Catholic Church teaches in addition to why they teach it. Opportunities for application of the principles learned are provided. Catholic Moral teachings on human sexuality, medical ethics and issues that are important in the lives of the students will be examined.

Honors Ethics and Catholic Moral Theology 2400H**Prerequisite: Department Approval or Concurrent enrollment in Honors or AP English or History****Credit: 1.0**

Description: This year-long course examines several different dimensions of Catholic moral teaching. Students will learn about moral decision making, character formation, the Christian understanding of the human person and its implications for morality, the role of conscience in the moral life, and the relationship between personal and social morality. Students will also examine important moral issues relating to social justice, the sanctity of human life, medical ethics, human sexuality, and war. This honors level course will be

reading and writing intensive, and students will be expected to actively contribute to class discussions.

World Religions 2410

Prerequisite: None

Credit: .5

Description: This one semester course is a study of the major religions of the world. It begins with an examination of the basic elements of all religions. Students will then learn about the distinctive elements and practices of Hinduism, Buddhism and other eastern religions, Judaism and Islam. All students enrolled in this course will be expected to complete an independent research project examining a religious tradition not covered in the course curriculum.

Liturgical Ministry 2412

Prerequisite: None

Credit: .5

Description: The primary purpose of this one semester course will be to help train students for active participation in liturgy and liturgical ministry. The course will begin with an overview of the development of the liturgy through history with a concentration on the liturgical reforms of the Second Vatican Council. Students will then study the roles of various liturgical ministries (lector, cantor, liturgist, etc). The course will conclude with an exploration of the role liturgy plays in the life of a faith community, such as a school or parish. As part of the course, students will take part in the preparation of a school liturgy (class mass).

DEPARTMENT OF SCIENCE

Conceptual Physics 6121

Prerequisite: 9th Grade Requirement

Credit: 1.0

Description: Conceptual Physics is a year-long course that is designed to present the students with the basic fundamental concepts in physics and chemistry. The major emphasis will be topics on motion, heat, matter, and electricity. Students will develop critical thinking and problem solving skills that assist in the transition to higher-level sciences.

Honors Conceptual Physics 6121H

Prerequisite: 8th Grade Science Grade, Standardized Test Scores, &/or Department Approval

Credit: 1.0

Description: Honors Conceptual Physics is a year-long course that will encompass all of the elements of the traditional class; however, it is designed for a more in-depth study of the concepts of physics and chemistry. There will be various laboratory investigations that aim to incorporate a greater integration of algebra skills. This course prepares students for honors level chemistry.

Chemistry 6421

Prerequisite: 10th Grade Requirement

Credit: 1.0

Description: Chemistry is a year-long course in which the structure of matter and its interactions are studied via text, laboratory investigations, and online activities. Students will focus on a variety of subjects, including: the structure of atoms, matter, chemical reactions, and energy-matter interactions.

Honors Chemistry 6421H

Prerequisite: B or better in Honors Conceptual Physics &/or Department Approval

Credit: 1.0

Description: This class will encompass all of the components noted in Chemistry I, and is intended to prepare the students for college level chemistry. The concepts and laws of chemistry are emphasized from a predominantly quantitative approach utilizing hands-on demonstrations, laboratory investigations, and online activities. The students should have a strong math and science foundation, as the integration of the two is greatly emphasized within this course.

Biology 6211**Prerequisite: 11th Grade Requirement****Credit: 1.0**

Description: This year-long course presents the students with the opportunity to encounter and comprehend the essential concepts of biology. A variety of instructional methods will be used, including: lectures, labs, and cooperative exercises. Topics of interest include: the cell, the molecular basis of heredity, biological evolution, and the behavior and interdependence of organisms.

Honors Biology 6211H**Prerequisite: B or better in Honors Chemistry &/or Department Approval****Credit: 1.0**

Description: This year-long course is designed to prepare students for college level life sciences. Students will explore topics on molecules and cells, heredity and evolution, and organisms and populations. There will be an emphasis on the concepts and connections of the biological topics. Students will acquire an understanding of the role of biology in the issue of everyday life and through the use of laboratory investigations. Critical thinking and problem solving skills will be mastered through the use of the scientific method.

Physics 6431**Prerequisite: Junior or Senior Status, a B or better in Conceptual Physics, a C or better in Algebra II/Trig, & a fundamental understanding of Microsoft Word and Excel****Credit: 1.0**

Description: Physics offers a fundamental understanding of the basics of motion, mechanics, thermal energy, sound, light, electricity, and nuclear theory. Concepts will be explored through concept development, application techniques, and labs.

Human Anatomy and Physiology 6451**Prerequisite: Junior or Senior Status****Credit: 1.0**

Description: This year-long elective is designed to study the structure and function of the body. The human systems will be studied in detail along with the connections between them. Areas of study will include body organization as well as the following systems: integumentary, skeletal, muscular, nervous, circulatory, lymphatic, respiratory, endocrine, digestive, urinary, and reproductive.

Marine Biology 6461**Prerequisite: Junior or Senior Status****Credit: 1.0**

Description: This year-long elective is designed to provide a broad overview of the world's oceans focusing primarily on living organisms, their habitats, and interactions with people. Students will be required to spend a significant amount of time learning the language of science - of marine life in particular - in order to fully understand this discipline. Students will also be exposed to the wonderful world of the oceans through the use of numerous stories and pictures of exciting creatures. Current issues and research in marine science will also be addressed.

A.P. Biology 6501**Prerequisite: B or better in Honors Biology and Honors Chemistry &/or****Department Approval****Credit: 1.0**

Description: This year-long course is designed to prepare students for the AP Biology exam, and covers the equivalent of one full year of college level general biology. The course builds on concepts learned in biology and chemistry. The class entails a strong laboratory component, and is intended for students who have demonstrated a willingness to commit considerable time to studying and completing assignments independently. Students are required to take the AP Exam at the end of the course, and are responsible for the fee charged by the College Board.

A.P. Chemistry 6511**Prerequisite: B or better in Honors Chemistry &/or Department Approval****Credit: 1.0**

Description: This year-long course is designed to prepare students for the AP Chemistry exam, and covers the equivalent of one full year of college level general chemistry. The course is a rigorous math-based course, with a strong laboratory component, and is intended for students who have demonstrated a willingness to commit considerable time to studying and completing assignments independently. Students are required to take the AP Exam at the end of the course, and are responsible for the fee charged by the College Board.

A.P. Environmental Science 6531

Prerequisite: Honors Biology with a B or better &/or Department Approval

Credit: 1.0

Description: This year-long course is designed to prepare students for the AP Environmental Science exam, and covers the equivalent of one full year of college level general environmental science. The course is all about the various scientific concepts, principles, and methodologies of environmental science, the study of the natural world. A variety of topics will be investigated from water pollution to air toxicity. Laboratory experiments will be performed to help master those topics. Students are required to take the AP Exam at the end of the course, and are responsible for the fee charged by the College Board.

DEPARTMENT OF SOCIAL STUDIES

World History 9113

Prerequisite: 9th Grade Requirement

Credit: 1.0

Description: This year-long course will focus on the study of global history beginning with the ancient civilizations of the world, including the Mediterranean civilizations, Asian civilizations, Africa, and the Americas. This will be followed by an in-depth look at societies during the Middle Ages, focusing on Europe as well as the spread of Islam. The course will conclude with a study of the modern world, beginning with the Renaissance and ending with the Cold War. Geography and map comprehension will be emphasized throughout the course.

Honors World History 9113H

Prerequisite: 9th Grade Placement Test

Credit: 1.0

Description: This year-long course will focus on an in-depth study of global history. The course will commence with the ancient civilizations of the world, including the Mediterranean civilizations, Asian civilizations, Africa, and the Americas. This study will continue with the societies of the Middle Ages, including Europe and the spread of Islam. The course will conclude with a study of the modern world, beginning with the Renaissance and ending with the Cold War. Students in this course will focus on the study of primary source documents and a more detailed study of world geography. In addition, research papers will be included in the course work.

U.S. History 9311

Prerequisite: 11th Grade Requirement

Credit: 1.0

Description: This program is designed to introduce the student to American traditions and political, social, and economic history. It affords the opportunity to explore the United States from the Age of Exploration and Discovery through post-WWI. Although the major emphasis of this course is a chronological approach to the study of history, it examines more fully the roots of the pressing social, political, and economic issues of the present day. A particular focus in approach is the ability of the student to handle historical evidence, to generalize from specific facts, and to express one's findings.

Honors U.S. History 9311H**Prerequisite: B average in Freshman History & Department Approval****Credit: 1.0**

Description: This year-long course continues the honors program in preparing the student for advanced placement course. Students will combine the study of the regular US History course with 20th century of America. Emphasis will be placed on laying a firm foundation of the events and trends which make up our Nation's political, economic, and social past. Critical analysis and several research papers will be required. Students who select this course will be expected to select the Advanced Placement course the following year.

American Government 9410**Prerequisite: 10th Grade Requirement****Credit: .5**

Description: This semester course will emphasize the evolution of the American Constitution. It will include all levels of government such as federal, state, and local and their organization, structure, and functions. Other topics will include: voting, citizenship, political parties, political philosophies, political systems, American foreign policy, and international law and organizations. Various disciplines such as economics, geography, and history will be used to develop a better perspective of the American political system.

20th Century US History 9400**Prerequisite: 12th Grade Requirement****Credit: .5**

Note: Students taking an Advanced Placement course may have American Government/20th Century U.S. History waived.

Description: This one semester course is designed to introduce students to the political, economic, and social themes of 20th Century US History. This course will include the following topics: World War I, Jazz Age, Depression, First and Second New Deal, World War II, Korean War, Eisenhower Era, JFK, Vietnam, Nixon-Ford-Carter years, and the Reagan and Bush Administrations. This course will focus on critical thinking, writing, debate and current event seminars.

Honors 20th Century US History 9400H**Prerequisite: Honors US History or Department Approval****Credit: .5**

Description: This honors program is designed to introduce students to the political, economic and social themes of 20th Century US History beginning with the 1930's. This course will include the following topics: the First and Second New Deal; WWII; Korean War; Eisenhower Era; Civil Rights Era; JFK; Vietnam; Nixon-Ford-Carter years; and the Reagan and Bush Administrations. Since this is an honors course, critical thinking, writing, and discussion will be a large focus of the class.

A. P. U.S. History 9501**Prerequisite: B average in Honors U. S. History or Department Approval.****Credit: 1.0****Note: Students taking an Advanced Placement course may have American Government/20th Century U.S. History waived.**

Description: This year-long course is designed for talented and motivated students who seek the challenge of a college level course. The course strives to develop in the student a critical understanding of the major events, trends, and ideas that have shaped our nation. Excellent independent work habits, strong reading skills, and a genuine interest in the study of history are essential for success in this course. Demanding research projects and extensive readings are required. Students are required to take the Advanced Placement English Exam at the end of the course and are responsible for the fee charged by the College Board.

A.P. European History 9502**Prerequisite: B average in Social Studies coursework or Department Approval****Credit: 1.0**

Description: This year-long course is designed for the talented and motivated students who seek the challenge of a college level course. The course is a comprehensive study of European History from the Renaissance to the present. The course examines the political, diplomatic, economic, social and cultural developments of Modern Europe. Excellent independent work habits and strong reading skills and a genuine interest in the study of history are essential for success in this course. Demanding research projects and extensive readings are required. Students are required to take the Advanced Placement English Exam at the end of the course and are responsible for the fee charged by the College Board.

Sociology 9430**Prerequisite: Junior or Senior Status****Credit: .5**

Description: Through this course, students will study human society and social behavior. Students will see how people relate to one another and influence each other's behavior. The goal is to see the connection between the larger world and their personal lives. Students will develop an understanding of the basic concepts of Sociology including culture, socialization, social stratification, and social change. The major topics that will be covered in this course include the Sociological Perspective, Culture, Socialization, Class Structure, Social Interaction, Adolescents in Society, Deviance, Racial & Ethnic Relations, Gender, The Family, Sociology of Education, and Sociology of Sport.

Psychology 9460**Prerequisite: Junior or Senior Status****Credit: .5**

Description: This one semester course provides students with an introduction to the field of psychology, the principles of human behavior and their application. A major emphasis is on developmental psychology. Consequently, it is concerned with the description and explanation of changes within the individual and within the social environment that can influence the mental, emotional, and behavioral processes of humans. The study of psychology enables students to develop a scientific approach to understanding themselves. Throughout the course, there is emphasis on group interaction and experimental studies.

Advanced Psychology 9461**Prerequisite: C in Psychology &/or Department Approval****Credit: .5**

Description: This one semester elective is an expansion of the introductory course. In addition to expounding upon basic concepts covered in the introductory class, students will be introduced to basic therapeutic techniques of the major schools of Psychology. The course will also afford the opportunity for exploration of alternate fields of psychology, including play, multicultural, child, and forensics. Students will be expected to participate in group discussion and projects.

Women's Studies 9480**Prerequisite: Junior or Senior Status****Credit: .5**

Description: This is a one semester elective that will serve as an introduction to the field of women's studies. Primary focus will be on the importance of gender in shaping the culture, society and influence of the United States. Students will also examine how males and females in other cultures are both similar and different to the women and men in the United States.

DEPARTMENT OF STUDENT ASSISTANCE

Learning Center 1601

Prerequisite: Application & Department Approval

Credit: 1.0

Description: This is a highly specialized course for students with documented needs. Documentation must be current. Students registering for this course must either be currently receiving LC services, or must have the approval of both the Guidance Department and the Dean of Studies. There is an additional fee associated with enrollment in this course.

DEPARTMENT OF VISUAL AND PERFORMING ARTS

Chorus I 7151

Prerequisite: Audition

Credit: 1.0

Description: This year-long course is open to all students, including those without musical experience, or who are enrolling in chorus for the first time. Emphasis is placed upon learning the rudiments of music theory, music history, and basic concepts of vocal production. Hand bell performance is used to reinforce students' understanding of rhythm and music notation.

Chorus II 7251

Prerequisite: Chorus

Credit: 1.0

Description: Advanced chorus builds upon the concepts introduced in Chorus I. Students are given more challenging choral and hand bell music to perform. Students also study specific periods in music history in greater depth. The most advanced students will be given the opportunity to sing in a small ensemble which concentrates on unaccompanied singing.

Chorus III 7351

Prerequisite: Department Approval

Credit: 1.0

Description: This advanced section of Chorus builds upon the concepts introduced in Chorus II. Students are given more challenging choral and hand bell material to perform. An in-depth study of specific music history is also conducted. The most advanced students will be given the opportunity to sing in a small ensemble with concentrates on unaccompanied singing.

Beginning Band 7160

Prerequisite: None

Credit: 1.0

Description: This is a year-long course where students will learn to play music with a woodwind, brass, or percussion instrument. It is open to students with little or no experience with band instruments, and will act as a feeder program for the Concert Band.

Band I 7161**Prerequisite: Audition****Credit: 1.0**

Description: Concert Band is a year long course which will focus on the performance of a wide variety of music written and/or arranged for the wind ensemble (concert band) as well as developing students' instrumental technique and musicianship to their full potential. The music studied during the first semester will be that to be performed in the Christmas concert, WAMTC Band Festival, and at various sporting events. The music will include sacred and secular holiday music as well as standard and contemporary wind ensemble literature. Music studied during the second semester will be in preparation for the spring concert and spring festival, which will also include a wide variety of music.

Honors Band 7261**Prerequisite: Band****Credit: 1.0**

Description: This year long course will encompass the same components as that of Band I, with additional challenges for the more advanced music student. Additional requirements will include Festival participation outside of Pallotti and added scales and solos.

Introduction to Hand Bells 7352**Prerequisite: None****Credit: .5**

Description: This semester course is designed to introduce students to the art of ringing hand bells and the performance of music written for bells. Rudiments of music theory are presented and reinforced through the rehearsal and performance of specific pieces of hand bell music. A wide variety of music is studied with the goal of increasing the students' understanding and appreciation of music history and music styles. This course can be repeated for credit with the permission of the instructor. No prior musical experience is required.

Fundamentals of Art 7210**Prerequisite: None****Credit: .5**

Description: This semester course is designed to give students general instruction to aesthetics and studio art. Students will explore two dimensional art through drawing and design as well as painting. Three dimensional design will be explored through clay sculpture. Some Art History topics are covered. Students will go on a field trip to an art museum.

Drawing 7311**Prerequisite: Fundamentals of Art &/or Department Approval****Credit: .5**

Description: This semester course builds basic drawing skills using a variety of media and techniques including charcoal, pencil, conte, and pen and ink. Students will study perspective, line, value, and composition. Course includes demonstrations, class critiques and a field trip. *Students who have taken Advanced Art I do not qualify to take this course.*

Art Studio 7321**Prerequisite: Fundamentals of Art &/or Department Approval****Credit: .5**

Description: This semester course involves enhancing skills learned in Fundamentals of Art and applying them to various forms of 2-dimensional mixed media, including collage, painting, and drawing. Students will continue to study composition & design, color theory, and perspective. Course includes demonstrations, class critiques and a field trip.

Sculpture 7420**Prerequisite: Fundamentals of Art****Credit: .5**

Description: In this semester long course, the student is introduced to carving and modeling, as well as construction and assembly. Students will encounter hands-on experience in different media, including plaster, clay, and wire. Students will learn a short history of sculpture, and will be introduced to contemporary art through possible field trips to art galleries and museums.

Digital Photography 7411**Prerequisites: None****Credit: .5**

Description: This semester course is a general introduction to digital photography including portraiture, action, and landscapes. The course will begin with traditional photographic and art concepts. Students will explore image manipulation using personal computers supported by scanners, photo CDs, and digital cameras. Adobe Photoshop software will be used to simulate darkroom operations as well as manipulations to create their final images. Material requirements include a Digital camera in which F-stop and aperture can be manually changed. There is a \$35.00 lab fee for printing consumables.

Painting I 7441**Prerequisite: Fundamentals of Art****Credit: .5**

Description: This one semester course will explore techniques of oil, acrylic and watercolor painting. Emphasis will be placed on value, composition and color theory. Course includes demonstrations, class critiques, and a field trip.

Drama 8431**Prerequisite: None****Credit: .5**

Description: This one semester course is designed to help students become aware of the close relationship between the theater and real life. Learning to effectively use the body and mind and voice for theatrical presentations or even to give a book report or speech in class is paramount. Accomplished actors recognize how important it is to make every gesture and mannerism and every word and vocalism clear and interesting and expressive. Students will be introduced to a variety of exercises and activities designed to help with their development of these basic skills. As they become more knowledgeable of these techniques they will gain confidence and discipline and self-awareness in addition to discovering their overall effect on others.

ADDITIONAL COURSE OFFERINGS

Speech 8430

Prerequisite: None

Credit: .5

Description: This one semester course introduces the student to the basic components of public speaking-with emphasis on understanding the communication process. Students learn the four methods of speech delivery including skills in preparing for and presenting a variety of polished speeches.

Journalism/Yearbook 8451

Prerequisite: Junior or Senior Status & Department Approval

Credit: 1.0

Description: This two semester course has the sole responsibility of producing the annual yearbook which is a printed record of the school year. The student will use In Design and Jostens Yeartech programs to produce the book. There is an extensive journalistic writing component and time management is a must. Students will also learn basic photojournalism skills that will enhance layout and design ability. Students will also be required to participate in selling advertising in order to learn about publishing costs and balancing budgets when producing a product.

Introduction to Journalism 8453

Prerequisite: None

Credit: 1.0

Description: This year-long elective course is designed to allow students an opportunity to explore careers in writing and publishing. Students will enhance their overall writing, critical thinking, and organizational skills. Additionally, students will have the opportunity to publish a student-driven school newspaper.