

# Hudson Catholic Regional High School

## Course Selection Catalog 2010-2011



[www.hudsoncatholic.org](http://www.hudsoncatholic.org)

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This academic catalog is published to help all concerned parties during the course selection process for the 2010-2011 school year. Everyone should be sure to read and understand it completely and to use it well in preparing the student's course of studies for next year. Wise choices demand a realistic appraisal of the student's past records, present aptitude and future goals.

Parents/guardians, teachers, counselors, administrators, and students all have roles to play in this process of course selection. Present teachers can offer realistic advice about future courses given what they have observed of the student in their classes. Teachers of the courses being considered can advise about the requirements of their classes and the performance standards they hold. The guidance counselors are well-informed about general college and career requirements, while I can offer supervisory guidance as to whether a student's course of studies appears consistent with a college preparatory curriculum and his or her own academic record.

This catalog ends with a list of the required and elective classes that will be offered in the new school year if numbers warrant. Accelerated courses are listed as Honors (H or Hon) and cr = credits. In addition, the national Advanced Placement Program (AP) provides an opportunity for students to pursue college-level studies while at Hudson Catholic. Based on the outcome of a national examination, these students may receive university level credit for high school courses that carry the AP designation. Students taking AP courses learn those subjects at a more sophisticated and analytical level, at greater depth, and with more intensity. For these courses, certain prior qualifications (including average in subject) and teacher/departmental approval are required.

Sincerely,

*Philip Gazzale*

Mr. Philip Gazzale  
Dean of Academics

## PHYSICAL EDUCATION/HEALTH COURSE OFFERINGS

### 011 - Physical Education/Health 1 cr. 2.50 Grade 9

Physical Education 1 serves as an introduction to all the games and activities that a student will participate in while he is a student at Hudson Catholic. The student will be introduced to all the basic skills needed to perform these activities and will also become fully aware of all the rules and regulations of the entire Physical Education Program. Health 1 deals with the study of the following topics: smoking, alcohol, drugs and nutrition.

### 021 - Physical Education/Health 2 cr. 2.50 Grade 10

Physical Education II is an introduction to the concept of team play in athletics as well as an introduction to the conditioning process. The student is encouraged to work on individual skills in all activities to find out what type of conditioning process is best for him. Health 2 deals with the following topics: driving privileges, traffic control devices, driving rules and regulations, defensive driving, adverse highway conditions and handling emergencies, buying and insuring a car, AIDS education and conditioning for life.

## ENGLISH DEPARTMENT COURSE OFFERINGS

### 111 Honors Comparative Literature cr. 5.00 Grade 9

Honors Comparative Literature is a challenging course that will introduce the students to the fundamentals of writing and grammar as well as exploring traditional and contemporary literature in a variety of literary genres. The course will mainly focus on the three major types of literature: drama, poetry, and prose. Material that will be covered ranges from the works of Shakespeare to Poe to the contemporary and local literature of Walter Dean Meyers. Students will be asked to express their opinions on the material in a mixture of examinations consisting of oral presentations, projects, quizzes, tests, papers, homework and in-class activities. Prerequisites: Entrance test scores and previous academic record.

### 115 Comparative Literature cr. 5.00 Grade 9

This course introduces students to various types of vibrant literature, including the novel, short story, poetry, nonfiction and drama. The literature functions as a point of focus for developing thinking, speaking, viewing, vocabulary, listening and writing skills. Writing experiences are designed to develop growth in sentence-structure, grammar, mechanics and creativity. Throughout all freshman language arts activities, emphasis is placed on developing the kinds of critical thinking skills necessary for success in college. Students are placed in appropriate groups according to their previous academic records and the entrance exam. Prerequisites: Entrance test scores and previous academic record.

### 121 Honors American Literature cr. 5.00 Grade 10

This course is a challenging course that covers various pieces of drawn from American Literature. Students will examine classic and contemporary works by a variety of authors. Writing skills will be honed through the production of longer paragraphs and essays that will help students become more proficient in grammar, vocabulary, and usage. Independent reading for enjoyment is a vital component of this course. It will be assumed that since this is an honors course, the students will be knowledgeable in correct writing techniques. It will also be assumed that they are motivated and ready to face the challenge that awaits them. A term project will be required consisting of each student creating an original short story complete with a well developed plot, characters, theme and effective use of other literary techniques.

Prerequisite: Recommendation of English 1 instructor.

**123 American Literature** **cr. 5.00** **Grade 10**

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This course surveys American Literature from its origins to today and, in the process, continues the in-depth study of literature and language begun in English 1. Students examine works of classic and contemporary American authors. Writing skills continue to be honed through the production of longer paragraphs and essays that help students become more proficient in grammar, paragraph development and usage. In addition, independent reading for enjoyment is a vital part of the course.

**131 Honors British Literature** **cr. 5.00** **Grade 11**

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This course focuses on the expansion of critical thinking skills within a demanding writing based curriculum. By integrating argumentative, creative, and thesis based essays, students will prepare for college level assessment. The development of public speaking skills and use of advanced vocabulary will also be a primary focus. Novels will include a diverse selection from a variety of British authors ranging from Anglo-Saxon Period to the Modern Period. SAT prep will be an integral component of this course.

Prerequisite: Recommendation of English 2 instructor.

**133 British Literature** **cr. 5.00** **Grade 11**

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This course builds on the critical, creative and basic skills developed in English 1 and 2 by integrating language arts study in a survey of British literature. The selections range from the Anglo-Saxon Period to the Modern Period. Critical reading once again centralizes the development of writing, thinking, viewing, listening, and speaking skills and vocabulary development. A strong, self-scrutinizing attitude is fostered in writing assignments. Sentence-structure, paragraph form, and grammar are emphasized in extended pieces of exposition, description, argumentation and narrative. SAT prep will be an integral component of this course.

**140 Advanced Placement English** **cr. 5.00** **Grade 12**

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The Advanced Placement Literature course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts and extensive writing, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Since an Advanced Placement course is an introductory college course, the work is quite demanding. The optional AP exam provides the opportunity to earn college credits or placement. Considerable summer reading is required. *If you want to take this course, ask your English teacher and the current Advanced Placement English teacher if you are approved to apply for it.*

**143 Honors World Literature** **cr. 5.00** **Grade 12**

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World Literature is a course in multi-cultural literature, which includes works by authors in all literary genres. These selections are organized by culture and chronology to present the literature of the world in a cultural and historical context. Emphasis is given to the unique and varied cultural expressions found in literature. Students express thoughts and ideas orally and through a writing program, which is coordinated with the literature. Research skills, expository writing, and the research paper are stressed in the writing program. The systematic study of grammar-review and a program of vocabulary development extend and support the writing program and strengthening of oral language expression.

**153 World Literature** **cr. 5.00** **Grade 12**

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Deals with similar topics as the honors-level course, but in a less rigorous manner.

**145 Film Study** **cr. 5.00** **Grade 12**

This course will examine and analyze major pieces of literature and their film adaptations. Students will express thoughts and ideas orally and in writing. Comparisons and contrasts will be discussed with emphasis on the author's and filmmaker's point of view. A written term project will be required. In addition, students will have the opportunity to create an original short film as a group project. Prerequisites: You must have the approval of the instructor and your current English teacher.

**155 Classic TV & Culture** **cr. 2.50** **Grades 11, 12**

This course will use classic TV (1950's-1970's) as a means to study cultural developments that have become part of our shared pool of knowledge. Actors, journalists, historic events, trends, and language that have come into our homes through the medium of TV will be the focus of this study. Prerequisites: Recommendation of current English teacher

**156 Creative Writing** **cr. 2.50** **Grades 11, 12**

This course will be the focus of an intense writing based curriculum, one that harnesses the creativity of the written word. The literature of this course will be comprised of a diverse selection ranging from poetry, to short stories, to philosophical and metaphorical texts. Though the analysis of creative literature will be imperative, the majority of work expected from students will derive from their own creativity and experiences. The ability to think abstractly, while having the desire to express one's self through poetry, free verse, and journal reflections will play a critical role in the success of this unique course.

Prerequisites: A grade of 85% in the prior year's English class. Recommendation of current English teacher

**170 Language Study** **cr. 5.00** **Grade 9**

Required for freshmen who have demonstrated a need to achieve a level of reading competency necessary for high school, this course includes: developing study skills, improving comprehension powers, improving vocabulary development and increasing reading rate. The program aims to encourage positive reading habits and to strengthen reading in the content areas. Prerequisites: Placement test scores and previous academic record.

**SOCIAL STUDIES DEPARTMENT COURSE OFFERINGS**

**210 Honors World History** **cr. 5.00** **Grade 9**

A full-year course for accelerated students, the emphasis in Honors World History is on social studies skills development, but a wide scope of historical references is offered as well as an examination of current world events and the many ethno-cultural influences in our world. The following topics are covered: 1) a survey of man's history from his advent on this planet to the present day, (man's evolution to the dawn of modern history with special emphasis given to ancient-classical and medieval civilizations); 2) reading comprehension in the content areas; study techniques; social studies research techniques; world geography; map, chart, and graph skills and lastly a knowledge and interpretation of current events. Prerequisites: Entrance test scores and previous academic record.

**214 World History** **cr. 5.00** **Grade 9**

A required course for all freshmen, this course includes topics covered in Social Studies 210.

**220 Honors U. S. History 1** **cr. 5.00** **Grade 10**

A full year-course, this course will present a chronological approach to the study of American History, from Colonization through "The Gilded Age". At the conclusion of the course, students will be expected to: identify, interpret and explain the U. S. Constitution; explain how our system of government operates; analyze and explain the growth of America as a political and economic power; identify and analyze important issues in American Foreign Policy today; state and explain their personal opinions on an issue. Prerequisite: Departmental approval.

**222 U. S. History 1****cr. 5.00****Grade 10**

This course covers the same general content areas as Social Studies 220 but in a less rigorous manner.

**230 Advanced Placement American History****cr. 5.00****Grade 11**

This course starts with the Spanish-American War and ends with the current year. By the conclusion of the course, students will be expected to: recognize the basic principles on which this country was founded and to relate the principles to our present system of government; to identify the various problems that the United States has faced throughout her history and to realize how these problems were dealt with; to realize that America is a conglomerate of many ethnic groups which directly results in a diversity of culture; to relate American democratic principles to our dealings with other nations and peoples in an unbiased and truthful manner; to identify and explain the strengths and shortcomings of American policies both national and international; and finally, to view the national and international conflicts that the United States has faced through her history, and to demonstrate how our government today has utilized these conflicts toward the development of a better society. The course will follow the AP American history syllabus. Students will have the opportunity to take the AP American History exam.

Prerequisite: Honors U.S. History 1 & Departmental Approval.

**232 US History 2****cr. 5.00****Grade 11**

This is a full-year course, which will take a chronological approach to the study of American History, beginning with the Spanish-American War (1898) and ending with the current year. At the conclusion of the course, students will be expected to: recognize the basic principles on which this country was founded and to relate the principles to our present system of government; to identify the various problems that the United States has faced throughout her history and to realize how these problems were dealt with; to realize that America is a conglomerate of many ethnic groups which directly results in a diversity of culture; to relate American democratic principles to our dealings with other nations and peoples in an unbiased and truthful manner; to identify and explain the strengths and shortcomings of American policies both national and international; and finally, to view the national and international conflicts that the United States has faced through her history, and to demonstrate how our government today has utilized these conflicts toward the development of a better society. Prerequisite: U.S. History 1

**242 Psychology/21<sup>st</sup> Century Issues****cr. 5.00****Grades 11. 12**

Divided between an introduction to the study of human behavior and the study of how nations behave toward others and themselves, the material covered in Psychology will include, but is not limited to: defining and learning vocabulary terms associated with psychology; behavior development; personality development; measuring intelligence and evaluating behaviors; the process of thinking; emotion and motivation, frustration and conflict; personality disturbances and treatments; forces in social and group behavior; the role of psychology in shaping popular opinion in advertising and the media; psychology in everyday life.

The specific topics covered in 21<sup>st</sup> Century Issues each year will vary widely to reflect the critical issues of the day. They will include, but in no way will be limited to: America's role in the post – Cold War World; nuclear proliferation and efforts to control it; U.S. policy toward its allies; U. S. policy toward developing nations; international economic relationships and problems; key issues in American defense policy; terrorism as an international issue; distinguishing news from propaganda in international relations; identification of ongoing “hot spots” in world affairs; identification of key figures in world politics; use of vocabulary involved in discussion of international developments.

**255 US Civil War/World War II                      cr. 5.00                      Grades 11, 12**

Divided between the study of two great wars, this course provides critical insights into the history of the United States. In the civil war portion, slavery, States' Rights, The Abolitionist Movement, political differences and key personalities of the time period will be investigated. A strong emphasis will also be placed on the military dimension of the war with key battles being studied and their effect on the outcome of the war. The WW II covers the growth of Fascism and the plans of the Axis Powers toward global domination along with the idea of appeasement and its failure to maintain peace. Pre-War Axis aggression's which led the world into military conflict will be the next topic followed by the early stages of the war in which the Axis was very successful. The United States' early involvement will be covered from the Isolationist Movement to the support of the Allies. The United States entering the war and its turning point will be covered. The final topic will be the military campaigns that led to the defeat of the Axis Powers in Europe and the Pacific Ocean

**260 Integrative Seminar                      cr. 2.50                      Grade 10**

Designed for the students in the Scholars' Program during their sophomore year, the course explores thematically the development of the humanities and the sciences are explored from the Ancient World to the Renaissance. An interdisciplinary approach with different faculty members presenting material in their academic areas is used in this course. Field trips supplement in-class experience.

**280 Economics & Marketing                      cr. 5.00                      Grade 11, 12**

The study of economics and marketing go hand in hand. The subjects deal with the process of planning, pricing, promoting, selling and distributing ideas, goods, or services to create exchanges that satisfy customers. This course is designed to introduce students to the foundations of economics and marketing. These foundations are business, management and entrepreneurship; communication and interpersonal skills, and professional development. Any student interested in pursuing a career in business should consider taking this course.

**WORLD LANGUAGE DEPARTMENT COURSE OFFERINGS**

**321 Spanish 1                      cr. 5.00                      Grade 9,10,11**

A proficiency based approach is used for students who have never studied Spanish before. The course emphasizes the development of listening, speaking, reading, and writing through a proficiency based approach. Oral exercises stress both proper pronunciation and spontaneous responses. The students also learn about life in Spanish-speaking countries as well as the Hispanic presence in the United States today. Multi-media components are integrated throughout.

**330 Honors Spanish 2                      cr. 5.00                      Grade 10, 11**

With an accelerated pace, the teacher introduces the following new material: possessive adjectives, present tense of some irregular and stem changing verbs, reflexive verbs, expressions with tener, direct and indirect object pronouns, correct use of ser and estar, comparisons, demonstrative adjectives, present progressive tense, informal commands and the preterite tense. In addition, a cultural awareness of Latin America and the Hispanic influence in the USA is developed. Prerequisite: Approval of Spanish 1 teacher.

**332 Spanish 2                      cr. 5.00                      Grade 10,11,12**

This course covers essentially the same content areas and approach as Honors Spanish 2 (330) but at a regular pace. Prerequisite: Approval of Spanish 1 teacher.

**340 Honors Spanish 3** **cr. 5.00** **Grade 11, 12**

This elective course continues the development of skills begun in Spanish 1 and 2. It is on this level that more sophisticated reading is done and controlled composition is practiced. Grammatical structures include conditional, future and perfect tenses; imperative and subjunctive mood; passive voice; preterite versus imperfect. The ability to communicate in oral and written form is the main goal of the course.

Prerequisite: Approval of Spanish teacher.

**391 AP Spanish** **cr. 5.00** **Grade 12**

Depending on student interest and qualifications, this capstone course in the Spanish language can be offered to qualified students. The course will focus on advanced composition and conversation. Grammar continues to be developed and more literature is introduced. Students can have the option of taking the Advanced Placement examination. Prerequisites: Approval of Spanish 3 teacher.

**350 French 1** **cr. 5.00** **Grade 9, 10, 11**

This course offers an integrated approach to language learning. Presentation and practice of functional expressions, vocabulary and grammar structure are interwoven with cultural information. The technology, audiovisual materials, and additional resources integrated throughout this course allow students to be exposed to a variety of learning styles. Prerequisite: Department approval.

**360 Honors French 2** **cr. 5.00** **Grade 10, 11, 12**

This course is a continuation of Honors French 1. The class covers new functional expressions, vocabulary, grammatical structures and cultural information. The use of technology, audiovisual materials, and additional resources continues. Prerequisite: Approval of French 1 teacher.

**380 Honors Latin 1** **cr. 5.00** **Grade 9**

This course is designed for incoming freshmen in the Scholars' Program; it is also open to qualified upperclassmen. Its aim is to introduce students to the study of the Latin language, its forms and syntax, and to develop the ability to translate selective passages from Latin to English, and English to Latin. A subsidiary goal of the course is to reinforce English language skills by pointing out and drilling students in Latin vocabulary related to English cognates. The course will also emphasize the contributions of Roman culture as the most important route to Western Civilization. Prerequisites: Entrance test scores and previous academic record.

**MATHEMATICS DEPARTMENT COURSE OFFERINGS**

**410 Honors Algebra 1** **cr. 5.00** **Grade 9**

Honors Algebra 1 is a required full-year course designed to meet the needs of students who have demonstrated high math ability. The course is designed to further develop the student's problem-solving skills through the analysis of properties of real numbers, equations, inequalities, polynomials and their factors, quadratics and functions. In addition, some exercises will challenge the student to demonstrate insight into the logic of mathematics.

Placement by entrance test scores and previous academic record.

**414 Algebra 1** **cr. 5.00** **Grade 9**

The course covers the basic properties of real numbers, order of operations, reflexive, commutative, and distributive laws. Solutions of first degree equations, inequalities, polynomials, and operations on polynomials are treated.



**443 Trigonometry** **cr. 5.00** **Grade 12**

Trigonometry is designed for the higher student who is not year prepared for Calculus or Pre-Calculus but who plans on taking level math in college. The course consists of a review of Algebra, the solving of inequalities, followed by the study of functions and their graphs.

Trigonometry is discussed in depth. Topics covered include: trigonometric functions, circular functions, inverse circular functions and their applications as well as Heron's formula.

Prerequisites: Average grade of 85% in Algebra 2 (432) or grade of 80 in Algebra 2 with strong teacher recommendation. Average grade below 80% in H. Algebra/Geometry (and teacher's recommendation).

**444 Math 4** **cr.5.00** **Grade 12**

This course covers the essential concepts and skills of algebra and problem solving which are needed for further study of mathematics in college. Topics covered included sets, the real number system, linear equations, quadratics and functions, systems of linear equations, mathematical systems, probability and statistics. Prerequisites: Successful completion of Algebra 2 and departmental approval.

**455 Honors Calculus** **cr.5.00** **Grade 12**

Main areas include: the theory of elementary functions, the differential calculus, & the integral calculus. Prerequisites: 85% in H-Trig Pre-Calc & math teacher's approval.

**SCIENCE & TECHNOLOGY DEPARTMENT COURSE OFFERINGS**

**510 Honors Biology 1** **cr. 5.00** **Grade 9, 10**

This course is designed to give the accelerated student an introductory program of studies in the fundamentals of Biology. Students examine such traditional topics as plant and animal classification, genetics, evolution, and basic laboratory techniques. Prerequisites: Entrance test scores and previous academic record.

**516 Principles of Science** **cr. 5.00** **Grade 9**

This offering serves to present several branches of science in an introductory manner. Topics include: scientific method, the metric system, environmental issues, chemical reactions, cell structure, genetics, and basic laboratory techniques.

**520 Biology** **cr. 5.00** **Grade 10**

This course provides students with an introductory background in the fundamentals of biology. Topics include: basic lab techniques, classification, ecology, cell biology, and genetics.

**523 Honors Human Anatomy & Physiology** **cr. 5.00** **Grades 11,12**

This full-year course examines the anatomy and physiology of the human body. Topics include the following: the organization of the body, basic chemistry dealing with living systems, cell structure and function, genetic engineering, the gross and microscopic anatomy of various body parts, and the physiology of every body system. Prerequisites: An average of 85% or higher in Biology and Departmental approval.

**526 Honors Genetic Engineering & Histology****cr. 5.00****Grades 12**

This full-year course deals with such topics as recombinant DNA, DNA sequencing, the Human Genome, and cloning and includes “wet labs” on DNA extraction and “virtual labs” on transgenic organisms. This offering also explores such topics as: the characteristics of the four main tissues types in the body, how these tissues are arranged to form the organs and systems of the body, the proper use of various types of microscopes, and the utilization of the latest microscopic techniques. The Internet will be used extensively to provide students with a “home” web page for use as a reference base, online textbook, virtual labs, and an atlas of microscopic images. The student will also use PowerPoint to create presentations and organize their work. Prerequisites: An average of 85% or higher in Honors Biology 2 & departmental approval.

**530 Honors Chemistry****cr. 6.00****Grades 10,11,12**

This course is designed for those students in the advanced math groups. Experiments are used to introduce principles. Chemistry is learned in the following way: facts are gathered and arranged in meaningful patterns, which reveal regularities that lead to an understanding of nature. Prerequisites: Students must have an 85% in 410 or 414; 420 or 422; 432 or 443 Math sections and receive Departmental approval.

**532 Chemistry****cr. 5.00****Grades 10,11,12**

This full-year course has been developed to provide an understanding of the key concepts of Chemistry to the average math students. Topics include: atomic theory, mole concept, kinetic theory, atomic structure, chemical bonding and principles of chemical reactions. Prerequisites: Students must be in 432 Math or higher and receive departmental approval.

**550 Honors Physics****cr. 6.00****Grades 12**

The main areas of concern during this two-semester course are light, sound, mechanics, thermodynamics, electricity, magnetism, and nuclear reactions. Mathematical and experimental treatments of these topics are critical to this course. Prerequisites: Students must have an 85% in Math 420 or 432, presently be taking 440, or 443 and receive Departmental approval.

**552 Physics****cr. 5.00****Grades 11,12**

This survey covers many of the standard topics in Physics such as mechanics, optics and electricity, but it is directed toward those students planning to major in a non-science field in college. Prerequisite: Departmental approval, successful completion of Algebra 2 and enrollment in 443 or higher math course.

**632 Computer Applications 1****cr. 5.00****Grade 9,11,12**

Computer Applications is a full year course. Basic keyboarding is introduced and drilled extensively, using “Mavis Beacon Teachers Typing” software. After keyboarding has been mastered, students proceed to the introduction of Microsoft Office 2003. This office suite consists of Microsoft Word, Microsoft Access, Microsoft Excel, and PowerPoint which will enable us to cover all facets of production, including all types of correspondence, resume, term papers, tables, reports, database and spreadsheet applications. The most widely used operating system, Microsoft Windows *XP Professional*, will be also used.

**561 Computer Applications 2****cr. 5.00****Grades 11, 12**

This course deals with several popular application programs such as Adobe PageMaker and Microsoft PowerPoint. The programming element of the course will include working with Java. Using these materials, the student will be introduced to the tools he needs to create business and other types of documents. The student will be expected to demonstrate skills with “desktop publishing,” producing brochures, newsletters, etc. Java will introduce the student to the world of object-oriented programming and web page design. Prerequisites: Computer Applications 1.

**565 Multimedia Projects for Today cr. 2.50 Grades 11,12**

In this semester course the student will develop interactive media pieces that include animation, sound, texts, graphics, and digital video. Upon completion of this course the students will be able to import media pieces from another source into their projects, develop interactivity that allows the project to respond to events and change in specified ways, use hardware such as scanners and digital cameras, and consider items such as type of audience, breadth of knowledge for choosing such a project. Prerequisites: Successful completion of Computer Applications 1.

**566 Web Page Design and Desktop Publishing cr. 2.50 Grades 11,12**

This introductory course will include developing material for publishing and selecting elements of that material to include in designing a web page. The course covers such key aspects of web page design as organization of content, audience considerations, interactivity, and graphical components. This course will require the use of elemental HTML/Java and landscape/architectural design software. Prerequisite: Successful completion of Computer Applications 1 (632).

**BUSINESS COURSE OFFERINGS**

**600 Accounting 1 cr. 5.00 Grades 11,12**

Accounting 1 is a one-year course. The course is designed to allow students to develop the basic skills that are necessary for more advanced accounting. Areas are as follows: basic accounting cycle, checking account and reconciliation of bank statement, eight-column worksheet, adjusting entries and closing entries, income tax.

**640 Economics & Marketing cr. 5.00 Grade 11, 12**

As per new State of New Jersey requirements, this course has been moved to our Social Studies Department as course # 280.

**RELIGIOUS STUDIES DEPARTMENT COURSE OFFERINGS**

**813 Survey of the Catholic Faith cr. 5.00 Grade 9**

This introductory course deals with the basic teachings and practices of the Catholic Church, and explores, within a moral framework, the God-given gift of human sexuality and the responsibility for using this gift. The life and teachings of St. John Baptist de La Salle, the founder of the Christian Brothers, is also discussed as part of this course. Recognizing the need for greater intellectual understanding for the student making the transition from elementary to high school, the ninth grade religion program attempts to provide him with the opportunities to develop more mature religious concepts and practices. Through the text, writing, class discussions and projects, the students will become familiar with the key concepts of Catholic Christianity.

**823 The Bible cr.5.00 Grade 10**

This course will help students arrive at a new understanding of what the Bible is so that they may grasp why Christians believe it to be the Word of God. Through reading the Bible and the text, writing, class discussions and projects, the students will become familiar with the language of the Bible, and the Catholic Christian interpretation of that language.

**833 Church History & Morality****cr. 5.00****Grade 11**

This is divided into two major topics. The first semester is a course in which the 2,000 year-old history of the Roman Catholic Church is explored, not only from an historical point of view but also from the perspective of the Church's impact on art, architecture and philosophy. In many respects, it is a humanities course. In the second semester, the course addresses the formation of an individual's personal and social morality. Personal morality is concerned with the who, why and how of moral living with character conscience and the process of decision making. Personal morality also covers the "what" of moral living: values, contemporary issues and the abuses of our covenant with God. Social morality deals with the questions "How are we, as Christians, called to respond to the needs of our world today?" Students are encouraged to discover the ability that they have to make a difference in their own lives and in the lives of others. This study makes the practical connection between our religious values and/or action in society. There is a 10 hour Christian service requirement included for this course.

**843 World Religions & Adult Lifestyles****cr. 5.00****Grade 12**

This is divided into two major topics. The first semester is a course dealing with the themes of World Religions and Ecumenism. It is a comparative study of humankind's quest for a supreme being(s), life's meaning/purpose (major beliefs), suffering, death, moral living, reality, knowledge and truth as expressed and lived out within various world religions. It will emphasize a respect for the richness and limitations of various cultures and religious traditions. In addition, it will address the following topics on different world religions: political, cultural and historical factors, founders/prominent leaders, sacred witness, important practices, observances, sacred places, religious symbols and forms of worship. In the second semester, this course will address the concept of vocation and the call to different lifestyles/missions within the Catholic Christian tradition. A central concept is the Sacrament of Marriage where students will investigate the character of the personal relationship required in a successful marriage with all the responsibilities and requirements as a social institution. Other vocational lifestyles and careers dealing with a call from God to fulfill the command of Christ to love God, your neighbor and yourself are explored. The vocational lifestyles that will be explored are: marriage, single life, priesthood and religious life. Various ministries of the laity will be discussed including Church ministries here in the United States as well as in the foreign missions. There is a 14 hour Christian service requirement included for this course.

**852 Peer Ministry****cr. 5.00****Grade 11**

This course consists of in-class lectures, group work and discussion, training and orientation through week-end long workshops and retreats. A minimum of one full year of in-service ministry to the school community is required. It provides the school with a team of students able to minister in the areas of retreats, days of recollection, service programs, liturgies, social events and other areas of community needs. It is intended for students who seek a greater personal involvement in the life of the school and who wish to share their gifts, talents and religious faith with peers. It requires a commitment to the program, to the individual student's own professed religion and to the Christian principles of service and prayer. Prerequisite: Prior approval by instructor.

**ART DEPARTMENT COURSE OFFERINGS****910 Introduction to Art and Art History****cr. 5.00****Grades 11, 12**

Introduction to Art and Art History, a full year course, will cover drawing, painting, printmaking, design and art history. Along with art techniques the class will learn to explore ideas and to creatively problem solve, as well as an introduction to art history. This class is for all students, beginning to advanced. Prerequisite: Instructor's approval is required.

**920 Art Appreciation****cr. 2.50****Grade 10**

This course will provide an introduction to the ways in which people have expressed themselves in the visual arts including painting, sculpture, architecture, and photography. An appreciation and a deeper understanding of these media will be explored through projects, lectures, and slides. The focus will be on the nature and experience of art across many cultures and its central role in our daily lives. Prerequisite: Instructor's approval is required.

**928 Honors Specialized Art 1** **cr. 5.00** **Grades 11,12**

Honors Specialized Art I students will begin to search for and develop their aesthetic senses. With longer-term projects and more room to develop their own projects these students will explore their own voice. In addition, there will be introductions to new media and processes and more in depth art history studies.

Prerequisite: One previous full-year art course and the instructor's approval are required.

**930 Honors Specialized Art 2** **cr. 5.00** **Grades 11,12**

This course is designed for the student who has taken sufficient course credits to prepare him for advanced problems in drawing and painting. Through consultation and instructional guidance, the student is encouraged to pursue individualized study in the formulation of work that addresses specific issues dealing with the elements of art and principles of organization. The application of basic foundations to more expressive aesthetic situations remains a primary concern for the student. Prerequisite: Honors Specialized Art 1 and the instructor's approval are required.

**932 Printmaking / Bookmaking** **cr. 5.00** **Grades 11,12**

Printmaking, a full year course, will be an exploration of both traditional and modern techniques in both ink printing, paper making and book creation. Students will be introduced to the histories of these mediums. Through various assignments and class work, students will learn to use printmaking, paper making and book creation as tools for self-expression. Prerequisites: Instructor's approval is required.

**936 Photography (Semester)** **cr. 2.50** **Grades 11, 12**

In photography, a full year course, students will begin the process of learning how to operate their camera in conjunction with development and printing of their pictures. The technical side of photography will be explored as well as different genres of photography such as photojournalism and sports photography. A 35mm. camera is required in order to enroll in the class. There will be some additional costs (i.e. paper, film) that accompany this course. Prerequisites: Instructor's approval is required.

**940 Sculpting** **cr. 2.50** **Grade 11, 12**

In sculpting, students will learn to express ideas three dimensionally. Through the use of different materials and techniques, students will be taught how to build expressive and thought provoking works of sculpture. Materials may include wood, chipboard, clay, and other traditional and nontraditional materials. Also included in this class will be presentations of historical works. This course is for both the college bound art student or a student with an interest in art.

**950 AP Art History** **cr. 5.00** **Grade 12**

In this course, students examine major forms of artistic expression from the ancient world to the present and from a variety of cultures. They learn to look at and analyze works of art within their historical context, and to articulate what they see or experience in a meaningful way. Students have the option of taking the Advanced Placement Art History exam in the spring.

## **COURSE OF STUDY**

### **FRESHMAN YEAR (35 credits)**

Survey of the Catholic Faith	(5 credits)
Mathematics <sup>1</sup>	(5 credits)
Honors Biology 1 or Principles of Science <sup>2</sup>	(5 credits ea)
Honors Comparative Literature <sup>3</sup>	(5 credits)
Honors World History	(5 credits)
World Language 1 <sup>4</sup>	(5 credits)
Computer Applications	(2.5 credits)
Physical Education & Health 1	(2.5 credits)

1. Honors Algebra I or another approved math course
2. Environment, Cell Study, Genetics, Chemical Reactions.
3. Offered at an introductory level as well.
4. Spanish, French, or Language Study for selected students. Honors Latin 1 for Scholars.

### **SOPHOMORE YEAR (35 CREDITS)**

The Bible	(5 credits)
American Literature	(5 credits)
Mathematics <sup>1</sup>	(5 credits)
Biology <sup>2</sup>	(5 credits)
Honors U.S. History 1 <sup>3</sup>	(5 credits)
World Language 2 <sup>4</sup>	(5 credits)
Art Appreciation <sup>4</sup>	(2.5 credits)
Physical Education & Health 2	(2.5 credits)

- 1 Honors Algebra 2/Geometry or Geometry
- 2 H-Chemistry or Chem for Scholars and selected students
3. Offered at an introductory level as well
4. Integrative Seminar for Scholars

### **JUNIOR YEAR (30 credits)**

Church History & Morality <sup>1</sup>	(5 credits)
Honors British Literature <sup>2</sup>	(5 credits)
Mathematics <sup>3</sup>	(5 credits)
H-Chemistry, Honors Human Anatomy & Physiology, or Chem	(5 credits)
AP or Honors U.S History 2 <sup>4</sup>	(5 credits)
Elective from either cluster	(5 credits)

- 1 Peer Ministry for selected students.
2. Offered at an introductory level as well.

3. Honors Trig/Precalculus, Algebra 2 or another approved math course
4. US History 2 offered at intro level as well.

**SENIOR YEAR (at least 30 credits)**

World Religions & Adult Lifestyles (5 credits)  
 AP English or Honors World Literature<sup>1</sup> (5 credits)

1. World Lit offered at intro level as well.

Elective Courses

Math/Science/Tech Cluster (10 credits)  
 Humanities Cluster (10 credits)

**MATH/SCIENCE/TECHNOLOGY ELECTIVE CLUSTER**

Honors Physics or Physics (5 credits ea)  
 Honors Human Anatomy & Physiology, (5 credits)  
 Honors Genetic Engineering & Histology (5 credits ea)  
 Computer Applications 2 (5 credits ea)  
 Web Page Design, Multimedia Projects, (2.5 credits ea)  
 Algebra 2, Math 4, Honors Calculus, Trig,  
 H-Trig/Precalc (5 credits ea)  
 College Courses in conjunction with local colleges.

**HUMANITIES CLUSTER**

H-Spanish 3, AP Spanish, French 2, (5 credits)  
 Psychology/21<sup>st</sup> Century Issues (5 credits)  
 Civil War/World War II (5 credits)  
 Economics & Marketing, Accounting (5 credits ea)  
 Film Study (5 credits)  
 Creative Writing, Classic TV & Culture (2.5 credits ea)  
 Intro to Art, H-Specialized Art, &  
 Printmaking. AP Art History (5 credits ea)  
 Sculpting, Photography (2.5 credits ea)  
 Drama & Dance  
 College Courses in conjunction with local colleges.