



Marist Catholic High School Academic Course Catalog

2016 - 2017

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(01) ENGLISH

ENGLISH 9

9th grade ~ 1 year ~ 1 credit

The Freshman English program introduces students to a variety of literary genres, including nonfiction, short story, novel, drama, and poetry. The thematic focus is the qualities of literary and personal heroes. Writing instruction covers the basic conventions, organization, and mechanics of written communication. The student will produce narrative, descriptive, expository, and persuasive writing in paragraphs as well as multi-paragraph essays. Opportunities for creative writing and spoken presentations will be given. A major focus is on literary terms. Vocabulary development is an integral part of each year of the four- year program.

ENGLISH 9 HONORS

9th grade ~ 1 year ~ 1 credit

The Freshman Honors class is designed to meet the same conceptual objectives that guide English 9, but the course includes additional texts and outside reading, while maintaining a more rigorous expectation of student achievement.

** Prerequisite: Placement Test scores and writing sample*

ENGLISH 10

10th grade ~ 1 year ~ 1 credit

The sophomore program addresses growing up and identity through a variety of texts including drama, autobiography, and novels. Students encounter such themes as illusion and reality, the nature of good and evil, and the influence and use of power. Writing and speaking skills are refined across narrative and persuasive modes, with emphasis on the traditional essay and research. Vocabulary and grammar development complete the curriculum.

**Prerequisite: English 9*

ENGLISH 10 HONORS

10th grade ~ 1 year ~ 1 credit

The English 10 Honors course addresses the human condition with an allegorical and thematic analysis of literature through the lens of culture, gender, class, and race. Through fiction, nonfiction, and media studies, students encounter themes such as illusion and reality, the nature of good and evil, and the influence and use of power. The student's ability to produce expository, argumentative, and analytical essays is advanced. Further development of research, grammar, rhetoric, and vocabulary supplements the course.

**Prerequisite: English 9 Honors and/or teacher recommendation*

AMERICAN LITERATURE

11th grade ~ 1 year ~ 1 credit

Juniors engage in a survey of American literature from the Colonial period through the modern age. The human condition is explored through the nonfiction, fiction, drama, and poetry of the American canon. Students produce an interdisciplinary research paper that incorporates their

study of American History with American Literature. In addition, students continue to refine their ability to engage in the close reading of a text, and their ability to write the traditional literary analysis paper, adding more sophisticated rhetorical techniques and support for their ideas.

**Prerequisite: English 10*

AP ENGLISH LANGUAGE & COMPOSITION

11th grade ~ 1 year ~ 1 credit

AP Language and Composition introduces students to the analysis and construction of diverse rhetorical structures as primary considerations of exploring a thesis. Through critical reading, students examine various strategies and techniques reflective of the writing process. Eventually, students then incorporate these same rhetorical tools in composing their own organic essays and research projects. While the class is built upon a nonfiction reading list, students are exposed to selected texts from the traditional canon of American Literature, and engage in a year-long study of the American identity, voice, and dream. Students are prepared to sit for the AP English Language and Composition Exam in May.

**Prerequisite: English 10 honors, and/or teacher recommendation*

ENGLISH 12

12th grade ~ 1 year ~ 1 credit

English 12 challenges senior students to read, write, and think critically. As students of literature, seniors engage both classic and modern texts that explore the questions of what it means to be human. As students of writing, seniors produce descriptive, narrative, and traditional academic composition that allows students to respond to ideas and texts that shape the student's maturing sense of self. A college prep course, English 12 challenges students to polish the skills necessary to make a successful transition to a collegiate humanities class.

**Prerequisite: American Literature or AP English Language and Composition*

AP ENGLISH LITERATURE & COMPOSITION

12th grade ~ 1 year ~ 1 credit

Through the close reading and critical analysis of literature, this course prepares students for college and the AP English Literature and Composition exam. As students explore texts from both the ancient and modern worlds in a variety of genres, the content is organized thematically and dives deeply into the notions of Self, Relationships, Society, and Personal Journey. Within these four themes, students hone technical reading, writing, discussion, and research skills as they are encouraged to become more thoughtful, reflective, and wise human beings.

**Prerequisite: AP English Language and Composition and/or teacher recommendation*

GREAT BOOKS

11th-12th grade ~ 1 semester ~ .5 credit

This one-semester course is for the student who wants to read for fun but can't seem to find the time. The class strives for a genuine "book club" environment where students read at their own pace with intermittent deadlines for discussion. The first book is selected by the teacher, but subsequent texts are selected by a student vote of options nominated by the students themselves.

**Not repeatable*

CREATIVE WRITING

10th-12th grade ~ 1 semester ~ .5 credit

This course explores creative expression through writing. In a workshop setting, students will actively engage in hands-on practice of the techniques and tools essential for effective writing and editing. Students will create and present a number of original pieces in a variety of styles and genres. The class will discuss its own creative work and a wide assortment of published examples.

**Not repeatable*

SPEECH AND DEBATE

10th-12th grade ~ 1 semester ~ .5 credit

Speech and Debate is a one semester class designed to help students overcome their fear of, or improve their ability in, public speaking. Students will learn how to write, edit, and deliver speeches in different formats and genres. Speeches covered will include, but are not limited to, informative, persuasive, storytelling, after-dinner speaking, debate, and giving a toast.

**Can be repeated by students competing on the Marist Speech and Debate team*

(02) MATHEMATICS

ALGEBRA IA & 1B

9-10th grade ~ 2 years ~ 2 Marist credits, (only .5 credit per year towards the college mathematics requirement)

This two year progression is offered to accommodate students who may have experienced difficulties in mastering mathematical concepts. This progression will begin with the necessary review of pre-Algebra followed by a study of Algebra I.

**This progression differs from Algebra 1 mainly in the pace of the work.*

**Prerequisite: Determined by Math Placement Scores*

ALGEBRA I

9th grade ~ 1 year ~ 1 credit

This is the course recommended for the majority of freshmen who have mastered arithmetic operations, including fractions and decimals. Curriculum includes operations with signed numbers and variables, equations, story problems, operations with polynomials, factoring, fractional expressions, solving systems of equations, and graphing quadratics.

**Prerequisite: Determined by Math Placement Test scores and teacher recommendation*

HONORS ADVANCED ALGEBRA

9th grade ~ 1 year ~ 1 credit

This accelerated course assumes a solid working knowledge of Algebra I topics. Algebra I review is accomplished through summer homework and limited integration throughout the year. Topics include solving and graphing systems of linear and absolute value equations and inequalities, matrices, quadratic functions and inequalities, polynomials, rational, and radical expressions and functions, exponential, inverse, and logarithmic functions, as well as irrational

and complex numbers. The course will progress quickly with an emphasis on investigating connections through graphical, analytical, numerical, and verbal representations.

**Prerequisite: Determined by Math Placement Test scores, 8th grade Math class and grade, completion of summer homework*

GEOMETRY

10th-11th grade ~ 1 year ~ 1 credit

This course consists of a deductive approach to proofs of congruency and similarity. The principles developed are applied to lines, polygons, and circles. The following topics will also be included in this course: Surface area and volume, right triangle trigonometry, basic transformations, and basic logical reasoning.

**Prerequisite: Algebra I*

HONORS GEOMETRY/TRIGONOMETRY

10th grade ~ 1 year ~ 1 credit

This is an accelerated course designed to cover all topics in Geometry. Special emphasis is placed on deductive and inductive reasoning along with creating logical arguments. Emphasis will be placed on formal proofs and deductive reasoning skills. Topics will be pursued in depth and problems will be more challenging. Geometric topics will be covered in approximately 3 quarters. The remaining time will be devoted to trigonometric topics. An in depth study of Trig will include right triangle trig, unit circle, trig functions and graphs, application of functions, and introduction of trigonometric identities.

**This course is designed to prepare students for Pre-calculus/College Algebra and AP Calculus AB*

**Prerequisite: "B" or above in Honors Advanced Algebra and teacher recommendation*

INTERMEDIATE ALGEBRA

11th-12th grade ~ 1 year ~ 1 credit

This course is a review of Algebra 1 in greater depth. Topics include solving and graphing linear equations and inequalities, factoring quadratic equations, exploring polynomials and radical expressions, irrational and complex numbers, quadratic functions and inequalities, and exploring exponential, inverse, and logarithmic functions.

**This course qualifies for College Now credit through Lane Community College.*

**Prerequisite: Algebra 1 and Geometry*

ALGEBRA II/TRIGONOMETRY

11th-12th grade ~ 1 year ~ 1 credit

This course covers the same topics as described in Intermediate Algebra above, further topics include linear programming, operations with matrices, exploring polynomial functions and conic sections, evaluating and graphing trigonometric functions in radians and degrees, study of the unit circle, law of sines and cosines, and using trigonometric identities to simplify, evaluate, and verify expressions and equations.

**Prerequisite: Algebra 1 and Geometry*

INTRO TO CONTEMPORARY MATHEMATICS

12th grade ~ 1 year ~ 1 credit

This course is a survey of applications of mathematics for non-science students. Course content includes set theory, combinatorics, probability and statistics, finance, number systems, exponential and logarithmic functions, Markov chains, and linear programming.

**This course qualifies for College Now credit through Lane Community College.*

**Prerequisite: Algebra II/Trig and teacher recommendation*

STATISTICAL REASONING

12th grade ~ 1 year ~ 1 credit

This course will introduce the principles of statistical reasoning using real data to investigate various sports topics. Students will learn to ask thoughtful questions, properly analyze data, and make appropriate conclusions.

**Students can dual enroll in other math courses with teacher approval*

**Prerequisite: Algebra II/Trig and teacher recommendation*

PRE-CALCULUS/COLLEGE ALGEBRA

11th-12th grade ~ 1 year ~ 1 credit

This course is a study of basic functions and their applications. The first semester covers polynomial, rational, exponential, logarithmic functions and their inverses and introduction to sequences and series. The second semester is Trigonometry. Topics include radian measure, solving trigonometric equations, applications, and verifying trig identities. Polar coordinates, vectors, and conic sections are also covered in the second semester.

**This course qualifies for College Now credit through Lane Community College*

**Prerequisite: "B" or above in Algebra II/Trig or Honors Geometry and teacher recommendation*

AP STATISTICS

11th-12th grade ~ 1 year ~ 1 credit

Statistics is required in many fields, especially for engineering, psychology, sociology, journalism, health sciences, and business. This course covers data analysis, data production, probability and stimulation, and statistical inference.

**Students considering AP science senior year are encouraged to take AP Statistics as juniors*

**Juniors in Pre-Calculus can dual enroll in AP Statistics*

**This course qualifies for College Now credit through Lane Community College*

**Prerequisite: teacher recommendation*

AP CALCULUS AB

12th grade ~ 1 year ~ 1 credit

AP Calculus is comparable to 2 quarters of calculus courses in colleges and universities. Students will understand the concepts of differential and integral calculus and be familiar with its methods and applications. There will be an emphasis on multi-representational approach to calculus with concepts, results and problems being expressed graphically, numerically, analytically and verbally, allowing for connections among these representations.

**Prerequisite: "B" or better in Pre-Calculus and teacher recommendation*

(03) SCIENCE

PHYSICAL SCIENCE

9th grade ~ 1 year ~ 1 credit

This is an introductory course that increases the student's understanding of the world around them by studying the fundamental laws of physics. Concepts that will be covered will include mechanics, energy, wave motion, light, electricity, and the fundamental concepts of atomic structure and chemistry. Physics concepts, lab experiences and practical applications of scientific methods will be the focus of the course.

HONORS PHYSICAL SCIENCE

9th grade ~ 1 year ~ 1 credit

This course includes a stronger laboratory emphasis, higher critical thinking skills and more emphasis on mathematical applications than Physical Science.

**Prerequisite: Placement Test score & Enrollment in Algebra 1 or higher*

BIOLOGY

10th grade ~ 1 year ~ 1 credit

The primary goal of this course will be to study life and how organisms survive in their environment. Students will look at life from a hierarchical standpoint--that is, from a biochemical to cellular to organism to population level and how each higher level is built upon those below it. The central theme of biology is evolution--students will study how populations of organisms adapt to their environments via natural selection. With the ongoing discoveries involving the Human Genome Project, students will take a close look of how traits are inherited. Additional objectives of the course will be: to conduct laboratory investigations using the scientific method; to be open to discovery as a means of learning; to use effective communication skills to build and demonstrate understanding as well as teamwork; to apply science knowledge and skills to solve problems; and to actively integrate knowledge of biology gained into students daily lives.

**Prerequisite: Physical Science*

HONORS BIOLOGY

10th grade ~ 1 year ~ 1 credit

This course includes a stronger laboratory emphasis, higher critical thinking skills and a larger research component than Biology.

**Prerequisite: Honors Physical Science and/or teacher recommendation*

CHEMISTRY

10th-11th grade ~ 1 year ~ 1 credit

This course is designed to be an introduction to chemistry, the study of matter and its changes. This class will place equal importance on both the theory of chemistry and the lab applications. We will cover topics such as: chemical and physical changes, atomic structure, chemical names and formulas, stoichiometry, periodicity, electronic structure, acids and bases and gases. Because of the logical nature of chemistry, the course will develop skills in analytical thinking

and problem solving. Students will be involved in laboratory experiments, lectures, projects and other classroom activities.

**Prerequisite: Biology and Enrollment in Algebra II/Trig or higher*

HONORS CHEMISTRY

11th-12th grade ~ 1 year ~ 1 credit

This course is designed to be an introduction to chemistry, the study of matter and its changes. This class will place equal importance on both the theory of chemistry and the lab applications. We will cover topics such as: chemical and physical changes, atomic structure, chemical names and formulas, stoichiometry, periodicity, electronic structure, acids and bases and gases. Because of the logical nature of chemistry, the course will develop skills in analytical thinking and problem solving. Students will be involved in laboratory experiments, lectures, projects and other classroom activities. This course includes a stronger emphasis on laboratory analysis, higher critical thinking skills than Chemistry.

**Prerequisite: Biology, Enrollment in Algebra II/Trig or higher and teacher recommendation*

ANATOMY AND PHYSIOLOGY

11th-12th grade ~ 1 year ~ 1 credit

This is a yearlong course that studies the gross anatomy, organization, and physiology of the human body. During the first semester students will focus on the basic organization, structure, and orientation of the human body, body tissues and the following systems: integumentary, skeletal, and muscular, nervous and endocrine. During the second semester will study the following systems: cardiovascular, lymphatic, respiratory, urinary, and reproductive. Dissection of animal organs is a required component of this course. Dissection may include, but may not be limited to eyes, brains, hearts, and kidneys.

**Dual enrollment in chemistry is allowed with teacher recommendation*

**This course qualifies for College Now credit through Lane Community College*

**Prerequisite: Biology and Chemistry*

ASTRONOMY

11th-12th grade ~ 1 year ~ 1 credit

Astronomy is the study of the heavens and the space that surrounds our planet. It is one of the oldest sciences known to humans and our study will begin with the historical development of astronomy and the telescope. Topics covered will include the motion of the heavens, the history of astronomy, the Copernican Revolution, spectroscopy, telescopes, the physics that goes along with astronomy, the study of our solar system and the study of stellar and universe formation. There will be a recurring theme of star gazing throughout the course. The course will culminate with a scientific project investigating some aspect of astronomy that we have discussed throughout the year.

**Prerequisite: Biology*

AP BIOLOGY

12th grade ~ 1 year ~ 1 credit

This course is designed to be the equivalent of an introductory course taken by biology majors in their first year of college. It provides students with the conceptual framework, factual

knowledge, and analytical skills necessary for study in the rapidly changing field of scientific inquiry. Primary emphasis in AP Biology is upon developing an understanding of concepts while using the finer details within that framework. The AP Biology course is structured around the enduring understandings as described by the AP Biology Committee Framework: 1) The process of evolution drives the diversity and unity of life; 2) Biological systems utilize free energy & molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis; 3) Living systems store, retrieve, transmit and respond to information essential to life processes; and 4) Biological systems interact, and these systems and their interactions possess complex properties.

**This course qualifies for College Now credit through Lane Community College*

**Prerequisite: Chemistry and teacher recommendation*

AP CHEMISTRY B

12th grade ~ 1 year ~ 1 credit

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. The focus of the course will be to attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course will also contribute to the development of critical thinking skills and the ability to express ideas, orally and in writing, with clarity and logic. Topics covered will be: atoms and ions, stoichiometry, ionic reactions, thermodynamics, chemical kinetics, gases, intermolecular forces, solutions, nuclear chemistry, chemical reactions and organic chemistry. There is a strong laboratory emphasis in both procedure and writing.

**This course qualifies for College Now credit through Lane Community College*

**Prerequisite: Chemistry and teacher recommendation*

AP PHYSICS B

12th grade ~ 1 year ~ 1 credit

The AP Physics course is designed to be representative of courses offered in colleges and universities. The focus of the course will be in three areas: physics knowledge, problem solving and laboratory technique. The course will also contribute to the development of critical thinking skills and the ability to express ideas, orally and in writing, with clarity and logic. Topics covered will be: kinematics (motion), dynamics (forces), circular motion, work and energy, momentum, fluids, waves, electricity and magnetism, modern physics, nuclear physics, thermodynamics and optics. There is a strong laboratory emphasis in procedure and writing as well as modeling the physical world with mathematics.

**This course qualifies for College Now credit through Lane Community College*

** Prerequisite: Chemistry, Enrollment in College Algebra or higher and teacher rec.*

ECOLOGY

11th-12th grade ~ 1 year ~ 1 credit

“Ecology is the study of the relationship between organisms and their environment.” (*Smith & Smith. Elements of Ecology. 8th Edition. Boston: Benjamin Cummings, 2012*) This course will focus on what ecologists do, major ecological concepts, and local and global ecological issues. Students will use a textbook as well as pertinent ecological literature, case studies, and lab activities in order to understand the relationships between living and non-living parts of the

biosphere. We will work outside on ecological reconciliation projects on campus and in our local community.

**Chemistry is not required but is strongly recommended*

**Prerequisite: Biology*

(04) SOCIAL SCIENCES AND HISTORY

WORLD HISTORY - (To 1815)

9th grade ~ 1 year ~ 1 credit

World History is a required course taken during the freshman year, with an emphasis on Western Civilization. The first semester covers the period from Prehistory to the Roman Empire, including ancient river valley civilizations, the Greeks, and the rise of Christianity. The second semester covers the Middle Ages, the spread of Islam, the Reformation, Enlightenment, and the early modern era through the Napoleonic Period.

MODERN WORLD HISTORY - (From 1815)

10th grade ~ 1 semester ~ .5 credit

This one semester course continues the freshman survey, in the period from 1815 through the present. Including the Napoleonic period through both world wars, the Cold War, modern Asia, and the modern Middle East.

**Required for Sophomores interested in being recommended for AP U.S. History in the junior year*

AP EUROPEAN HISTORY

10th-12th grade ~ 1 year ~ 1 credit

An intensive, year-long course surveying European history since 1450, from the Renaissance through the Cold War, designed to prepare students for the Advanced Placement European history examination in May. Following the AP exam, modern non-European history is studied for one unit.

**This course qualifies for College Now credit through Lane Community College*

**Acceptable alternative to the Modern World History course required for Sophomores interested in being recommended to AP U.S. History in the junior year*

**Prerequisite: "A" in World History and/or teacher recommendation*

UNITED STATES HISTORY

11th grade ~ 1 year ~ 1 credit

First semester covers America from the colonial period through the end of the 19th century. Second semester surveys the United States in the 20th and 21st centuries.

AP UNITED STATES HISTORY

11th grade ~ 1 year ~ 1 credit

An intensive yearlong course surveying United States history from the colonial period through the present, designed to prepare students for the Advanced Placement United States history examination in May.

**This course qualifies for College Now credit through Lane Community College*

**Prerequisite: Modern World History or Honors AP European History*

GOVERNMENT & POLITICS: United States

12th grade ~ 1 semester~ .5 credit

This course is a study of the Constitution; functions of the branches of government; civil liberties and civil rights. It emphasizes how the government affects our lives and the role we play as citizens in shaping how government is run.

**Prerequisite: United States History*

AP GOVERNMENT & POLITICS: United States

12th grade ~ 1 semester~ .5 credit

This course is an intensive study of the formal and informal structure of government and the processes of the American political system, with an emphasis on policy-making and implementation. This course is designed to provide students with the opportunity to learn college-level content and skills, prepare students for the AP exam.

**This course qualifies for College Now credit through Lane Community College*

**Prerequisite: American History Hon/AP*

ECONOMICS

12th grade ~ 1 semester~ .5 credit

Economics is the study of the basic principles of capitalism and of alternative economic systems. Particular emphasis is given to the macro economy with some reference to microeconomics. The course includes a study of significant economic issues pertaining to the Pacific Northwest.

HONORS ECONOMICS

12th grade ~ 1 semester~ .5 credit

This course provides a deeper study of the basic principles of capitalism and of alternative economic systems.

**Prerequisite: Satisfactory completion of summer work and reading*

STREET LAW

10th-12th grade ~ 1 semester~ .5 credit

A course in practical law based on The Georgetown University Law Center model covering criminal law and juvenile justice, civil law, consumer and housing law, and family law. Course activities will include interpretation of law, practical real life applications, knowledge of personal

rights, problem solving. Through this philosophy and program, students are empowered to transform democratic ideals into citizen action.

20th CENTURY POP CULTURE

10th-12th grade ~ 1 semester ~ .5 credit

Popular culture surrounds our lives every day in the art, entertainment, fads, beliefs and values that we share. From Flappers to Sinatra to the Simpsons, pop culture helped shape America during the 20th century. Students will look at films, television, music, advertising fads, and hobbies and see how pop culture has changed, but in many ways stayed the same over generations.

AP PSYCHOLOGY

11th-12th grade ~ 1 year ~ 1 credit

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

**Prerequisite: Successful completion of summer work and reading*

(05) FINE AND PERFORMING ARTS

(The following courses all contribute to the fine arts requirement for graduation)

ACTING

9th-12th grade ~ 1 semester ~ .5 credit

This course develops an understanding of how theatre/drama came into being through a study of theatre performance throughout the world. Students are encouraged to become more expressive and communicative both onstage and off. Projects will require memorization and performance culminating in a scene presentation night/performance project.

**Can be repeated for credit*

CONCERT BAND/PEP BAND/JAZZ BAND

9th-12th grade ~ 1 semester ~ .5 credit

This class is designed to explore the three phases of band literature. This group will perform medium to difficult musical selections. In the fall, members will play for home football games. At the end of the football season, concert music will be taught and the band will present a Christmas concert. In the winter, they will also double as a pep band serving as a means to communicate spirit and enthusiasm to the student body and Marist community at home basketball games. At the end of the winter, the band will prepare music for solo and ensemble contests, band festivals and a spring concert. The band is considered the core of the instrumental program and builds a community feeling through the expression of music. Determination, dedication, and a good attitude are necessary for success in this class.

**Meets "8th" period, after school, from 2:45 p.m.-3:30 p.m.*

**Students who participate in pep band have an opportunity to earn a letter.*

**Prerequisite: 1 year experience on your musical instrument or teacher approval*

ROCK BAND

10th-12th grade ~ 1 year ~ 1 credit

The Rock Band is a group of musicians qualified to perform at a professional level. Membership is for experienced players only. Any musician who wishes to be challenged technically, musically and professionally is advised to contact the instructor for available positions in the group. All styles of rock will be studied: blues, classic, funk, etc.

**Instrumentation is 4-5 guitars, 2 piano, 2 bass, 3 vocalists, and 2-3- percussionists*

**Can be repeated for credit*

**Prerequisite: By audition/interview*

ADVANCED STRINGS

9th-12th grade ~ 1 semester ~ .5 credit

Advanced Strings is designed for the most advanced students who play the violin, viola, cello, or bass strings. It is an extension of beginning strings with increased emphasis on public performance. Students must audition for entrance into Advanced Strings.

**Meets during the "0" period, before school, from 7:15 a.m.-7:55 a.m.*

**Can be repeated for credit*

**Prerequisite: Beginning Strings or teacher recommendation*

VOCAL ENSEMBLE (REFLECTIONS)

9th-12th grade ~ 1 semester ~ .5 credit

This is a choral group of students who want to learn the techniques for good singing. Basic elements taught will include note and rhythm reading, sight-singing, listening, and vocabulary. Many activities and areas of music will be studied to enhance the students' enjoyment and understanding of music. The ensemble will perform several times during the year.

**Meets during the lunch period*

**Not repeatable for credit*

VISUAL ARTS

10th-12th grade ~ 1 semester ~ .5 credit

Visual Arts is a foundation course through which students will focus on the elements of design and principals of art. Students will create a variety of 2-dimensional projects using a wide range of materials. This course is designed to improve the skills of all students, regardless of their previous art experience. Art history and art appreciation are also an essential part of this course.

**Not repeatable*

PHOTOGRAPHY I

10th-12th grade ~ 1 semester ~ .5 credit

This class is the first of two photography classes designed in sequence. Photography I is an opportunity for students to creatively explore and develop a variety of photo and design skills. Students will learn the basics of composition and technique, photojournalism, Adobe Photoshop, and Adobe InDesign. In addition, these students will act as the photography staff for yearbook, newspaper, and other school departments.

**Not repeatable*

**Prerequisite: Application/Teacher approval*

PHOTOGRAPHY II

10th-12th grade ~ 1 semester ~ .5 credit

Photography II is for students to begin to master the skills they acquired in Photography I. Students will begin to master the basics of photographic composition and technique, photojournalism with a stronger emphasis on artistic expression. Student will use Adobe Photoshop and Adobe InDesign to learn basic layout and design and photo editing and manipulation. These students will continue to act as the photography staff for yearbook, newspaper, and other school departments.

**Not repeatable*

**Prerequisite: Photography I*

SCULPTURE

11th-12th grade ~ 1 semester ~ .5 credit

Sculpture is designed to provide students with the opportunity to explore the diversity and creative possibilities of working within a 3-dimensional format. Students will focus on creating high quality, unique projects primarily using clay and plaster while learning the terminology and techniques associated with the sculpture process. This class is perfect for students who enjoy working with their hands.

**May be repeated for credit with a grade of B or above, two semester maximum*

DRAWING

10th-12th grade ~ 1 semester ~ .5 credit

This class is designed for students who want to learn the basic fundamentals of drawing. Emphasis is placed on drawing from observations. Students will also learn how to develop a composition and draw using perspective. A variety of techniques will be explored while using different drawing tools, such as pen and ink, pencil, charcoal, and pastel.

**Not repeatable*

STUDIO PAINTING

11th-12th grade ~ 1 semester ~ .5 credit

Students will explore different painting styles and techniques through the study of historical and cultural examples. A variety of materials including watercolor, tempera, and acrylics will be used. Students will also learn color theory and color mixing, as well as methods of creating perspective and depth in their work.

**May be repeated for credit with a grade of B or above, two semester maximum*

**Prerequisite: Visual Arts and Drawing preferable. If Visual Arts is complete, Teacher's approval can waive Drawing.*

INDEPENDENT STUDY PHOTOGRAPHY

11th-12th grade ~ 1 semester ~ .5 credit

Students will complete an agreed-upon course of advanced study chosen by the student and teacher.

**Prerequisite: Teacher Approval, and Photography I and II*

(06) FOREIGN LANGUAGE

SPANISH

SPANISH 1

9th-12th grade ~ 1 year ~ 1 credit

The fundamentals of the language are presented in four skills: listening, speaking, reading, and writing. Emphasis is on basic vocabulary and grammatical structures presented in a thematic approach, which enables the students to use the language in a meaningful context. An introductory look at the culture and history of Spanish speaking countries is examined. Frequent testing and continual ongoing effort is vital to progress and achievement. At the end of the first year of Spanish, students should be able to communicate at a basic level using the present, present progressive and implied future tenses.

SPANISH 2

9th-12th grade ~ 1 year ~ 1 credit

This course is a continued presentation of the fundamentals of grammar via text, workbook, online activities, oral presentations and group/cooperative work. At the end of the second year, the student will have learned most of the basic elements of the spoken language. The thematic approach is continued with situational exercises, review, culture, conversation, and beginning composition as integral parts of the course.

**Prerequisite: Spanish 1 or demonstrated proficiency*

SPANISH 3

9th-12th grade ~ 1 year ~ 1 credit

This is an advanced course that presents higher level Spanish grammar with continued emphasis on the four skills: writing, reading, speaking, and listening. The vast majority of interactions in the classroom are in Spanish. There is an increased focus on personal usage, fluency, pronunciation, and vocabulary. The rich and diverse culture of the Spanish-speaking world is also explored.

**This course qualifies for College Now credit through Lane Community College*

**Prerequisite: Spanish 2 or demonstrated proficiency*

SPANISH 4

9th-12th grade ~ 1 year ~ 1 credit

This is an advanced course in which students will learn about the culture, language, history, people, music, film, and art of the Spanish-speaking world through grammar-based lessons. The

class is conducted primarily in Spanish with an emphasis on increasing fluency, accuracy, and vocabulary. Students will focus on advanced Spanish grammar; reviewing the structure and usage of the language presented previously and continuing to work with more complex elements of the language.

**This course qualifies for College Now credit through Lane Community College.*

**Prerequisite: Spanish 3 or demonstrated proficiency*

INDEPENDENT STUDY SPANISH

9th-12th grade ~ 1 year ~ 1 credit

Student will complete an agreed-upon course of advanced study chosen by the student and teacher.

**Prerequisite: Teacher approval and demonstrated Spanish fluency*

FRENCH

FRENCH 1

9th-11th grade ~ 1 year ~ 1 credit

Fundamentals of the French language are presented in four skills: listening, speaking, reading, and writing. Emphasis is on basic vocabulary and grammatical structures presented in a thematic approach that enables the student to use the language in a meaningful context.

Culture is an integral part of the program. Behavior, values, attitudes, and experiences of young people in particular in the French-speaking world, will be examined.

FRENCH 2

9th-12th grade ~ 1 year ~ 1 credit

This course is a continued presentation of the fundamentals of French grammar. At the end of the second year, the student will have learned most of the basic elements of the spoken language. The thematic approach continues with situational exercises, review, culture, and conversation as integral parts of the course. All four language skills are emphasized: listening, speaking, reading, and writing. Class will be conducted partially in French.

**Prerequisite: French 1 or demonstrated proficiency*

FRENCH 3

9th-12th grade ~ 1 year ~ 1 credit

This course is a continued presentation and perfection of the fundamentals of French grammar and culture. Third year students will expand their command of the language in all four areas: oral and reading comprehension, as well as written and verbal expression. At the end of the third year, students will feel relative ease in communicating and understanding the language in most daily situations. The thematic approach is continued with situational exercises, culture and conversation as integral parts of the course. Class is conducted almost entirely in French.

**This course qualifies for College Now credit through Lane Community College*

** Prerequisite: Teacher recommendation*

HONORS FRENCH 4

10th-12th grade ~ 1 year ~ 1 credit

Mastery of French grammar and verbs, reading and speaking fluency are all emphasized in the fourth year. All four skills will continue to receive equal attention: culture, literature, and film will be explored in more depth. The class is conducted entirely in French

**This course qualifies for College Now credit through Lane Community College*

**Prerequisite: Teacher recommendation*

INDEPENDENT STUDY FRENCH

9th-12th grade ~ 1 year ~ 1 credit

Student will complete an agreed-upon course of advanced study chosen by the student and teacher.

**Prerequisite: Teacher approval and demonstrated French fluency*

JAPANESE

JAPANESE 1

9th-12th grade ~ 1 year ~ 1 credit

This course is an introduction to the Japanese language. The primary focus is to develop ability to speak, listen, read, and write in Japanese. We will also study elements of Japanese culture and history in order to put what is learned into a real-world context.

JAPANESE 2

9th-12th grade ~ 1 year ~ 1 credit

This class is a basic level Japanese language course designed for students with some prior exposure to the language. The primary focus is to develop ability to speak, listen, read, and write in Japanese. We will also study elements of Japanese culture and history in order to put what is learned into a real-world context.

**Prerequisite: Japanese 1 or proven proficiency*

JAPANESE 3

9th-12th grade ~ 1 year ~ 1 credit

This course is a beginning-intermediate level Japanese language course designed for students with some knowledge of the language. The primary focus is to develop ability to speak, listen, read, and write in Japanese, as well as laying a foundation for students to be able to continue learning Japanese in the future. We will also study elements of Japanese culture and history in order to put what is learned into a real-world context. This class is ideal for students who wish to continue their study of Japanese in college or travel to Japan in the future.

**This course qualifies for College Now credit through Linn-Benton Community College*

**Prerequisite: Japanese 2 or proven proficiency*

JAPANESE 4

9th-12th grade ~ 1 year ~ 1 credit

This course is a beginning-intermediate level Japanese language course designed for students with some knowledge of the language. The primary focus is to develop ability to speak, listen, read, and write in Japanese, as well as laying a foundation for students to be able to continue learning Japanese in the future. We will also study elements of Japanese culture and history in order to put what is learned into a real-world context.

**Japanese 4 and 5 will share the same class period.*

**This course qualifies for College Now credit through Linn-Benton Community College*

**Prerequisite: Japanese 3 or proven proficiency*

JAPANESE 5

9th-12th grade ~ 1 year ~ 1 credit

This course is an intermediate/advanced level language course designed for students who have a strong grasp of the basics of the Japanese language. The primary focus is to further develop ability to speak, listen, read, and write in Japanese, by reinforcing and building off of students' existing Japanese language skills. We will also study elements of Japanese culture and history in order to put what is learned into a real-world context.

**Japanese 4 and 5 will share the same class period.*

**This course qualifies for College Now credit through Linn-Benton Community College*

** Prerequisite: Japanese 4 or proven proficiency*

(07) THEOLOGY

THE REVELATION OF JESUS CHRIST

9th grade ~ 1 semester ~ .5 credit

As the first theology course at Marist Catholic High School, this course begins with an introductory unit examining the mission and charism of Marist and the study of theology from a Roman Catholic perspective. It will also consider adolescence as a time of spiritual exploration and opportunity for faith development.

The Revelation of Jesus Christ will then introduce students to Sacred Scripture with an emphasis on the revelation of Jesus Christ as it is found through the Scriptures. It will focus on helping students understand the Bible as the living Word of God for people of Christian faith, and its value to people throughout the world. In this study, students will consider major sections of both the Old and New Testaments with an emphasis on the Gospels.

CHRISTOLOGY: THE PERSON OF JESUS

9th grade ~ 1 semester ~ .5 credit

This course will provide students an introduction to and deeper understanding of the mystery of Jesus Christ, the living Word of God, from the perspective of Catholic Church teachings and tradition. In this course, students will explore the nature of God's revelation to humanity, and humanity's response of faith. Students will come to an awareness of what Jesus Christ reveals about God, especially through the mystery of the Incarnation. Finally, flowing from this dual

consideration of revelation and the response of faith, the course will take up the question of who Jesus calls them to be.

PASCHAL MYSTERY

10th grade ~ 1 semester ~ .5 credit

The Paschal Mystery course will offer an in-depth study of the life of Christ as viewed through the perspective of the Paschal Mystery, using Scripture as its primary source. Utilizing redemption as the major recurring theme, the course will examine elements of salvation history such as the goodness of creation, the fall from grace, and the coming of the Messiah. Finally, it will investigate the transformative action of the Paschal Mystery as it applies to such life issues as death and suffering, and its implications for morality, spirituality, justice and prayer.

ECCLESIOLOGY

10th grade ~ 1 semester ~ .5 credit

As the study of the Church, Ecclesiology leads students toward a deeper appreciation for the Church as an encounter with Jesus Christ. This course will develop our understanding of the Church in its origins and through its essential images as one, holy, catholic and apostolic. Students will study the mission of the Church as the living Body of Christ as it is expressed through its place in the world, and its essential role in the lives of believers.

SACRAMENTS

11th grade ~ 1 semester ~ .5 credit

The Sacraments course will guide students through an in-depth consideration of the liturgy and the sacraments of the Church. After exploring the liturgical life of the Church and the foundational principles and structure of the liturgy itself, this class will explore the role of Sacraments as graced encounters with the Living Christ. Building on a solid understanding of symbol and ritual, the Sacraments of Christian Initiation will be investigated, followed by the Sacraments of Healing and the Sacraments at the Service of Communion.

CHURCH HISTORY

11th grade ~ 1 semester ~ .5 credit

The purpose of this course is to supply the students with a general knowledge of the Church's history from apostolic times to the present. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him throughout history through the Holy Spirit. This class is offered to students who are not selected for Christian Leadership during the 2nd semester of junior year.

ECUMENICAL AND INTER-RELIGIOUS STUDIES

12th grade ~ 1 semester ~ .5 credit

This course continues the foundation laid in the previous courses, comparing the teaching of the Catholic Church to other traditions, both Christian and Non-Christian, with the goal of increasing human unity through fostering awareness of the great spiritual truths which are found in these other communities as well as understanding the ways in which we differ. This class is offered to students who are not selected for Christian Leadership during the 1st semester of junior year.

CHRISTIAN LEADERSHIP

11th-12th grade ~ 1 year ~ 1 credit

The Christian Leadership course is a one-year Junior/Senior theology elective which is designed to give students the opportunity to learn basic skills in leadership and peer facilitation within a Christian context. Students will develop these skills through activities, classroom lecture, independent reading and directed service to the school community, particularly the freshman class, and through other projects as established by the Counseling Department, and by the class itself. This class is open to juniors and seniors by application only.

**Prerequisite: Special selection process*

CHRISTIAN MORAL LIFE

12th grade ~ 1 semester ~ .5 credit

The purpose of this course is to address the moral formation of students preparing them to be citizens who base their lives upon justice and love. This course provides the students a formal means of evaluating situations and actions in the light of Church teachings. This is the final theology course at Marist.

(08) PHYSICAL EDUCATION & HEALTH

Marist students take 2 semesters of Health and 2 semesters of Physical Education to satisfy State requirements. Typically, these courses are taken in the Freshman and Sophomore years.

HEALTH 1 & 2

9th-10th grade ~ 1 semester each year ~ .5 credit per semester

Health is a Marist and State graduation requirement. One semester is offered in both the freshman and sophomore years. The curriculum covers current health issues with the emphasis on prevention, wellness and decision-making skills. The course is divided into units concerning all aspects of social, mental and physical health. Healthy choices are examined ethically, morally and with the dignity of the person in mind.

LIFETIME FITNESS 1 & 2

9th-10th grade ~ 1 semester each year ~ .5 credit per semester

This class is for freshmen and sophomores taken one semester each year alternating with one semester of health. All Lifetime Fitness classes are co-ed. Students play a variety of team and individual sports. Conditioning and weights will be stressed throughout the semester. Students will be evaluated in three areas: participation, effort and attendance, and strategy and skill tests.

ADVANCED FITNESS

10th-12th grade ~ 1 semester ~ .5 credit

This class is for sophomores, juniors, and seniors looking to challenge themselves physically. This course emphasizes core strength, agility, and fitness.

**Due to the rigorous nature of the class, it will begin at 7:45 a.m. each morning to allow for time to shower prior to second period*

(10) COMPUTER AND INFORMATION SCIENCES

INFORMATION TECHNOLOGY HELP AND SERVICES (iHELP DESK)

10th-12th grade ~ 1 semester ~ .5 credit

Students will be part of a team that is responsible for providing guidance and direction to the effective operation of the iPad, the use of core, required apps, and helping unlock the potential of the device to improve teaching and learning. Students will be asked to assist the Marist Information Technology Department in diagnosing and solving security, hardware, software, and network problems.

**Prerequisites: By application and department approval only*

INDEPENDENT STUDY COMPUTER AND INFORMATION SCIENCES

11th-12th grade ~ 1 semester ~ .5 credit

Student will complete an agreed-upon course of advanced study chosen by the student and teacher.

**Prerequisite: IT Department needs, teacher approval and demonstrated knowledge and ability*

(11) COMMUNICATION AND AUDIO/VISUAL TECHNOLOGY

DIGITAL COMMUNICATION

10th-12th grade ~ 1 semester ~ .5 credit

Students will explore various aspects of communication in the digital age. Projects will include lessons in digital citizenship, cyber bullying, presentation software, digital filmmaking, You Tube, Twitter, proper use of Schoology, and various iPad applications.

**Not repeatable*

NEWSPAPER

10th-12th grade ~ 1 year ~ 1 credit

Students will be involved in all phases of our Spartan Spear newspaper productions from content creation to finished product in this team-style class. The course will cover news and feature writing, interviewing, headline writing, peer editing, layout and design, photography and advertising, particularly as they relate to producing Marist's weekly online newspaper, the Spartan Spear Online, and the quarterly printed version of the Spartan Spear.

**Can be repeated for credit*

ADVANCED NEWSPAPER

12th grade ~ 1 year ~ 1 credit

These students will lead all phases of The Spartan Spear newspaper productions including content decisions, copy writing, copy-editing, headline writing, photography, layout and design of all publications and Photos of the Week.

**This course counts toward Marist Fine Arts requirement*

**Prerequisite: Application and Teacher Approval*

YEARBOOK

10th-12th grade ~ 1 year ~ 1 credit

This class is a business/design team that works all year to create a one-of-a-kind yearbook for the Marist community. The Shield, the Marist yearbook, is an accurate account of the school year and does its best to represent the entire school population. All students will participate in the design and production of The Shield including selling ads to local businesses to offset the cost of production. Student duties include design and layout, information gathering, photography, photography editing, story writing, caption writing and most important completing pages by the assigned deadlines.

**Can be repeated for credit*

ADVANCED YEARBOOK

12th grade ~ 1 year ~ 1 credit

This team of students will lead all phases of producing the Marist yearbook including content decisions, layout and design, research, writing and editing, photo organization and editing, budget planning and marketing, and organization and time management.

**This course counts toward Marist Fine Arts requirement*

**Prerequisite: Application and Teacher Approval*

(21) ENGINEERING AND TECHNOLOGY

ROBOTICS 1

10th-12th grade ~ 1 semester ~ .5 credit

An integration of Science, Math, and Technology skills learned at Marist will be put to use. The class will offer hands-on education in basic electronic circuitry, initial step programming language, electronic test tool usage, non-lead soldering and circuit building, and form and function design using basic CAD tools. The student will put all these skills into action using pre-built robotic modules. Effective integration of functional design will be a key skill in preparation for Advanced Robotics.

**Not repeatable*

ADVANCED ROBOTICS

10th-12th grade ~ 1 semester ~ .5 credit

Students will review the basics of electronic circuitry and learn some advanced circuit design. They will learn sequence instruction, robotic language programming, and build strategies using the BASIC STAMP microcontroller. The student will learn safe methods of circuit design and production. Oscilloscope skills and multi-function circuit testing skills will be taught within the structure of the course. Final grades will depend upon completion of semi-autonomous robot designed and built by the students.

**Prerequisite: Robotics 1*

(22) MISCELLANEOUS COURSES

ACADEMIC STRATEGIES

9th grade ~ 1 semester ~ .5 credit

This course is designed to help students learn strategies as well as provide academic support for their other classes using a variety of methods. The class focuses on organization, time management, goal setting, learning styles, study skills and career/college planning, testing strategies, note taking, and computer application programs such as Photoshop, InDesign, Word, Excel, and Inspiration. Inspiration is a visual learning tool that makes it easy to make diagrams, concept maps, and outlines. This class is taught all year long in conjunction with Health.

**Placement is determined by Placement Test scores and/or recommendation*

STUDENT LEADERSHIP

9th-12th grade ~ 1 year ~ 1 credit

This course will teach students leadership skills, parliamentary procedures, problem-solving/decision making communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes. Specific content will include, but not limited to, study in self-understanding and development in such areas as goal setting, self-actualization, and assertiveness; and study of organization theories and management.

**Meets Monday, Tuesday, and Wednesday morning at 7:15 a.m.*

**Senior class council members only attend the class for the first semester.*

**Prerequisite: Must be an elected or appointed member of student council*