

General Electives

Semester Electives

046 Global Ethics (.5 Cr.)

Grades 10, 11 & 12

This one-semester course engages students to develop a clear understanding of moral ethics. Through the discovery of Catholic moral principles, students will be applying them to current world issues. Class discussions are a major focus of the course as well as developing a strong moral ethic for their lives.

047 Catholic Social Teaching (.5 Cr.)

Grades 11 and 12

This one-semester course presents the catechesis of the Church and the Body of Christ in history: its nature and meaning, images, marks, life and ministry, guide to moral life, and the role of prayer. The course will contain general knowledge of the Church's history from apostolic times to the present. Emphasis is placed on the fact that the Church was founded by Christ through the Apostles and is sustained by him throughout history through the Holy Spirit. Students will come to know that the Church is the living Body of Christ today, and has both divine and human elements.

048 Sacred Scripture (.5 Cr.)

Grades 11 and 12

This one-semester course will introduce the basic principles for understanding and interpreting the Sacred Scripture in the Bible with emphasis on the Scripture's purpose and religious significance. Emphasis is placed on a *sense of the unity of the narrative of the divine plan of salvation, the presence of God's action in the record of his Revelation, and the desire to share his merciful love with us.*

236 CP Introduction to Journalism (.5 Cr.)

Grade 11

This course will introduce students to the interview process, newswriting (both online and print), ethics (including libel and plagiarism) photography and stylebooks. This course is a prerequisite for Journalism/Photo-Journalism.

443 CP Advanced Mathematics Literacy (.5 Cr)

Grade 11 and 12

This is a college preparatory semester course focused on building mathematics literacy across disciplines. This course explores multiple branches of higher level mathematics, including Trigonometry, Probability, and Statistics. Students who are NOT entering fields of Science or Mathematics will benefit from this course in growing mathematics literacy across various fields. The goal of this course is to deepen understanding of concepts in Probability, Statistics, and Trigonometry, as these concepts may be integrated across multiple disciplines. **A calculator is required.**

453 H Introduction to Probability and Statistics (.5 Cr)

Grade 12

Dual Credit offered with LCCC - LCCC requirements must be met. If taking this course for credit a fee is involved.

This course is for students who plan to enter a profession where measurements and predictions are made. Topics include tabulation of data, measures of central tendency and dispersion, sampling, types of distribution, probability, hypothesis-testing, and elementary aspects of correlation. The course may be taken by Marian students as an elective if a student does not want LCCC credit(s). All students planning to take this course for credit must take a placement test administered by LCCC. For credit through LCCC, a student must meet the eligibility requirements set forth by Academic Services of LCCC for acceptance into the program. **A graphing calculator is required.** Prerequisites: A qualifying PSAT or SAT score; Department approval

454 CP College Algebra (.5 Cr.)

Grade 12

Dual Credit offered with LCCC - LCCC requirements must be met. If taking this course for credit a fee is involved.

This course is designed for students planning on continuing their education in a non-mathematical/non-science field. It will build on Algebra skills and include a comprehensive treatment of topics needed for the mathematics placement test for college and a basic college mathematics course required for all four-year programs. The course balances theory with practical application and computation. The course may be taken by Marian students as an elective if a student does not want LCCC credit(s). All students planning to take this course for

credit must take a placement test administered by LCCC. For credit through LCCC, a student must meet the eligibility requirements set forth by Academic Services of LCCC for acceptance into the program. **A graphing calculator is required.** *Prerequisites: A qualifying PSAT or SAT score; Department approval*

536 CP Environmental Science (0.5 cr.)

Grade 11 & 12

This course is designed for students interested in the environment and human interaction with the environment. It covers topics such as ecosystems and biome diversity.

636 CP Sociology (.5 Cr.)

Grades 11 and 12

This course offers a study of the structures of society and the role they play in the way people live and act. Students will explore, discuss and analyze culture, roles in society, social norms, as well as social structures and institutions and social problems today. The class encourages participation of students through class discussion.

637 CP Introduction to Psychology (.5 Cr.)

Grades 12

This semester course offers the scientific study of the human mind and its functions with emphasis on how they affect behavior. Psychology includes the study of human behavior, conscious memory, thought, language intelligence, personality, gender, stress and community influences. The class encourages participation of students through class discussion.

646 CP World Geography (.5 Cr.)

Grades 10, 11 & 12

This semester course will enable students to examine all aspects of geography, providing students with a concrete understanding of major geographic locations, world economic activities, historical and cultural aspects of societies, and an understanding of geographic tools and themes. This material will be explored using lesson presentations and the student text as well as supplemental readings, map studies, and current events.

648 PA Heritage

Grades 10, 11 & 12

In this course, students explore historical, geographic, economic, and political aspects of the Commonwealth of Pennsylvania and our local communities. Map skills, current events, and appreciation of Pennsylvania's role in the United States are incorporated. Materials include textbook and supplemental information via periodicals and online resources.

649 CP History of Sports (.5 Cr.)

Grade 10, 11 & 12

This semester course will examine various sports at the international, national, and local levels. It will trace these sports from their origins to the present, examining successes and failures along the way. Interesting readings and research will be incorporated.

734 CP Music in Film & Media (.5)

Grades 10, 11 & 12

This course is designed to help students to become aware of the role that music plays in a film and other media. Students will be expected to analyze and describe mood, style, and intention using proper industry terminology. Students will learn about the history of the music in film and the technologies used in the past as well as modern devices.

736 Music Theory (.5 Cr.)

Grades 11 and 12

This course is offered for any student who would like a better understanding of the theory behind music. The class is for both intermediate and advanced musicians. This class is intended to make the student an all-around better musician. *Department approval is needed.*

738 CP Introductory Art (.5 Cr.)

Grades 10, 11 & 12

This semester course presents a diverse program for beginners. It combines developing basic skills and creative thinking along with two-dimensional experiences with pen and ink, charcoal, and tempera painting. As part of the course requirements the students will be responsible for the senior play scenery.

848 CP Domestic Science (0.5 cr.)**Grade 12**

This course provides students with real world skills needed to survive independently in a future dorm or apartment. Skills include cleaning, cooking, doing laundry, and making small home repairs.

922 CP STEM (.5)**Grade 9 and 10**

This is a semester elective for students to be introduced to basic STEM projects working individually and collaboratively gaining "hand-on" experiences. This course is designed to enhance individual learning styles. This course may be scheduled in place of an APP – Academic Prep Period.

932 CP STEM Virtual & Robotics (.5 Cr.)**Grade 11 or 12**

In this course, students will be fully engaged in in-depth projects working individually and collaboratively in a variety of STEM project experiences which focus on "hands-on" project-based learning. Through each experience, students will come to the realization of how virtually important Science, Technology, Engineering, and Math is to our world in the 21st Century. This course is designed to be a student-centered experience to enhance each learning preference and/or style. Students will lead their own learning through self-discovery and become a representative of their chosen area of STEM.