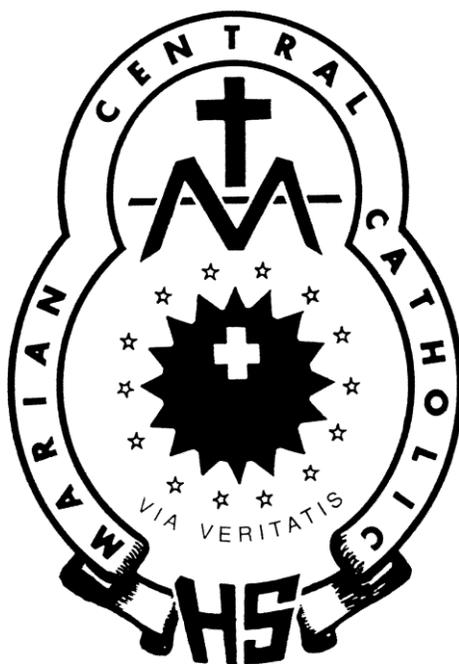


Marian Central Catholic High School



Curriculum Guide 2022 - 2023

NURTURING FAITH ~ IMPARTING KNOWLEDGE ~ INSPIRING ACHIEVEMENT

CURRICULUM GUIDE

2022-2023

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COURSE REGISTRATION

PROCEDURES

1. Use this guide to help plan your courses for the upcoming 2022 - 23 school year by making tentative course selections.
2. Complete the appropriate planning sheet in this guide and have it with you when you register online.
3. Registration will take place during the month of February.
4. The registration fee is \$300. It is non-refundable. If the fee is paid by February 11, 2022, a discount will be allowed making the amount due \$225.
5. All returning students will register for courses online. After the registration fee has been paid, including any AP fees, a student's course selections will be entered in the scheduling system.
6. Due to limited enrollment in some classes, it is advisable that all registration fees are paid in a timely manner. Should a course fill up prior to a student's registration fee being paid, he/she will be enrolled in an alternate course.
7. Incoming Freshmen are required to make a non-refundable tuition down payment in addition to paying the registration fee.

NON-REFUNDABLE FEES

<u>Registration</u>	\$300.00 (\$225 if paid by February 11, 2022)
<u>Advanced Placement Course</u> (Fee must be paid through Guidance before student is registered in course)	\$100.00
<u>Course Change Fee</u>	\$30.00 (after March 25, 2022)

ACADEMIC PROGRAM

INTRODUCTION

This curriculum guide has been designed to present the educational program that is offered at Marian Central Catholic High School. Marian shares with parents and parishes in the teaching mission of the Church in McHenry County. In light of the school's mission to "welcome all who seek the Truth and strive to live by it" and "form students in mind, body, and soul through our college preparatory curriculum," Marian encourages students to pursue excellence through the curricular opportunities available.

SCHEDULE PLANNING

Concerned participation of parents, students, and school staff is the key to student success in selecting appropriate courses on an as-needed basis. Parents who take an active part in helping the student make appropriate choices share with the school staff the responsibility of directing the student toward the program that will meet his/her optimum needs. The more informed a student becomes, the better s/he will be able to make decisions concerning the future.

Although returning students will register for courses online, Marian's Guidance Department and Administrators will assist students in making appropriate class schedule choices. When planning a program please note that there are courses in the curriculum that are designed for specific levels of instruction and some that demand a certain background in order to perform at an expected level.

Parents and students should keep a record of the number of credits a student has already earned. The Plus Portals report card indicates the number of cumulative credits the student has earned. Each student is responsible for making their own arrangements to make up required courses that s/he has failed. The student's program should include those courses necessary to meet graduation requirements (24 credits) and post-high school career plans.

ADVISORY PROGRAM

The Advisory Program promotes meaningful relationships between staff and students while providing an avenue for spiritual development, academic/future planning, wellness activities, and charitable works.

TIME SCHEDULE

The educational schedule for an uninterrupted school day is divided into seven forty-five minute class periods and one 25 minute period for the Advisory Program.

ACADEMIC RESOURCE PROGRAM

Marian Central Catholic High School has high expectations for all students and provides a challenging course of studies with an emphasis on a rigorous core curriculum. Within this defined curriculum, Marian Central strives to meet the needs of **all** students.

Marian Central's Academic Resource Program serves students who need additional academic support to succeed in a college preparatory environment. Students accepted in this program have a diagnosed disability that affects their educational performance. The program provides an increased level of support whereby individual goals are addressed and appropriate accommodations within the general education setting are

provided through the development of an Individual Services Plan (ISP). Accommodations are handled through the Marian ISP which is developed using documentation of the student's disability and is provided by the parent. All accommodations are confidential between the family, faculty and the Director of Academic Resource.

Academic Resource at Marian Central is available for any student with documentation of a need for academic accommodations. Accommodations are classroom-based alterations. They do not change the curriculum, just the way the student accesses it. Students at the lowest level of support may be enrolled in honors or AP classes and have the option of a study hall available. Students with a moderate need for support may be enrolled in all regular or even some smaller sized classes and have a study hall highly recommended. Finally, student with a high need for support may be enrolled in courses where there is a smaller class size, allowing for more individualized attention to the areas of need for each student. These students will also require a mandatory study hall in their schedule.

The goal of Marian Central's Academic Resource Program is to teach students to become self-advocates for their individualized learning needs as they move to the college level. The Academic Resource Program Director is in regular contact with students' content area teachers and parents, as well as the student directly. Families interested in enrolling their student in this program are to contact the Academic Resource Director.

ACADEMIC ASSISTANCE

There are varieties of avenues in which students can receive additional assistance and be successful in their classes.

- Students may obtain help from teachers before or after school by making appointments with individual teachers.
- A peer-tutoring program is available for students through the National Honor Society. To access the NHS tutoring program, parents or students are to contact the Guidance Department.
- Online monitoring of grades is available to all families through the school's web-based grading portal.

Marian Central respects the individuality and personal needs of each student, and we do so within our curricular standards. We offer a challenging curriculum that provides students the opportunity to reach their educational goals. Ultimately, however, it is the student's responsibility to put forth the needed effort in order to achieve success in the school's program.

HONORS COURSES

Eligibility for freshman level honors and advanced placement courses is determined by a selection committee based upon a qualifying score on the Marian High School Placement Test, standardized assessment results from middle school, and middle school grades. Each department, based upon work habits and past performance, determines eligibility for sophomore, junior, and senior level honors courses. Enrollment in an honors or an advanced placement course is limited due to the nature of the course. Enrollment in these challenging courses is for mature students who have already developed academic responsibility and solid work habits. Students in these rigorous courses should expect extensive assignments and must assume responsibility for daily class participation. Only those students whose skills and past academic records are the strongest in relationship to the available candidates are selected for these advanced courses. The following honors courses are available:

- | | |
|--------------|---|
| Business: | Innovative Design and Entrepreneurial Applications (IDEA)-H |
| Engineering: | Engineering Design and Development-H, Engineering Coding-H |
| English: | English 1-H, English 2-H, English 3-H |

Mathematics:	Algebra 1-H, Geometry-H, Algebra 2-H, Pre-Calculus-H
Performing Arts:	Concert Choir-H, Concert Band-H
Science:	Biology 1-H, Chemistry 1-H, Comparative Anatomy & Physiology-H, Chemistry 2-H
Visual Arts:	Art 3-H, Art 4-H
World Languages:	French 3-H, Spanish 3-H, French 4-H, Spanish 4-H
Theology	Theology 3-H, Theology 4-H

ADVANCED PLACEMENT COURSES

The Advanced Placement Program provides students with the opportunity to pursue college-level studies while still in secondary school to receive advanced placement or credit or both, upon entering college. Each department, based upon work habits and past performance, determines eligibility for Advanced Placement courses. *Students who enroll in an advanced placement course are expected to take the advanced placement exam.* The College Board charges a fee for each exam taken. As a result, students who enroll in an advanced placement course must pay a non-refundable \$100 course fee, which includes the cost of the exam. The Advanced Placement course fee is to be paid in Guidance at the time of registration in order to be scheduled in the course. Advanced Placement courses are offered in the following:

English:	AP English Language and Composition, AP English Literature and Composition
Mathematics:	AP Calculus AB, AP Statistics
Science:	AP Biology, AP Physics 1, AP Physics C: Electricity and Magnetism; AP Physics C: Mechanics
Social Sciences:	AP Human Geography, AP World History: Modern, AP U.S. History, AP Psychology, AP U.S. Government and Politics, AP Comparative Government and Politics, AP Macroeconomics, AP Microeconomics

DUAL CREDIT OPTIONS with MCHENRY COUNTY COLLEGE

Students who enroll in the following Marian courses, will (once appropriate forms are filled out) simultaneously be enrolled in McHenry County College (MCC) and have the potential to earn college credits (indicated below) after the successful completion of each course.

Business:	Innovative Design and Entrepreneurial Application (IDEA) H	1 Full Credit @ Marian, 3 MCC credits
	Introduction to Business	½ Credit @ Marian, 3 MCC credits
	Principles of Marketing	½ Credit @ Marian, 3 MCC credits
Science:	Chemistry 2 H	1 Full Credit @ Marian, 4 MCC credits
Social Sciences:	US Government	½ Credit @ Marian, 3 MCC credits
	AP US Government and Politics	½ Credit @ Marian, 3 MCC credits

MCHENRY COUNTY COLLEGE PARTNERSHIP FOR COLLEGE AND CAREER SUCCESS PROGRAM

McHenry County College's Partnership for College and Career Success (PCCS) program gives the student a chance to start working on a professional certificate or associate degree while still in high school. Marian offers one high school credit per program and the grades earned from MCC will be calculated into the student's Marian GPA. Students will be allowed to participate in select classes, which, in turn, will require enrollment in a first hour study hall. Once a student completes a PCCS program and we receive official transcripts from

MCC, Marian will place the grade(s) earned in each class(es) within the program on a student's high school transcript. In addition, any student completing the PCCS program (junior or senior) will be recognized and given an award during our yearly Honors Day ceremony.

Registration and tuition for these courses are handled directly through MCC. Students provide their own transportation. For more in depth information on the PCCS program please visit the McHenry County College website at <https://www.mchenry.edu/pccs/> (See page 48 for course offerings)

CORRESPONDENCE COURSES (CREDIT RECOVERY)

Students who must make up credit take correspondence courses, for the most part. Normally, no more than 2.5 credits through correspondence and/or other approved makeup course work may be counted toward graduation. If a course is taken as part of credit recovery for a required course, student must successfully pass the credit recovery course by the end of the semester following the semester in which the failure occurred. (Summer would be considered the semester after spring) The Curriculum Director, prior to enrolling in the course, must approve all correspondence courses.

GRADE CLASSIFICATION

A student must have earned six units of credit for sophomore standing, twelve units of credit for junior standing, and eighteen units of credit for senior standing.

COURSE CHANGES

After the online course registration window in February, final decisions are made as to the number of sections for classes as well as for staffing considerations. The Administration makes decisions at this time so that they can secure the most qualified individuals for the staff for the coming school year. Sometimes because of student enrollment patterns, the student's original course selections may need to be altered and new course selections made.

Because scheduling information and staff needs are based on the students' original registration, we discourage students from adding or dropping courses. However, a student who wishes to drop or add a class after registration must contact the Guidance Department. After obtaining permission of one of the guidance counselors, a course may be dropped or added. **Students who are allowed to change their schedule will be assessed a \$30 processing fee for schedule changes made after March 25, 2022.**

CHANGING LEVELS

Marian Administration and Staff pride ourselves in ensuring that we guide our students to select courses in which they can be appropriately challenged as well as successful in. If, however, there comes a point in which a significant discrepancy between the student's performance and the expectation for that class is clearly identified, a level change may be considered. A Level Change Form will require a teacher, parent, student, counselor, and department head's signatures and must be approved by the Curriculum Director. A Level Change Form can be found in the Guidance Office. If there is not a consensus in placement recommendation, a conference should be held among parent, teacher, student, and department head to determine appropriate placement. Please understand that changes, if approved, can only occur at the end of a grading period and as the student's schedule permits. Additionally, certain courses have a specified deadline in which to change. No changes will be made to accommodate personal preference.

GRADUATION REQUIREMENTS

CREDITS

Marian Central requires twenty-four (24) credits for graduation:

Credits	Department/Courses
4	English
2	Fine Arts Credits: World Languages, Art, Music, or Theater
3	Mathematics
3	Physical Education/ Health/First Aid
3	Science (Biology included)
3	Social Sciences (Consumer Economics, Government, U. S. History)
4	Theology
2	Electives
24	Total

The minimum course load for each student, each semester is six (6) credits taken at Marian Central. Each student must earn a passing grade in United States History and a Constitution test covering the Federal and State Constitution, the Declaration of Independence, voting procedures and flag etiquette.

All students must successfully complete six credits per year. All required courses **and** the required number of electives that will count toward graduation must first be taken at Marian Central. Additional elective courses may be taken in an approved program but will not appear on the Marian transcript until the required courses/electives in that content area are completed. Failures in required courses must be repeated and passed in an approved program. (See correspondence courses, pg. 7) Failures in elective courses may necessitate the student making up the deficient credits in an approved summer program. A student lacking these requirements will be placed on academic probation and may not be able to continue his/her education at Marian Central.

PHYSICAL EDUCATION POLICY

All students at Marian Central Catholic High School High School must be enrolled in PE for every year enrolled in high school (up to 4 years) with the exception of juniors & seniors who may qualify for a graduation requirement waiver.

PHYSICAL EDUCATION WAIVERS

1. Juniors or seniors may request waivers from PE according to the guidelines defined under PROVISIONS.
2. Students seeking provisions must have all the PE credits required for junior status (i.e.: 2) or senior status (i.e.: 2.5) physical education/health/first aid credits. Students requesting waivers in this case will be asked to complete the waiver request form.
3. Requests must be made on the form entitled "PE Waiver Request Form" available in the Guidance Office.
4. Waiver requests should be completed and turned in during registration.
5. Each request for exemption will be verified, and eligibility will be determined, on a case-by-case basis by the Director of Guidance and approved by the Curriculum Director.
6. Completed forms will be kept on file in the Guidance Office.

7. If a student on a PE waiver drops the course in which the exemption was made, the student will lose his/her physical education waiver and will be placed back into a physical education class.

PHYSICAL EDUCATION WAIVER PROVISIONS

The following provisions are the only provisions by which junior and senior students will be exempt from physical education courses.

PROVISION 1 - COLLEGE ADMISSION REQUIREMENTS

A student must waive PE in order to be able to take a course or courses, which are specifically required for admission to college.

PROVISION 2 - LOCAL GRADUATION REQUIREMENTS

A student who lacks sufficient course credit of one or more courses required by state statute or local school board policies for graduation may request a waiver from physical education. This waiver will allow the student to take seven (7) courses in their schedule and will fulfill Marian Central Catholic High School graduation requirements in the areas for which the student is deficient.

Students who have failed required courses, transferred into the school with deficient credits, or who lack credits due to other causes will be eligible to apply for the above exemption.

COLLEGE BOUND STUDENTS

Appropriate academic preparation for college-level studies is important. Students who enter college with a strong college preparatory curriculum have a better chance to succeed academically and are more likely to be admitted to the programs of their choice. Many four-year colleges and universities have set these minimum high school course requirements for admission.

- 4 credits of English
- 3 or 4 credits of Mathematics
- 3 or 4 credits of Laboratory Sciences
- 3 credits of Social Sciences
- 2 or 3 credits of the same World Language
- 1 credit of Fine Arts (Music, Art, or Theater)

****Please note that successful applicants to highly selective colleges and universities and competitive direct admission programs typically exceed these requirements listed above. In order to ensure that the student has chosen the required courses for the potential college or university of his/her choice, please check with each school for a specific list of admission requirements.**

COLLEGE BOUND ATHLETES: NCAA Eligibility

For those students who plan to play sports at an NCAA Division I or II school, there are specific academic requirements including:

- Graduation from High School
- Completing 16 NCAA-approved core courses
- Earning a minimum GPA
- Earning an ACT or SAT score that matches the student's core-course GPA

The Marian Central Catholic High School Curriculum Guide indicates NCAA-approved courses with an asterisk (*) after the course title.

For more information, please go to the NCAA Eligibility Center website at www.eligibilitycenter.org.

BUSINESS DEPARTMENT

PHILOSOPHY

The Business Department is dedicated to the principles and daily classroom instruction of Catholic values and beliefs in the instruction of real-world business applications in Accounting, Business, Marketing and Entrepreneurship.

ACCOUNTING 1

Grades: 10 11 12 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: None

This course addresses the needs of students who want a foundation in basic accounting. The course emphasizes the accounting procedures for service and merchandising businesses and the use of the general ledger approach. Also covered are payroll and banking procedures, accruals and deferrals, and an overview of income taxes.

ACCOUNTING 2

Grades: 11 12 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: C or higher in Accounting 1 each semester

This course provides an in-depth study of accounting methods for a sole proprietorship, partnership, and corporation. The accounting methods of budgeting, managerial decision-making, and formal financial statement analysis are introduced to the students. In addition, students are required to complete a computerized simulation set using Excel software.

INTRODUCTION TO BUSINESS (Dual Credit Class with McHenry County College - MCC)

Grades: 10 11 12 Length: Semester (offered only Semester 1)
Credit: 0.5 Value Scale: Regular
Prerequisites: None *MCC: BUS150 for 3 credits*

This course is designed to introduce students to the basic concepts and functions of business, and how the buying and selling of goods and services shapes the very essence of our economy. Students will explore basic economic concepts and study the business cycle. Students will learn about business ethics and social responsibility, becoming an entrepreneur, and how to design a business plan. Students will examine business ownership and operations, discuss the role of e-commerce, and examine its influence on the global marketplace. Students will also do a comparison/contrast of government as both a regulator and provider, and examine money and financial institutions. Finally, students will end with an overview of the marketing and advertising functions.

PRINCIPLES OF MARKETING (Dual Credit Class with McHenry County College - MCC)

Grades: 10 11 12 Length: Semester (Offered only Semester 2)
Credit: 0.5 Value Scale: Regular
Prerequisites: None *MCC: MKT110 for 3 credits*

This business marketing course is designed to help students learn the foundations of business marketing, and how marketers use behavioral- and data-driven decisions to promote the products and services that we purchase daily. For students, it's vital to know how marketing concepts work in

business and global economies. This course explores the basics of marketing principles, concepts and themes. By better understanding ourselves as consumers in the marketplace, students can learn how marketing drives the economic engine that satisfies people's wants and needs.

INNOVATIVE DESIGN AND ENTREPRENEURIAL APPLICATIONS-H (IDEA-H) (Dual Credit Class with McHenry County College - MCC)

Grades: 10 11 12

Length: Year

Credit: 1

Value Scale: Honors

MCC: BUS160 for 3 credits

Prerequisites: At least one business class taken previously, preferred.

This course is designed to inspire students to become entrepreneurs. Students will be interacting with a variety of community and business experts as they create and develop their own product or service. Students will be developing a business model, experimenting, and testing the model throughout the year. They will also learn and apply business concepts such as designing and constructing their product/service, marketing, accounting, and understanding the legal aspects of running a business. Students hone their collaboration skills as they work in student teams, learning directly from business mentors and coaches from the local community. Commitment to full year & lab fee may be required.

ENGINEERING DEPARTMENT

ENGINEERING: DESIGN and DEVELOPMENT - HONORS

Grade: 11 12

Length: Year

Credit: 1

Value Scale: Honors

Prerequisites: B or higher in previous math course each semester

This course offers students an introduction to various aspects of engineering. The course assumes no previous knowledge of engineering. The course covers the foundational components of systems engineering, the concept development stage every viable system must go through, and the process steps of the engineering development stage. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.

ENGINEERING: CODING – HONORS

Grade: 11 12

Length: Year

Credit: 1

Value Scale: Honors

Prerequisites: B or higher in previous math course each semester and Departmental approval.

This course will cover programming techniques using the JAVA language. There is no previous programming experience required. You will learn how to code using the JAVA language using OOP. During this course, you will understand variables, documentation, loops, conditional statements, classes, methods, arrays, inheritance, exception handling, files, recursion, and input output. In addition to this, you will also learn how to write apps.

appropriate grammatical choices. Additionally, students read and analyze rhetorical elements and their effects in non-fiction texts, including images as forms of text, from many disciplines and historical periods.

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION*

Grade: 12

Length: Year

Credit: 1

Value Scale: AP

Prerequisites: A in English 3 Honors each semester and Departmental determination; or
B or above in AP Language each semester and Departmental determination

This course includes readings in British, American, and World Literature. Students prepare for the AP English Literature and Composition exam and may earn college credit. Preparing for the Advanced Placement Examination in English is a cooperative venture between the students and the teacher. Students read widely and reflect on their reading through extensive discussion, writing and analysis. The teacher complements the efforts of the students by leading discussions and by providing assignments that help students develop critical standards in their reading and writing.

MATHEMATICS DEPARTMENT

PHILOSOPHY

The philosophy of the Mathematics Department is to provide all students with a challenging course of study that will build basic skills and develop a feeling for and an appreciation of the mathematical sciences. The department recognizes individual differences in both background and ability and offers its course selections accordingly.

MATHEMATICS SEQUENCES

Three full credits of Mathematics are required

Pattern	Grade 9	Grade 10	Grade 11	Grade 12
1	Algebra 1 Essentials	Geometry	Algebra 2	
2	Algebra 1	Geometry	Algebra 2	Pre-Calculus
3	Algebra 1H	Geometry H	Algebra 2H	Pre-Calculus H AP Calculus AB AP Statistics
4	Geometry H	Algebra 2H	Pre-Calculus H AP Calculus AB	AP Calculus AB AP Statistics
5	Algebra 2H	Pre-Calculus H AP Calculus AB	AP Calculus AB AP Statistics	AP Calculus AB AP Statistics College Option

***Only seniors are allowed to take two Mathematics courses concurrently.**

CALCULATOR POLICY

For all regular and honors sections, Texas Instruments model TI-84 is required. **Students are preparing for the ACT in all levels of mathematics.**

ALGEBRA 1 ESSENTIALS

Grade: 9

Length: Year

Credit: 1

Value Scale: Regular

Prerequisite: None

Algebra 1 Essentials teaches the basic concepts of Algebra 1. Topics covered include equations, inequalities, polynomials, algebraic functions, systems of equations, graphing on the number line and coordinate plane, radical expressions, verbal problems, factoring of polynomials, operations and applications with rational expressions, graphing lines, systems of equations, and operations with polynomials. A smaller class size will allow for more individualized attention to the areas of need for each student.

ALGEBRA 2*

Grades: 11 12 Length: Year

Credit: 1 Value Scale: Regular

Prerequisites: Completion of Algebra 1 **and** Geometry or Departmental determination

Topics covered in the course include polynomial manipulation, rational expressions, coordinate geometry, graphing (linear and nonlinear), systems of equations, matrix theory, exponential and logarithmic functions, and as time permits, conic sections, sequences, series, probability, and statistics. Preparation for the ACT is also provided.

ALGEBRA 2-HONORS*

Grades: 9 10 11 Length: Year

Credit: 1 Value Scale: Honors

Prerequisites: B or higher in Geometry Honors each semester **or** an A in all Semesters of Geometry

Freshmen: Departmental determination may include:

An A each grading period of eighth grade Geometry Honors

Qualifying score on the Marian placement test

Qualifying levels on 8th Grade Measures of Progress

The material taught in Algebra 2 will be taught at an accelerated pace and the expectations are greater. The problems assigned are more difficult. The acceleration of the course will allow time for additional topics in Analytic Geometry and Trigonometry to be studied. Preparation for the ACT is also provided.

PRECALCULUS*

Grades: 11 12 Length: Year

Credit: 1 Value Scale: Regular

Prerequisites: Minimum grade of C each semester of Algebra 1, Geometry and Algebra 2

During the first semester, students will concentrate on trigonometry. Second semester topics will include sequences, series, exponential and logarithmic functions, combinatorics, and an introduction to probability.

PRECALCULUS - HONORS*

Grades: 10 11 12 Length: Year

Credit: 1 Value Scale: Honors

Prerequisites: B or higher in Algebra 2 Honors each semester

This course is an introduction to many of the topics found in a college-level mathematics course. Topics to be studied include trigonometry and its applications, logarithms, exponentials, matrices, sequences, series, counting principles, and probability. Students will be expected to maintain an accelerated pace.

ADVANCED PLACEMENT CALCULUS AB*

Grade: 11 12

Length: Year

Credit: 1

Value Scale: AP

Prerequisites: B or higher in previous honors math course each semester and Departmental determination
A score of 63 or above on the math portion of the PSAT

This course is a rigorous exploration of analytical geometry and college calculus specifically designed to provide students with advanced placement opportunities in college mathematics curriculums. Students prepare for the AP Calculus exam and may earn college credit. This class is structured for students that may have college majors in mathematics, the physical sciences, engineering, and similar disciplines. Topics to be studied include limits, derivatives, integrals, and their applications. Students will prepare for the AP exam and should assume considerable responsibility for the extensive work that this course demands.

ADVANCED PLACEMENT STATISTICS*

Grades: 12

Length: Year

Credit: 1

Value Scale: AP

Prerequisites: B or higher in previous honors math course each semester and Departmental determination

This course is designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students prepare for the AP Statistics exam and may earn college credit. Topics introduced the exploratory analysis of data and numerical techniques to study patterns, methods of valid data collection, probability as the tool for anticipating what distributions of data should look like and confirming models through statistical inference.

MUSIC DEPARTMENT

PHILOSOPHY

The goal of the Music Department is to develop self-sufficient, independent musicians. By careful instruction, the students must be able to call upon their own sensitivity to create the finest sound possible. Desire, drive, determination, dedication, and self-discipline are important qualities to be developed so those students can experience the satisfaction of performing music well. Individual preparation of music at home is a part of the routine to achieve fine musicianship and rewarding performances. To achieve these goals the music department has developed an aesthetically structured environment with enough flexibility to maintain an individualistic approach to education in music. By adhering to the above, all students will experience success.

BEGINNING GUITAR - LEVEL 1

Grades: 9 10 11 12 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: None

This course is designed for students with no previous guitar experience. Students will receive guidance and direction in solving problems related to playing the guitar at the beginning level and will learn many of the different styles, skills, and techniques required to become a successful guitarist. Areas of concentration include correct posture, note reading, aural skills, flat-picking, rhythmic patterns, chord study, finger-picking style, musical forms, improvising and performing experiences. *Students will be required to provide their own instrument.*

INTERMEDIATE GUITAR - LEVEL 2

Grades: 9 10 11 12 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: Beginning Guitar Level 1 or Audition

This one-year course is designed for students with moderate guitar experience. Students will receive guidance and direction in solving problems related to playing the guitar at the intermediate level and will learn many of the different styles, skills and techniques required to become a successful guitarist. Areas of concentration include full fretboard technique/knowledge, note reading, aural skills, flat-picking, rhythmic patterns, chord study, finger-picking styles, musical forms, improvisation and performing experiences. *Students will be required to provide their own instrument.*

ADVANCED GUITAR - LEVEL 3 (NEW)

Grades: 11 12 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: Intermediate Guitar Level 2 or Audition

This one-year course is designed for students looking to continue with guitar experience. Students will receive guidance and direction in solving problems related to playing the guitar will learn many of the different styles, skills and techniques required to become a successful guitarist. Areas of concentration include full fretboard technique/knowledge, note reading, aural skills, flat-picking, rhythmic patterns, chord study, fingerpicking styles, musical forms, improvisation and performing experiences. *Students will be required to provide their own instrument.*

BEGINNING PIANO - LEVEL 1

Grades: 9 10 11 12 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: None

This course is designed to stimulate student growth in piano through the use of performance, basic theory, listening to piano performance and history of piano performance. Students will be learning pieces based on their previous level of experience. All of the students will also complete work in music theory and history to teach them the knowledge necessary to form a lifelong enjoyment of music.

INTERMEDIATE PIANO - LEVEL 2 (NEW)

Grades: 9 10 11 12 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: Beginning Piano I or Audition

This course is designed to stimulate student growth in piano through the use of performance, intermediate theory, listening to piano performance and history of piano performance. Students will be learning pieces based on their previous level of experience. Students will also complete work in music theory through analysis and performance. Students will also study history to teach them the knowledge necessary to form a lifelong enjoyment of music.

CONCERT BAND

Grades: 9 10 11 12 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: Background in and ability to read instrumental music, preferred
Open enrollment for incoming Freshmen

The members of this course make up the Concert, Pep and Jazz Bands. The Concert Band meets daily and performs two major concerts during the school year. All members enrolled in the instrumental music program will have the opportunity to perform varied styles of music. Emphasis will be placed on balance, blend, intonation, counting, scales, proper tone production, breath support, and sight-reading. All members of the Concert Band must participate in the Pep Band. The Pep Band performs for all home varsity football games, as well as some boys' basketball, girls' basketball and volleyball games. Participation in the Illinois High School Association (I.H.S.A.) Spring Solo and Ensemble Festival is strongly encouraged. Upon completion of his/her term in band, each student will possess a more in-depth knowledge of band literature, skill in music reading and interpretation, and practical sight-reading skills.

CONCERT BAND – HONORS

Grades: 10 11 12 Length: Year
Credit: 1 Value Scale: Honors
Prerequisites: Sophomores: enrolled in band freshmen year
Juniors: enrolled in band for both freshman and sophomore years
Seniors: enrolled in band for freshman, sophomore and junior years
B or higher in Band each semester

In addition to the regular course requirements for advanced band, a musical project will be required each quarter. Attendance at approved outside-of-school musical performances will also be required. Specific requirements to be provided by the instructor.

CONCERT CHOIR

Grades: 9 10 11 12

Length: Year

Credit: 1

Value Scale: Regular

Prerequisites: Background in vocal music is helpful, but not required
Open enrollment for incoming Freshmen

The members of this group make up the Concert Choir. It meets daily and performs two major concerts during the year. All members enrolled in the vocal music program will have the opportunity to perform varied styles of music. Emphasis will be placed on balance, blend, intonation, counting, scales, proper tone production, breath support, proper diction, and sight-reading. All members of the Concert Choir will also participate in the Mass Choir. This group will perform for all of the All School Masses. Marian also offers Jazz Choir. The Jazz Choir performs pop music with the addition of choreography. Members of this group are chosen by audition. The Madrigal Singers perform music of an Old English flavor with the addition of period costumes. Both of these groups practice before or after school. Membership is also by audition. Participation in the Illinois High School Association (I.H.S.A.) Spring Solo and Ensemble Festival is strongly encouraged. Upon completion of his/her term in chorus, each student will possess a more in-depth knowledge of choral literature, skill in music reading and interpretation, and practical sight-reading skills.

CONCERT CHOIR - HONORS

Grades: 10 11 12

Length: Year

Credit: 1

Value Scale: Honors

Prerequisites: Audition May be required upon request. Strong background in vocal music.
Ability to read music. Enrolled in chorus for all previous school years. B or higher in Chorus each semester

This is a logical progression from concert choir. Members of this group will perform music of a higher degree of difficulty compared to the regular level choir. Much of this music will be performed a cappella and will cover a variety of styles. The group will also perform at the two major concerts during the year. This group will also join the concert choir for the All School Masses. Members will also be able to audition for jazz choir and madrigals. Participation in the IHSA solo and ensemble contest is strongly encouraged, as is auditioning for IMEA. In addition to the regular advanced chorus requirements, a musical project will be required each quarter. Attendance at approved outside-of-school musical performances will also be required. Specific requirements to be provided by the instructor.

PHYSICAL EDUCATION DEPARTMENT

PHILOSOPHY

The Physical Education Department is designed as an integral part of the total education at Marian with the goal of helping students become committed toward achieving high levels of health, fitness training, and emergency preparedness. The Physical Education Department promotes physical fitness as a lifetime activity.

PHYSICAL EDUCATION 1/HEALTH

Grade: 9 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: None

The focus of this course is on personal fitness. Through various activities in the gym, weight room and in health classes, students will be able to develop a personal fitness program. Opportunities for participation in various team sports will also be provided. The health portion of the course is designed to help students learn the value of living a healthy lifestyle both physically and mentally. Material covered in this course will include fitness and wellness, substance abuse, and vaping.

PHYSICAL EDUCATION 2/FIRST AID

Grade: 10 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: Physical Education 1/Health

This course reinforces the basic skills learned in freshman physical education. The sophomore physical education course teaches student more advanced skills necessary for many team and individual sports. The use of the weight room will also be part of the sophomore program. The First Aid unit provides students with the knowledge and skills, including being proficient in using CPR and AED to cope in an emergency medical situation until professional help arrives.

PHYSICAL EDUCATION 3

Grade: 11 Length: Semester
Credit: 0.5 Value Scale: Regular
Prerequisites: Physical Education 2/First Aid

This co-educational course reinforces the skills learned in freshman and sophomore physical education. The emphasis of this course is on lifetime activities.

PHYSICAL EDUCATION 4

Grade: 12 Length: Semester
Credit: 0.5 Value Scale: Regular
Prerequisites: Physical Education 3 or Junior PE waiver

This course not only reinforces the skills mastered in freshman, sophomore, and junior physical education, but also provides students with the opportunity to participate in individual sports and weight room activities.

FITNESS FOR LIFE

Grade: 12

Length: Semester

Credit: 0.5

Value Scale: Regular

Prerequisites: Physical Education 3 or Junior PE waiver AND Departmental Determination

In this course, various training methods will be used to improve individual strength and flexibility. This is an activity course designed to help all students (athletic and non-athletic) gain an understanding of how to develop overall physical fitness including cardiovascular fitness, muscular strength, endurance, coordination, flexibility, and relaxation techniques. Students will learn how to design a personal fitness plan that can be utilized after high school. Maximum enrollment 25 students per class)

SCIENCE DEPARTMENT

PHILOSOPHY

The philosophy of the Marian Central Science Department encompasses two aims. One aim is to help students become acquainted with scientific facts and with the general ideas that are built upon them. The second aim is to understand what science is, to feel its spirit, to appreciate its methods and to recognize its limitations. Upon this understanding depends one's ability to participate intelligently in the life of our scientific age. In each course, we will emphasize the analytical science skills necessary to succeed on standardized tests and in college.

SCIENCE SEQUENCES

Three full credits of science are required; one of which must be Biology.

SCIENCE SEQUENCES

Three full credits of Science are required; one of which must be Biology

Pattern	Grade 9	Grade 10	Grade 11	Grade 12
1	General Science	Biology 1	Chemistry 1	Physics *Comparative Anatomy H
2	Biology 1	Chemistry 1	Physics *Comparative Anatomy H	Physics *Comparative Anatomy H
3	Biology 1 H	Chemistry 1 H	Physics Comparative Anatomy H Chemistry 2 H AP Biology	Physics Comparative Anatomy H Chemistry 2 H AP Biology AP Physics 1 AP Physics C

*If prerequisites are met and with teacher recommendation

GENERAL SCIENCE*

Grade: 9

Length: Year

Credit: 1

Value Scale: Regular

Prerequisites: Concurrent enrollment in Algebra 1 Essentials

General Science is an introductory lab and lecture course that explores the basic concepts of chemistry, physics, earth science and astronomy that are essential for helping students attain a better understanding of their physical environment. The course will involve exposure to the laboratory setting, the collection of data, and the analysis of the data to reach conclusions. Basic mathematical operations will be reviewed and used with the idea of improving skills in this area with focus toward reinforcing skills leading to better ACT performance. The course will give the students practice using scientific processes and applying them to an assortment of topics related to the science and technology within the context of modern society. A smaller class size will allow for more individualized attention to the areas of need for each student.

BIOLOGY 1*

Grades: 9 10

Length: Year

Credit: 1

Value Scale: Regular

Prerequisites: Freshman - Concurrent Enrollment in Algebra 1
Sophomores –General Science

This lab and lecture course is designed to develop an understanding of the (1) nature of scientific inquiry, (2) limitations of science, (3) diversity of life and interrelationships among organisms, (4) beauty and drama of the living world, (5) biological bases of problems in medicine, public health, agriculture, and conservation, (6) historical developments of biological concepts, and (7) an understanding of our place in nature. Graphing, analysis of graphs and data, and analysis of experimental design will help build the skills necessary for success on the ACT and other standardized tests.

BIOLOGY 1–HONORS*

Grades: 9 10

Length: Year

Credit: 1

Value Scale: Honors

Prerequisites: Freshmen – An A or B each grading period of eighth grade science and concurrent enrollment in Algebra 1H, Geometry H, or Algebra 2H
Sophomores – Departmental determination and concurrent enrollment in honors math

This lab and lecture course is arranged in six phases. The course first introduces biology as a science and describes how organisms interact and evolve. Part two relates the origin and development of life to the history of our planet. Parts three and four describe the mechanisms for continuity and change between generations. Parts five and six explore the systems either simple or complex that accomplish the regulation of all life processes. Graphing, analysis of graphs and data, and analysis of experimental design will help build the skills necessary for success on the ACT and other standardized tests.

COMPARATIVE ANATOMY AND PHYSIOLOGY - HONORS*

Grades: 11 12

Length: Year

Credit: 1

Value Scale: Honors

Prerequisites: Minimum of Junior status.

Both Biology and Chemistry or General Science, Biology and Chemistry.
At least a B in all science courses each semester.

This elective provides students with the opportunity to do advanced study and gain college level information while still in high school. The course is designed to satisfy the requirements of both those students who plan a college major in the sciences or simply enjoy biological sciences. Previous knowledge is assumed. The focus of the course will be comparative anatomy and physiology of animals reinforced by dissection of representative specimens. Additional topics will include classification schemes and the evolutionary basis for them and a study of plan form and function. The course will be taught in a manner similar to that which a freshman in college might encounter. Recognition of variable relationships and form to function, as well as sequencing and other important skills will be reinforced.

ADVANCED PLACEMENT BIOLOGY*

Grades: 11 12

Length: Year

Credit: 1

Value Scale: AP

Prerequisites: A- or higher in Biology 1-Honors each semester and Departmental determination

AP Biology provides the equivalent of an introductory college biology course. The course is organized around four main ideas: the process of evolution drives the diversity and unity of life; biological systems utilize free

energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis; living systems store, retrieve, transmit and respond to information essential to life processes; and biological systems interact, and these systems and their interactions possess complex properties. In addition, there is a focus on developing the students' skills in science practices, including use of models to represent phenomena, mathematical analysis, experimental design, data collection strategies, and analysis of data. It is expected that students independently design and carry out experiments to pursue answers to problems posed by the instructor or the student. Students will have an extended period two-three times each week to accommodate the required laboratory experiments. Students may earn college credit if they do well on the AP exam.

CHEMISTRY 1*

Grades: 11 12 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: Biology 1, Algebra 1

Chemistry is a science, which deals with the relationships of matter and energy, and the change matter undergoes to form new and usable products. Some of the topics covered in this first year chemistry course are the structure of atoms and molecules, chemical formulas and equations, physical behavior of gases, properties of atoms and molecules, electrochemistry, and the relationship of chemistry to society and the environment. This course is suitable for students who will not pursue the subject further as well as those who will go on to take college chemistry. In line with this, the ACT skills of data interpretation, experimental design, and evaluation of models and inferences will be emphasized.

CHEMISTRY 1–HONORS*

Grade: 10 11 Length: Year
Credit: 1 Value Scale: Honors
Prerequisites: B or higher in Biology 1-Honors each semester; B or higher in the previous year's honors math course each semester; and concurrent enrollment in an honors math course or departmental approval

Chemistry 1-H is designed for those students with higher than average ability in science and math that may be, but not necessarily considering a career in a science and/or engineering field. Chemistry 1-H differs from Chemistry 1 in that the basic topics are covered in greater depth and in a quantitative manner. The ACT skills of data interpretation, experimental design, and evaluation of models and inferences will be emphasized.

CHEMISTRY 2–HONORS* (Dual Credit Class with McHenry County College - MCC)

Grades: 11 12 Length: Year
Credit: 1 Value Scale: Honors
MCC: CHM164 for 4 credits

Prerequisites: Minimum of Junior status. Both Biology and Chemistry. At least a B in all science courses each semester; B or higher in the previous year's honors math course each semester; and concurrent enrollment in an honors math course

Chemistry 2 Honors is an advanced course that builds on topics learned in Chemistry 1 or Chemistry 1-H, teaching the fundamentals of inorganic chemistry. It is recommended for students who have a strong interest in science, who want to pursue a career in allied health or nursing. Topics covered include measurement, atomic theory, nomenclature, chemical bonding, stoichiometry, solution chemistry, chemical equilibrium, acids and bases, gas laws, chemical kinetics, thermodynamics, electrochemistry, and nuclear chemistry. Students taking this course should have a good mathematical background and be motivated to do independent work. Laboratory work is an important part of the course and coordinates with the topics being studied.

PHYSICS *

Grade: 11 12

Length: Year

Credit: 1

Value Scale: Regular

Prerequisites: Minimum of Junior status.

Both Biology and Chemistry or General Science, Biology, and Chemistry.

This course is a laboratory-based, comprehensive, and in-depth exploration of how the physical universe operates. Students enrolled in this course can expect movement through high-level materials at a comfortable pace and extensive reading, preparation, and problem solving outside of class. Labs will involve the use of calculators, scientific apparatuses, and computers to become proficient using tools of modern-day science.

ADVANCED PLACEMENT PHYSICS 1*

Grade: 11 12

Length: Year

Credit: 1

Value Scale: Honors

Prerequisites: C or higher in Algebra 2 each semester and concurrent enrollment in Pre-Calculus or higher math course

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Students should have a proficient math foundation through Algebra II Honors or be concurrently enrolled in a math course. Students will be completing much of their homework online, which will require a small additional fee. In addition, students may elect to use an online text at a substantial cost savings over a traditional text. Students must be willing to take the advanced placement test in AP Physics I given each year in May. Students may earn college credit by doing well on this exam.

ADVANCED PLACEMENT PHYSICS C: ELECTRICITY AND MAGNETISM and ADVANCED PLACEMENT PHYSICS C: MECHANICS *

Grade: 12

Length: Semester

Credit: 1

Value Scale: AP

Prerequisites: B or higher in the previous year's honors or AP science course each semester; B or higher in the previous year's honors or AP math course each semester; and completion of or concurrent enrollment in Calculus.

****The content of each semester will be integrated into a full-year course of study to prepare students to take BOTH the Electricity and Magnetism and Mechanics Advanced Placement exams.***

****Due to the structure of the course, students enrolled must be committed to a full year.***

AP Physics C: Electricity and Magnetism is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus are used throughout the course. Students will be completing much of their homework online, which will require a small additional fee. In addition, students may elect to use an online text at a substantial cost savings over a traditional text. Students must be willing to take the advanced placement tests in AP Physics C given each year in May. Students may earn college credit by doing well on this exam.

AP Physics C: Mechanics is equivalent to a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The

course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. Students will be completing much of their homework online, which will require a small additional fee. In addition, students may elect to use an online text at a substantial cost savings over a traditional text. Students must be willing to take the advanced placement tests in AP Physics C given each year in May. Students may earn college credit by doing well on this exam.

SOCIAL SCIENCES DEPARTMENT

PHILOSOPHY

The Social Sciences Department is dedicated to the integrated study of the social sciences and humanities in an effort to promote civic competence. Students of social science develop the ability to make informed and reasoned decisions for the public good as citizens of a culturally diverse, democratic society in an interdependent world. The department's course offerings aspire to help students acquire the skills essential to active citizenship in a democratic society, which will enhance their sense of their role in relation to the world. A social sciences education serves as a liberating force in the lives of all citizens, and as such, we seek to emphasize the essential connection between understanding of the social sciences, democratic values, and productive citizenship.

SOCIAL SCIENCES SEQUENCES

Pattern	Grade 9	Grade 10	Grade 11	Grade 12
1	Human Geography	World Hist	*US History *Consumer Economics	*US Government Psychology
2	AP Human Geography	AP World Hist	*AP US History *AP Macro/Microecon AP Psychology	*AP US Gov and Politics and AP Comparative Gov and Politics Psychology AP Psychology

**Denotes a required course*

HUMAN GEOGRAPHY*

Grades: 9

Length: Year

Credit: 1

Value Scale: Regular

Prerequisites: None

We live in an interdependent, global community whose well-being depends in part on cross-cultural awareness, communication, cooperation, mutual respect, and understanding. This course emphasizes culture as the key to understanding and appreciating the humanity of diverse peoples through an in-depth study of the regions of Asia, the Middle East, Latin America, and Africa. This study begins with each region's geography followed by an examination of its resources, history, and social conditions. The impact that geographical conditions and historical experiences have on cultures will be examined. Finally, the students will study the role of culture in the world today through family organization, religion, economic life, social structures, and political trends. This course will emphasize individual and group projects.

ADVANCED PLACEMENT HUMAN GEOGRAPHY*

Grades: 9

Length: Year

Credit: 1

Value Scale: AP

Prerequisites: Qualified for Enrollment in English 1 Honors Required and/or Committee Determination

AP Human Geography introduces high school students to college-level introductory geography or cultural geography. The content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment

relationships on places, regions, cultural landscapes, and patterns of interaction. Students will develop skills in approaching problems geographically, using maps and geospatial technologies, thinking critically about texts and graphic images, interpreting cultural landscapes, and applying geographic concepts such as scale, region, diffusion, interdependence, and spatial interaction, among others.

**** Students enrolled in this class will be required to maintain a C- or better at the end of the first semester in order to continue in the AP level. If a student earns a D+ or below first semester, the student will be required to move to an equivalent, non-AP level course for the second semester.**

WORLD HISTORY*

Grade: 10 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: None

This survey course traces the human experience from prehistory to the present. Emphasis is placed on global connections, cause and effect, and continuity and change, as well as comparisons among major societies. The study of Africa, the Middle East, South and East Asia, the Americas, and Europe offers a balance of world history. Major themes include intellectual developments, social, political, and economic history. Students will focus on the development of reading, writing, discussion, and library research skills.

ADVANCED PLACEMENT WORLD HISTORY: Modern*

Grade: 10 Length: Year
Credit: 1 Value Scale: Honors
Prerequisites: Minimum 3.5 cumulative GPA and/or Departmental Determination

This college-level course students investigate events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. AP World History: Modern is designed to be the equivalent of an introductory college or university survey of modern world history.

**** Students enrolled in this class will be required to maintain a C- or better at the end of the first semester in order to continue in the AP level. If a student earns a D+ or below first semester, the student will be required to move to an equivalent, non-AP level course for the second semester.**

UNITED STATES HISTORY*

Grade: 11 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: None

This survey course traces the development of the American experience from pre-Columbian times to the present. During the first semester, students will become familiar with the Columbian Exchange, the colonial period, and the American Revolution through the Civil War. The second semester will cover the Reconstruction period through the Cold War and Vietnam. Emphasis will be placed on relating the past to the present and recognizing the interrelated nature of geography, politics, economics, and history. Students will focus on the development of reading, writing, discussion, and library research skills.

ADVANCED PLACEMENT UNITED STATES HISTORY*

Grade: 11

Length: Year

Credit: 1

Value Scale: AP

Prerequisites: Minimum 3.5 cumulative GPA and/or Departmental Determination

This course presents a study of United States history with an emphasis on the analysis of primary source materials. Students will develop critical thinking skills through comparing and contrasting a variety of interpretations of historical events and trends. The course will require frequent written assignments and substantial amounts of supplementary readings. The goals of the course are to prepare students to succeed on the Advanced Placement exam, to promote effective citizenship and to develop a better understanding of American political, social, economic, and artistic trends. Students may earn college credit for this course dependent upon their score on the AP exam.

**** Students enrolled in this class will be required to maintain a C- or better at the end of the first semester in order to continue in the AP level. If a student earns a D+ or below first semester, the student will be required to move to an equivalent, non-AP level course for the second semester.**

CONSUMER ECONOMICS*

Grade: 11

Length: Semester

Credit: 0.5

Value Scale: Regular

Prerequisites: Junior requirement

This one semester course, which is required of all juniors for graduation purposes, examines the fundamental principles of economics, and applies them to the student's role as current and future consumers. Emphasis is placed on developing an increasing awareness of ongoing economic problems and how they influence consumers of today. Students will raise their basic literacy of economics through the use of critical thinking, analysis, and research of current problems in today's economy. Topics covered include scarcity, laws of supply and demand, stock market investing, money and banking, finance, and career opportunities.

ADVANCED PLACEMENT MICROECONOMICS*

Grade: 11

Length: Semester

Credit: 0.5

Value Scale: AP

Prerequisites: Minimum 3.5 cumulative GPA and/or Departmental Determination

***The content of each semester will be integrated into a full-year course of study to prepare students to take BOTH the Macroeconomics and Microeconomics Advanced Placement exams.**

****Due to the structure of the course, students enrolled must be committed to a full year. Students taking this course are exempt from physical education junior year, with the completion of the exception qualifications found on pages 8 & 9 of this Curriculum Guide.**

This one semester course is designed to be the equivalent of a college survey while also satisfying state and national requirements for consumer education. Using an integrated approach, content is organized in a way that is coherent and complimentary. Microeconomics concentrates on the function of individual decision makers within economic systems. Emphasis is placed on the product market, the factor market, and the role of government to promote economic efficiency. By developing strong critical thinking skills through the understanding, application and analysis of economic concepts, students will be prepared to complete both the Microeconomics and Macroeconomics AP exams.

ADVANCED PLACEMENT MACROECONOMICS*

Grade: 11 Length: Semester
Credit: 0.5 Value Scale: AP
Prerequisites: Minimum 3.5 cumulative GPA and/or Departmental Determination

****The content of each semester will be integrated into a full-year course of study to prepare students to take BOTH the Macroeconomics and Microeconomics Advanced Placement exams.***

*****Due to the structure of the course, students enrolled must be committed to a full year. Students taking this course are exempt from physical education junior year, with the completion of the exception qualifications found on pages 8 & 9 of this Curriculum Guide.***

This one semester course is designed to be the equivalent of a college survey while also satisfying state and national requirements for consumer education. Using an integrated approach, content is organized in a way that is coherent and complimentary. Macroeconomics concentrates on entire economic systems. Emphasis is placed on measuring economic performance, income and price determination, the financial sector, stabilization policies, growth, and open economics. By developing strong critical thinking skills through the understanding, application and analysis of economic concepts, students will be prepared to complete both the Microeconomics and Macroeconomics AP exams.

***** If a student earns an F first semester, the student will be required to move to an equivalent, non-AP level course for the second semester as credit recovery.***

UNITED STATES GOVERNMENT AND POLITICS* (Dual Credit Class with McHenry County College - MCC)

Grade: 12 Length: Semester
Credit: 0.5 Value Scale: Regular
Prerequisites: None ***MCC: PLT150 for 3 credits***

This one semester course, required of all seniors for graduation, serves a dual purpose in examining the structure and functions of American government, while also focusing on the development of those academic skills necessary for success in college. Students will examine the philosophical and institutional foundations of government and the origins of American political theory. Special emphasis will be placed on the study of the U.S. Constitution and its interpretation by the Supreme Court. As part of this course, students will be required to pass a U.S. Constitution test. Students will then analyze basic American institutions and their role as active citizens in a democracy. Throughout this course, students will develop the organizational skills, study habits, and sense of personal responsibility required to achieve academic success beyond high school.

ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS * (Dual Credit Class with McHenry County College - MCC)

Grade: 12 Length: Semester
Credit: 0.5 Value Scale: AP
MCC: PLT150 for 3 credits
Prerequisites: Minimum 3.5 cumulative GPA, and/or Departmental Determination

****The content of each semester will be integrated into a full-year course of study to prepare students to take BOTH the US Government and Politics and the Comparative Government and Politics Advanced Placement exams.***

****Due to the structure of the course, students enrolled must be committed to a full year. Students are exempt from physical education senior year, with the completion of the exception qualifications found on pages 8 & 9 of this Curriculum Guide.***

AP United States Government and Politics course is intended to provide students with a detailed understanding of the structures and functions of American government. By the end of the course, students will be able to identify the major branches of government and describe the authority and responsibilities of each. Students will also understand the election process and recognize the differences between major political parties. Students will learn about judicial precedent and how constitutional law regarding civil liberties and civil rights has evolved over time. Finally, the course will examine current issues and public policy debates. This will require a great deal of critical thinking, analysis, and evaluation of primary source documents. Students are expected to emerge from the course with a critical understanding of the processes, strengths, and weaknesses of American government as well as an awareness of their own political views and the implications of those views.

ADVANCED PLACEMENT COMPARATIVE GOVERNMENT AND POLITICS *

Grade: 12 Length: Semester
Credit: 0.5 Value Scale: AP

Prerequisites: Minimum 3.5 cumulative GPA, and/or Departmental Determination

****The content of each semester will be integrated into a full-year course of study to prepare students to take BOTH the US Government and Politics and the Comparative Government and Politics Advanced Placement exams.***

****Due to the structure of the course, students enrolled must be committed to a full year. Students are exempt from physical education senior year, with the completion of the exception qualifications found on pages 8 & 9 of this Curriculum Guide.***

AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues through analyzing and interpreting data to derive generalizations. Topics will include Politics, Political Institutions, Political and Economic Change, and Public Policy. Students successfully completing this course will: compare and contrast political concepts, themes, and generalizations; describe and explain typical patterns of political processes and behaviors and their consequences; compare and contrast political institutions and processes across countries to derive generalizations; and analyze and interpret basic data relevant to comparative government and politics.

***** If a student earns an F first semester, the student will be required to move to an equivalent, non-AP level course for the second semester as credit recovery.***

PSYCHOLOGY*

Grade: 12

Length: Year

Credit: 1

Value Scale: Regular

Prerequisites: None

Psychology is a one-year course that covers the major theories of psychology. This course is designed to familiarize students with the nature of psychology, its basic structure, and its broad purposes in contemporary life. Students are introduced to human physiology, abnormal behavior, stress management, learning, memory, human growth, and development. They are encouraged to apply the principles of psychology to their own lives. Particular attention is paid to essential social science skills in reading, analysis and application of research and data related to the patterns of human behavior. The goal of this course is for students to appreciate the commonality of all human behavior, while accepting the uniqueness of the individual.

ADVANCED PLACEMENT PSYCHOLOGY*

Grade: 11 12

Length: Year

Credit: 1

Value Scale: AP

Prerequisites: Juniors: Minimum 4.0 cumulative GPA, concurrent enrollment in AP Bio or Comparative Anatomy, and Departmental Determination

Seniors: Minimum 3.5 cumulative GPA and/or Departmental Determination

This course will go beyond the standard psychology course and introduce students to a thorough systematic and scientific study of the behavior and mental processes of human beings. Students in this college level, national standards-based psychology course will learn how to apply fundamental psychological concepts and principles, and recognize phenomena associated with each of the major subfields within psychology. Students will learn about the ethics applicable to psychological inquiry and will expand critical thinking skills. The course will emphasize the writing of papers and essays to prepare students to succeed on the advanced placement exam.

**** Students enrolled in this class will be required to maintain a C- or better at the end of the first semester in order to continue in the AP level. If a student earns a D+ or below first semester, the student will be required to move to an equivalent, non-AP level course for the second semester.**

THEOLOGY DEPARTMENT

PHILOSOPHY

“The definitive aim of catechesis is to put people not only in touch but in communion, in intimacy, with Jesus Christ” (CT, 5). The Christological centrality of the Theology department’s curriculum is designed to not only learn the teachings of the Catholic Church, but also to be a vehicle for growth in a student’s relationship with the Jesus Christ and His church. In this way, catechesis is evangelizing moment for all students. The Theology department also facilitates theological reflection and dialogue with all students to help them build the skills to answer or address the real questions they face in life and in their Catholic faith.

The Theology department curriculum is determined by the high school curriculum framework of the United States Conference of Catholic Bishops. All Marian students are required to take a full-year Theology course freshman through senior year.

THEOLOGY 1

Grade: 9 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: Freshman standing

MARIOLOGY, BIBLICAL THEOLOGY, DIVINE REVELATION and CHRISTOLOGY

Freshman year begins with an overview of our school’s patroness, Mary, the Mother of God. As a Marian educational institution, students will be grounded in our mission and vision to be “Pilgrims on the Way of Truth” This overview will briefly explore the Christian devotion to Mary. With the use of descriptions in the Gospels and papal definitions, students will understand Marian’s unique devotion this woman about whom the Gospels say so little has become a figure of such popular and theological significance.

This course offers an academic survey of Divine Revelation and Sacred Scripture. This course is grounded in the teachings of the Catechism of the Catholic Church and Dei Verbum (The Dogmatic Constitution on Divine Revelation from Vatican II). The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

Particular topics and themes of the course will include faith and reason, inspiration, inerrancy, exegesis, the covenants, law, Trinity, canon and reading in context. Particular attention will be given to Christology: the study of the nature and person of Jesus Christ. Students will trace the Christology of the Synoptic Gospels, the Gospel of John and the Fathers of the early Church so they may know and love Jesus Christ more personally. Some Christological themes covered will be the identity and authority of Jesus, words and deeds of Jesus, the Paschal Mystery and mature discipleship.

THEOLOGY 2

Grade: 10 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: Sophomore standing

ECCLESIOLOGY

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church This course helps students encounter Jesus Christ through his Church and sacraments. In investigating the origins of the Catholic Church and the foundational faith of the Apostles, students will trace the history of the Church, guided

justice. This course will examine many topics within the context of Catholic Social Teaching including the dignity and purpose of human life, the proper organization of society, social virtues, religion in the public realm, the promotion of the common good, and the meaning of justice within and between communities.

The second part of the course is Christian Vocations. The purpose of this course is to help students to understand the vocations of life: how Christ calls us to live. In this course, students should learn how all vocations are similar and how they differ. The course should be structured around married life, single life, priestly life, and consecrated life. Students should learn what it means to live life for the benefit of others and the value in considering a vocation in service to the Christian community.

In this course students will engage in a foundational study of the vocation of love and the universal call to Holiness given to us by Christ. Other topics will include Papal teachings on marriage, the goods and ends of marriage, marital vows, religious vows, love, friendship, parenting, family rituals, religious education of children, chastity, celibacy, and the status of marriage in society.

THEOLOGY 4 HONORS

Grade: 12

Length: Year

Credit: 1

Value Scale: Honors

Prerequisites: Senior standing

B+ or higher each semester of all previous theological studies and/or Departmental determination

Students study the same material covered in the standard Theology 4 course (listed above) but with more depth and at an accelerated pace. The course uses independent research, in depth discussion and readings outside of the texts. Students must be willing to engage actively in these tasks, and be capable of high-level reading, conversation, and presentation. Other projects, such as a term paper, may be planned in conjunction with this course.

VISUAL ARTS

PHILOSOPHY

The art department exists to stimulate and guide students in their total self-development and growth through the acquisition and utilization of knowledge and skills. Marian's art program strives for excellence through a sound learning process. We endeavor to teach art as a discipline that educates; a discipline in which student perception must be used thoroughly to provide immediate awareness, a contact with reality. A good art program must be ever cognizant of the creative process; the continued action and interaction between the student and his/her art. We recognize that the source of all competent art products must necessarily stem from the imagination. Our goal is teaching the student the necessary skills that will effectively transform thoughts and ideas into a concrete expression that shapes, reveals, and embodies what art is. Realizing the variety of personalities and abilities, we strive to provide a wide variety of content and media to encourage self-expression, self-development, and the appreciation of oneself and others as well as enriching art experiences.

ART 1

Grades: 9 10 11

Length: Year

Credit: 1

Value Scale: Regular

Prerequisites: None

Art I is an elective course that introduces the fundamentals of Fine Arts. This is a survey course, in which students will focus on learning, appreciating, and applying the elements and principles of design through experiential studio projects as analyzed through the lens of art history. Students will observe demonstrations, receive individual guidance, and share their artistic expressions with their learning community. This course will utilize a variety of materials and techniques for students who have minimal art experience, while giving experienced students a place to further develop their skills. Although all lessons are defined by technical and formal parameters, choice of subject matter will be largely student-driven to encourage, enhance, and support individual creativity.

ART 2

Grades: 10 11 12

Length: Year

Credit: 1

Value Scale: Regular

Prerequisites: Art 1

This sequential Fine Arts elective course is structured to challenge students who wish to increase their personal skills and further develop their knowledge of art. This course will build upon experience with the various mediums and concepts studied in Art I. Students will continue to experiment with a wide variety of techniques and styles, while further exploring art history and the art traditions of various cultures from around the world.

ART 3 – HONORS

Grades: 11 12

Length: Year

Credit: 1

Value Scale: Honors

Prerequisites: Grade of A in Art 1 and Art 2 as well as Departmental recommendation

Art III Honors students, in addition to completing the Art III course requirements, will undertake an additional large scale independent project of their choosing each quarter. These projects will be determined after student/teacher conferences- students will be allowed to choose their own medium, set final due date with teacher discretion, discuss materials with teacher, and must present a challenge to the artist. The student is

also required to submit a reflection that details the inspiration and process of completing their piece, as well as a brief presentation to their learning community.

ART 4- Honors

Grade: 12

Length: Year

Credit: 1

Value Scale: Honors

Prerequisites: Grade of A in Art 3 or Art 3 Honors and Art 2 and Departmental recommendation

This Fine Arts course is designed to challenge and inspire students who are interested in pursuing art at the next level. It is structured as an independent study. Open to both 2- and 3-dimensional art mediums, it focuses as an advanced, individual self-study and college portfolio development program. Students specifically work in their areas of special interest. Continued emphasis will be placed on goal setting and planning, as well as further development of personal techniques and honing of individual style. Students' growth and creativity will be evaluated during the term of the course. A minimum of three large scale summative projects are required per quarter as determined by student/teacher conferences, along with reflections and presentations to their learning communities. Students are expected to challenge themselves, experiment, and further develop their talents and creativity. Careers and opportunities in art will be explored as students prepare to enter university level art programs.

WORLD LANGUAGES DEPARTMENT

PHILOSOPHY

The World Languages Department at Marian Central Catholic High School believes that a world language should stimulate student awareness of different languages and a variety of cultural phenomena and promote comprehension-based communicative language acquisition. In particular, we will use TPRS (Teaching Proficiency through Reading and Storytelling). The departmental philosophy is achieved by the following departmental goals that equip students:

- a. to function in the target language and culture,
- b. to use the language for a lifetime of personal enjoyment and enrichment,
- c. to appreciate the role of Hispanic and French cultures in a global context, and
- d. to continue expanding their communicative proficiency for further education or for the workplace.

FRENCH 1*

Grades: 9 10 11 12

Length: Year

Credit: 1

Value Scale: Regular

Prerequisites: Enrollment in English 1 or above

This course provides an introduction to the French language and to the culture of the French-speaking world. The basic objective of the course is twofold: (1) to help each student attain an acceptable degree of proficiency in the four skills of listening, speaking, reading, and writing, and (2) to present the language within the context of the French-speaking world and its culture. Students master language concepts that allow them to exchange information and express themselves meaningfully both in written and spoken formats. Audio-visual components introduce cultural aspects of the language that allow students to think more critically as they compare beliefs and behaviors of a new culture with their own. Course/Tech fee includes all online subscriptions and electronic resources provided by instructor.

**** Students enrolled in this class will be required to maintain a D- or better at the end of the first semester in order to continue in the language for the current school year. If a student earns an F first semester, thus not making adequate progress, the student will be required to withdraw from the class for the second semester. The student may then have the opportunity to repeat the course on subsequent years.**

FRENCH 2*

Grades: 9 10 11 12

Length: Year

Credit: 1

Value Scale: Regular

Prerequisite: A minimum C average in French 1 and/or departmental determination
Freshmen: Qualifying Score on the Marian Placement Test

French 2 presents a more complex structure of basic skill acquisition while continuing to expand the cultural knowledge learned in French 1. The aim of the second level is to continue the development of the basic skills of listening, reading, writing, and speaking. French 2 moves the learner from acquiring knowledge towards implementing knowledge of the French language through communication and conversation in the target language. French 2 also strives to introduce the learner to a greater variety of grammatical topics. The second level prepares the student to move towards French 3 Honors. Course/Tech fee includes all online subscriptions and electronic resources provided by instructor.

FRENCH 3-HONORS*

Grades: 10 11 12 Length: Year
Credit: 1 Value Scale: Honors
Prerequisites: B or higher in French 2 each semester

This course continues the study of the French language and the French culture. Through listening, speaking, reading, and writing the emphasis in learning will progress from skill acquisition to skill realization. Through activities such as literature, history, and cultural studies, the student will continue gaining a comprehensive cultural knowledge of the “francophone” world. Grammar elements and cultural concepts acquired during the first two years of study will be reviewed and reinforced. The class will be conducted mainly in French. Course/Tech fee includes all online subscriptions and electronic resources provided by instructor.

FRENCH 4-HONORS*

Grade: 11 12 Length: Year
Credit: 1 Value Scale: Honors
Prerequisites: B or higher in French 3-H each semester

French 4 Honors is a study of the cultural aspects of French society. Skill development will continue through the study of literature, history, geography, art, and music. Through listening, speaking, reading, and writing, the students will be able to further skill development by communication. The class will be conducted mainly in French. Course/Tech fee includes all online subscriptions and electronic resources provided by instructor.

SPANISH 1*

Grades: 9 10 11 12 Length: Year
Credit: 1 Value Scale: Regular
Prerequisites: Enrollment in English 1 or above

This course provides an introduction to the Spanish language and to the culture of the Spanish-speaking world. The basic objective of the course is twofold: (1) to help each student attain an acceptable degree of proficiency in the four skills of listening, speaking, reading, and writing, and (2) to present the language within the context of the Spanish-speaking world and its culture. Students master language concepts that allow them to exchange information and express themselves meaningfully both in written and spoken formats. Audio-visual components introduce cultural aspects of the language that allow students to think more critically as they compare beliefs and behaviors of a new culture with their own. Course/Tech fee includes all online subscriptions and electronic resources provided by instructor.

**** Students enrolled in this class will be required to maintain a D- or better at the end of the first semester in order to continue in the language for the current school year. If a student earns an F first semester, thus not making adequate progress, the student will be required to withdraw from the class for the second semester. The student may then have the opportunity to repeat the course on subsequent years.**

SPANISH 2*

Grades: 9 10 11 12

Length: Year

Credit: 1

Value Scale: Regular

Prerequisite: A minimum C average in Spanish 1 and/or departmental determination

Freshmen: Qualifying Score on the Marian Placement Test

This course builds on Spanish 1 as it continues to provide exposure to the Spanish language and to the culture of the Spanish-speaking world. The basic objective of the course is twofold: (1) to help each student attain an acceptable degree of proficiency in the four skills of listening, speaking, reading, and writing, and (2) to present the language within the context of the Spanish-speaking world and its culture. Students master language concepts that allow them to exchange information and express themselves meaningfully both in written and spoken formats. Audio-visual components introduce cultural aspects of the language that allow students to think more critically as they compare beliefs and behaviors of a new culture with their own. Course/Tech fee includes all online subscriptions and electronic resources provided by instructor.

SPANISH 3-HONORS*

Grades: 10 11 12

Length: Year

Credit: 1

Value Scale: Honors

Prerequisites: B or higher in Spanish 2 each semester

Spanish 3 continues the integrated development of skills begun in Spanish 1 and Spanish 2 in order to take command of the language. Students are introduced to advanced grammar concepts and are encouraged to personalize language skills as well as to interact through a variety of tasks that are reality based. Listening, speaking, reading, culture, and writing skills are emphasized. Course/Tech fee includes all online subscriptions and electronic resources provided by instructor.

SPANISH 4-HONORS*

Grade: 11 12

Length: Year

Credit: 1

Value Scale: Honors

Prerequisites: B or higher in Spanish 3-H each semester

Spanish 4 Honors is a study of the cultural aspects of Spanish society. Skill development will continue through the study of literature, history, geography, art, and music. Through listening, speaking, reading, and writing, the students will be able to further skill development by communication. The class will be conducted mainly in Spanish. Course/Tech fee includes all online subscriptions and electronic resources provided by Instructor.

OTHER SELECTIONS

STUDY HALL

Credit: None

Value Scale: None

Prerequisites: None

Study Hall is a structured learning environment where the teacher monitors students' appropriate use of time. Students are required to come prepared with the needed books and other material required for study.

MCHENRY COUNTY COLLEGE PARTNERSHIP FOR COLLEGE AND CAREER SUCCESS PROGRAM (PCCSP) OFFERINGS for 2022-23

EARLY CHILDHOOD EDUCATION PROGRAM ECE219 & ECE214 (through McHenry County College only)

Grade: 11 12

Length: Semester (Spring) M-TH 7-8:20am @MCC

Credit: 1 Marian; MCC credit indicated below Value Scale: N/A

Prerequisites: (Prior to the start of class)

[Registration, fees, and additional acceptance criteria through MCC](#)

ECE-219 ERLY CHI SCI & MAT (0.5 Marian Credit; 3 MCC Credits) (Tuesday & Thursday)

Early Childhood Science and Math covers the theory and practice of teaching science and math to children from pre-K to 3rd grade. It focuses on the creation and evaluation of developmentally appropriate science and math activities and materials that encourage young children to use their natural curiosity and interest in objects. Students come away with a repertoire of science and math activities. SCANS skills included. (1.2-Articulated)

ECE-214 ERLY CHI ART ACTV (0.5 Marian credit; 3 MCC Credits) (Monday & Wednesday)

Early Childhood Art Activities looks at the development of creativity in young children. This course provides firsthand experience with various art media appropriate for young children. Students learn methods and activities for presenting art in a way that enhances children's creativity, skill, and sense of fulfillment. They also participate in a pre-school setting as part of the course. SCANS SKILLS included. (1.2-Articulated)

*****Availability of this class is based on enrollment. If the class is cancelled by MCC due to low enrollment, students would be notified in April giving them enough time and an opportunity to make a schedule change for next year.***

FIRE SCIENCE TECHNICIAN, EMERGENCY MEDICAL TECHNICIAN, and CRIMINAL JUSTICE (through McHenry County College only)

Grade: **Must be 18 by the end of the program**

Length: Semester (Fall or Spring) M-F 7-8:50am @MCC

Credit: 1 Marian; MCC credit indicated below

Value Scale: N/A

Prerequisites: (Prior to the start of class)

[Registration, fees and additional acceptance criteria through MCC](#)

Track 1: Criminal Justice	Track 2: Fire Science/EMT
FRS100: Intro to Emergency Services (0.25 Marian credit; 2 MCC credits)	
EMS105: First Responder (0.25 Marian credit; 3 MCC credits)	
CJS101: Criminal Justice (0.25 Marian credit; 3 MCC credits)	FRS101: Intro to Fire Science (0.25 Marian credit; 3 MCC credits)

CJS290: Shadowing Experience (0.25 Marian credit; 2 MCC credits)	FRS250: Internship EMT/Fire (0.25 Marian credit; 2 MCC credits)
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Students will receive an introduction to the fields of Criminal Justice, Fire Science, and EMT. Regardless of the track they choose all students in the program will be required to take FRS100 (3 weeks) and EMS105 (5 weeks). Students will then have a choice between the Criminal Justice or the Intro to Fire Science course. The culmination of this program includes either a Criminal Justice job shadowing or Fire Science internship. Attendance is imperative with these courses, and students will receive a total of 10 MCC credits upon the successful completion of either program.

NURSE ASSISTANT PROGRAM NAE100 (through McHenry County College only)

Grade: 11 12

Length: Semester (Fall or Spring) M-TH 7-8:40am @MCC

Credit: 1 Marian; MCC credit indicated below

Value Scale: N/A

Prerequisites: (Prior to the start of class)

- criminal background check
 - a physical exam
 - be 16 years old by course completion
 - two step TB test or chest X-ray
 - a valid Social Security Card
 - Accuplacer Reading placement score of 55 or higher taken at MCC in early March
- [Registration, fees and additional acceptance criteria through MCC](#)

NAE-100 BASIC NURSING ASST (7 MCC Credits)

Basic Nursing Assistant prepares students to assist licensed health care providers in delivering care in various settings. This course includes theory, lab practice and a clinical component. The course is approved by the Illinois Department of Public Health (77 Ill. Adm. Code 395). Successful completion of this course leads to eligibility to take the written Illinois Nurse Assistant/Home Health Aide Competency Exam for employment and certification as a Certified Nurse Assistant (CNA). (1.2- Articulated) NOTE: Clinical times differ from theory. Clinical times are found in the comment field of the MCC online schedule. Students must have their own transportation to clinical as well as MCC and Marian Central.

CREDIT RECOVERY

PROCEDURE FOR CREDIT RECOVERY

- When a student fails a required course, the parents will receive a letter from Guidance with directions on how to enroll in the appropriate make-up course.
- Parents are responsible for enrolling their student and paying for the course at <https://www.educere.net>
- Guidance receives notification and completes the enrollment.
- Students work online to complete all required work within the time constraints provided on letter.
- Failure to successfully complete credit recovery course will result in the inability for a student to enroll in the following school year at Marian.

EDUCERE COURSES

Grades: 9 10 11 12

Length: Varies

Credit: Varies

Value Scale: Not Counted in GPA

Students may enroll in Educere courses for Credit Recovery with the permission of the Director of Guidance. Students completing an approved Educere course will: a) receive credit, and b) have the course included on the transcript once the course is successfully completed.

- The grade will not be included in the student's GPA.
- Student must earn at least 70% (following Marian's grading scale) to recover credit.

MY CATHOLIC FAITH COURSES

Grades: 9 10 11 12

Length: Varies

Credit: Varies

Value Scale: Not Counted in GPA

Students may enroll in *My Catholic Faith* courses for either Credit Recovery of a failed Theology class with the permission of the Director of Guidance. Students completing an approved *My Catholic Faith* course will: a) receive credit, and b) have the course included on the transcript. The credit will not be included in the student's GPA. ****Parents must go online <http://www.mycatholicfaithdelivered.com> to enroll and pay for the course.**

**MARIAN CENTRAL CATHOLIC HIGH SCHOOL
2022-2023 FRESHMAN COURSE SELECTION WORKSHEET**

FRESHMAN REQUIRED COURSES			
Choose 1 ENGLISH course			
Course		Credits	Prerequisite
<i>English 1A</i>		1	
<i>English 1</i>		1	
<i>English 1 Honors</i>		1	*
Choose 1 MATHEMATICS course			
Course		Credits	Prerequisite
<i>Algebra 1 Essentials</i>		1	
<i>Algebra 1</i>		1	
<i>Algebra 1 Honors</i>		1	*
<i>Geometry Honors</i>		1	*
<i>Algebra 2 Honors</i>		1	*
Choose 1 PHYSICAL EDUCATION course			
Course		Credits	Prerequisite
<i>Physical Ed 1/Health</i>		1	
Choose 1 SCIENCE course			
Course		Credits	Prerequisite
<i>General Science (enroll in Alg 1 Ess)</i>		1	
<i>Biology 1 (enroll in Algebra 1)</i>		1	
<i>Biology 1 Honors (enroll in Honors Math)</i>		1	*
Choose 1 THEOLOGY course			
Course		Credits	Prerequisite
<i>Theology 1</i>		1	

FRESHMAN ELECTIVE COURSES			
Choose 2 ELECTIVE courses			
MUSIC Department			
Course		Credits	Prerequisite
<i>Concert Band</i>		1	
<i>Concert Choir</i>		1	
<i>Beginning Guitar 1</i>		1	
<i>Beginning Piano 1</i>		1	
SOCIAL SCIENCES Department			
Course		Credits	Prerequisite
<i>Human Geography</i>		1	
<i>AP Human Geography</i>		1	*
VISUAL ARTS Department			
Course		Credits	Prerequisite
<i>Art 1</i>		1	

WORLD LANGUAGES Department

Course		Credits	Prerequisite
	<i>French 1</i>	1	
	<i>French 2</i>	1	*
	<i>Spanish 1</i>	1	
	<i>Spanish 2</i>	1	*

STUDY HALL

Course		Credits	Prerequisite
	<i>Study Hall</i>	0	

*Enrollment in course depends on prerequisites indicated in Curriculum Guide

MARIAN CENTRAL CATHOLIC HIGH SCHOOL
2022-2023 SOPHOMORE COURSE SELECTION WORKSHEET

SOPHOMORE REQUIRED COURSES		
Choose 1 ENGLISH course		
Course	Credits	Prereq
<i>English 2A</i>	1	
<i>English 2</i>	1	
<i>English 2 Honors</i>	1	*
Choose 1 MATHEMATICS course		
Course	Credits	Prereq
<i>Geometry</i>	1	
<i>Geometry Honors</i>	1	*
<i>Algebra 2 Honors</i>	1	*
<i>PreCalculus Honors</i>	1	*
Choose 1 PHYSICAL EDUCATION course		
Course	Credits	Prereq
<i>PE 2/First Aid</i>	1	
Choose 1 SCIENCE course		
Course	Credits	Prereq
<i>Biology 1</i>	1	
<i>Chemistry 1</i>	1	*
<i>Chemistry 1 Honors</i>	1	*
Choose 1 THEOLOGY course		
Course	Credits	Prereq
<i>Theology 2</i>	1	

SOPHOMORE ELECTIVE COURSES		
Choose 2 ELECTIVE courses		
BUSINESS Department		
Course	Credits	Prereq
<i>Accounting 1</i>	1	
<i>Intro to Business (S1)</i>	0.5	
<i>Princ of Marketing (S2)</i>	0.5	
<i>IDEA Honors</i>	1	*
MUSIC Department		
Course	Credits	Prereq
<i>Beginning Guitar 1</i>	1	
<i>Intermediate Guitar 2</i>	1	*
<i>Advanced Guitar 3</i>	1	*
<i>Beginning Piano 1</i>	1	
<i>Intermediate Piano 2</i>	1	*
<i>Concert Band</i>	1	
<i>Concert Band Honors</i>	1	*
<i>Concert Choir</i>	1	
<i>Concert Choir Honors</i>	1	*
SOCIAL SCIENCES Department		
Course	Credits	Prereq
<i>World History</i>	1	
<i>AP World Hist: Modern</i>	1	*
VISUAL ARTS Department		
Course	Credits	Prereq
<i>Art 1</i>	1	
<i>Art 2</i>	1	
WORLD LANGUAGES Department		
Course	Credits	Prereq
<i>French 1</i>	1	
<i>French 2</i>	1	
<i>French 3 Honors</i>	1	*
<i>Spanish 1</i>	1	
<i>Spanish 2</i>	1	
<i>Spanish 3 Honors</i>	1	*
STUDY HALL		
Course	Credits	Prereq
<i>Study Hall</i>	0	

*Enrollment in course depends on prerequisites indicated in Curriculum Guide

**MARIAN CENTRAL CATHOLIC HIGH SCHOOL
2022-2023 JUNIOR COURSE SELECTION WORKSHEET**

JUNIOR REQUIRED COURSES			
Choose 1 ENGLISH course			
Courses		Credits	Prereq
	<i>English 3</i>	1	
	<i>English 3 Honors</i>	1	*
	<i>AP Eng Lang & Comp</i>	1	*
Choose 1 MATHEMATICS course			
Courses		Credits	Prereq
	<i>Geometry</i>	1	
	<i>Algebra 2</i>	1	
	<i>Algebra 2 Honors</i>	1	*
	<i>PreCalculus</i>	1	
	<i>PreCalculus Honors</i>	1	*
	<i>AP Calculus AB</i>	1	*
Choose 1 PHYSICAL EDUCATION course			
Course		Credits	Prereq
	<i>Physical Ed 3</i>	0.5	
Choose 1 SOCIAL SCIENCE - US HISTORY course			
Courses		Credits	Prereq
	<i>US History</i>	1	
	<i>AP US History</i>	1	*
Choose 1 SOCIAL SCIENCE - ECONOMICS course**			
Courses		Credits	Prereq
	<i>Consumer Economics</i>	0.5	
	<i>AP Macroecon/AP Microecon</i>	1	*
Choose 1 THEOLOGY course			
Courses		Credits	Prereq
	<i>Theology 3</i>	1	
	<i>Theology 3 Honors</i>	1	*

JUNIOR ELECTIVE COURSES			
Choose 2 ELECTIVE courses			
BUSINESS Department			
Course		Credits	Prereq
	<i>Accounting 1</i>	1	
	<i>Accounting 2</i>	1	*
	<i>Intro to Business (S1)</i>	0.5	
	<i>Princ of Marketing (S2)</i>	0.5	
	<i>IDEA Honors</i>	1	*

JUNIOR ELECTIVE COURSES (continued)			
MUSIC Department			
Course		Credits	Prereq
	<i>Beginning Guitar 1</i>	1	
	<i>Intermediate Guitar 2</i>	1	*
	<i>Advanced Guitar 3</i>	1	*
	<i>Beginning Piano 1</i>	1	
	<i>Intermediate Piano 2</i>	1	*
	<i>Concert Band</i>	1	
	<i>Concert Band Honors</i>	1	*
	<i>Concert Choir</i>	1	
	<i>Concert Choir Honors</i>	1	*
SCIENCE Department			
Course		Credits	Prereq
	<i>Comp Anat & Phys Honors</i>	1	*
	<i>AP Biology</i>	1	*
	<i>Chemistry 1</i>	1	
	<i>Chemistry 2 Honors</i>	1	*
	<i>Physics</i>	1	
	<i>AP Physics 1</i>	1	*
SOCIAL SCIENCES Department			
Course		Credits	Prereq
	<i>AP Psychology</i>	1	*
VISUAL ARTS Department			
Course		Credits	Prereq
	<i>Art 1</i>	1	
	<i>Art 2</i>	1	
	<i>Art 3</i>	1	
	<i>Art 3 Honors</i>	1	
WORLD LANGUAGES Department			
Course		Credits	Prereq
	<i>French 1</i>	1	
	<i>French 2</i>	1	
	<i>French 3 Honors</i>	1	*
	<i>French 4 Honors</i>	1	*
	<i>Spanish 1</i>	1	
	<i>Spanish 2</i>	1	
	<i>Spanish 3 Honors</i>	1	*
	<i>Spanish 4 Honors</i>	1	*
STUDY HALL			
Course		Credits	Prereq
	<i>Study Hall</i>	0	

ENGINEERING Department		
Course	Credits	Prereq
<i>Engineering Dsgn & Devel-H</i>	1	*
<i>Engineering Coding Honors</i>	1	*

*Enrollment in course depends on prerequisites indicated in Curriculum Guide

**AP Macro/AP Micro must be taken concurrently, no PE required if taking AP Macro/AP Micro

MARIAN CENTRAL CATHOLIC HIGH SCHOOL
2022-2023 SENIOR COURSE SELECTION WORKSHEET

SENIOR REQUIRED COURSES			
Choose 1 ENGLISH course			
Courses		Credits	Prereq
	<i>English 4</i>	1	
	<i>AP Eng Lang & Comp</i>	1	*
	<i>AP Literature & Comp</i>	1	*
Choose 1 PHYSICAL EDUCATION course			
Courses		Credits	Prereq
	<i>Physical Ed 4</i>	0.5	
	<i>Fitness for Life</i>	0.5	
Choose 1 SOCIAL SCIENCE course **			
Courses		Credits	Prereq
	<i>US Gov & Politics</i>	0.5	
	<i>AP US Gov & Politics/AP Comp Gov & Politics</i>	1	**
Choose 1 THEOLOGY course			
Courses		Credits	Prereq
	<i>Theology 4</i>	1	
	<i>Theology 4 Honors</i>	1	*
SENIOR ELECTIVE COURSES			
Choose 4 ELECTIVE courses			
BUSINESS Department			
Courses		Credits	Prereq
	<i>Accounting 1</i>	1	
	<i>Accounting 2</i>	1	
	<i>Intro to Business (S1)</i>	0.5	
	<i>Princ of Marketing (S2)</i>	0.5	
	<i>IDEA Honors</i>	1	*
ENGINEERING Department			
Courses		Credits	Prereq
	<i>Engineering Dsgn & Devel-H</i>	1	*
	<i>Engineering Coding Honors</i>	1	*
MATHEMATICS Department			
Courses		Credits	Prereq
	<i>Algebra 2</i>	1	
	<i>PreCalculus</i>	1	
	<i>PreCalculus Honors</i>	1	*
	<i>AP Calculus AB</i>	1	*
	<i>AP Statistics</i>	1	*

SENIOR ELECTIVE COURSES (continued)			
MUSIC Department			
Courses		Credits	Prereq
	<i>Beginning Guitar L1</i>	1	
	<i>Intermediate Guitar L2</i>	1	*
	<i>Advanced Guitar L3</i>	1	*
	<i>Beginning Piano L1</i>	1	
	<i>Intermediate Piano L2</i>	1	*
	<i>Concert Band</i>	1	
	<i>Concert Band Honors</i>	1	*
	<i>Concert Choir</i>	1	
	<i>Concert Choir Honors</i>	1	*
SCIENCE Department			
Courses		Credits	Prereq
	<i>Comp Anat & Phys Hon</i>	1	*
	<i>AP Biology</i>	1	*
	<i>Chemistry 2 Honors</i>	1	
	<i>Physics</i>	1	
	<i>AP Physics 1</i>	1	*
	<i>AP Physics C: Elec & Mag/AP Physics C: Mech</i>	1	*
SOCIAL SCIENCES Department			
Courses		Credits	Prereq
	<i>Psychology</i>	1	
	<i>AP Psychology</i>	1	*
VISUAL ARTS Department			
Courses		Credits	Prereq
	<i>Art 2</i>	1	
	<i>Art 3</i>	1	
	<i>Art 3 Honors</i>	1	*
	<i>Art 4</i>	1	
	<i>Art 4 Honors</i>	1	*
WORLD LANGUAGES Department			
Courses		Credits	Prereq
	<i>French 1</i>	1	
	<i>French 2</i>	1	
	<i>French 3 Honors</i>	1	*
	<i>French 4 Honors</i>	1	*
	<i>Spanish 1</i>	1	
	<i>Spanish 2</i>	1	

*Enrollment in course depends on prerequisites indicated in Curriculum Guide

**AP Gov/AP Comp Gov must be taken concurrently, no PE required if taking AP Gov/AP Comp Gov

	<i>Spanish 3 Honors</i>	1	*
	<i>Spanish 4 Honors</i>	1	*
STUDY HALL			
Course		Credits	Prereq
	<i>Study Hall</i>	0	

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