

1-20-23



Curriculum Guide

2023-2024



MOTHER
MCAULEY

Liberal Arts High School



Mission Statement

Mother McAuley Liberal Arts High School is a Catholic educational community committed to providing a quality secondary education for young women. In the tradition of the Sisters of Mercy and their foundress, Catherine McAuley, we prepare students to live in a complex, dynamic society by teaching them to think critically, communicate effectively, respond compassionately to the needs of their community and assume roles of Christian leadership. In partnership with parents, we empower young women to acknowledge their giftedness and to make decisions with a well-developed moral conscience. We foster an appreciation of the diversity of the global community and a quest for knowledge and excellence as life long goals.



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Academic Planning Guidelines

Graduation Requirements

CREDITS	COURSE
4	English
3	Math
1	Physical Education
4	Science
3	Social Science
4	Theology
2	Language
.5	Personal Finance
.5	Art History
.5	Music or Theatre
1	Fine Arts Electives
4.5	Electives
28	TOTAL CREDITS

Courses can be altered, added or dropped at the discretion of the school.

- Students are responsible for reviewing their class schedules to be certain they are scheduled for required courses. The worksheet on page four is meant to guide that process.
- Each student must carry a minimum of seven classes each semester, excluding after school classes. Lunch must be included.
- Students in Illinois must pass an examination on the Federal Constitution and the Constitution of the State of Illinois as part of the graduation requirement.
- Due to the complexity of scheduling courses, conflicts may prohibit students from being enrolled into all the courses they select. Should a conflict arise, students will receive communication from their counselor if they are not able to be placed in a chosen course.
- The specific period of any course, including lunch and study, cannot be selected ahead of time. The only course that will require a semester selection is Driver Education.
- **Students cannot drop full year classes after the first week of school. Students cannot drop semester classes after the first week of the semester.** Schedule change requests will be approved on an individual basis and require a \$100 course change fee.

Four Year Plan

Student's First Name: _____

Student's Last Name: _____

FRESHMAN YEAR		SOPHOMORE YEAR	
1 Theology		1 Theology	
2 English		2 English	
3 Language		3 Language	
4 Math		4 Math	
5 Biology		5 Chemistry	
6 Lunch		6 World History	
Electives: Semester 1	Semester 2	7 Lunch	
7		Electives: Semester 1	Semester 2
8		8	
9		9	
JUNIOR YEAR		SENIOR YEAR	
1 Theology		1 Theology	
2 English		2 English	
3 U.S. History		3 Social Science	
4 Math		4 Science	
5 Science		5 Lunch	
6 Lunch		Electives: Semester 1	Semester 2
Electives: Semester 1	Semester 2	6	
7		7	
8		8	
9		9	

Please note: Final schedule is not in the same order as listed above.

Course Offerings for Class of 2024, 2025, 2026 and 2027

	THEOLOGY			
	Freshman	Sophomore	Junior	Senior
	Theology I	Theology II	Theology III	Theology IV / Living Faith Theology IV / Global Studies Theology IV / Peer Ministry
	English I Honors English I Advanced English I Public Speaking	English II Honors English II Advanced English II Journalism I Broadcast Journalism Advanced Creative Writing Public Speaking	AP Language & Composition English III Honors English III Advanced Creative Writing Journalism II Honors - Yearbook & Newspaper Journalism I Broadcast Journalism Advanced Public Speaking	AP Literature & Composition English IV Honors English IV Advanced Journalism II Honors - Yearbook & Newspaper Journalism I Broadcast Journalism Advanced Creative Writing Public Speaking
	Geometry Honors Algebra Honors Algebra Advanced Algebra	Pre-Calculus Honors Geometry Honors Geometry Advanced Geometry	AP Calculus AB Calculus Honors Pre-Calculus Honors Algebra II - Advanced Algebra II	AP Statistics AP Calculus AB Calculus Honors Pre-Calculus Trigonometry and Statistics College Algebra with Trigonometry
	Healthy Foundations I Healthy Foundations II Driver Education	Healthy Foundations I Healthy Foundations II Standard First Aid and CPR Healthy You Team Sports Driver Education	Healthy Foundations I Healthy Foundations II Standard First Aid and CPR Healthy You Team Sports IHSA Officiating Driver Education	Healthy Foundations I Healthy Foundations II Standard First Aid and CPR Healthy You Team Sports Intro to Athletic Trainin IHSA Officiating Driver Education
	Drama I Drama II Acting Drama II Tech Intro to Theatre	Drama I Drama II Acting Drama II Tech Intro to Theatre Theatre Workshop I	Drama I Drama II Acting Drama II Tech Intro to Theatre Theatre Workshop I Theatre Workshop II Honors	Drama I Drama II Acting Drama II Tech Intro to Theatre Theatre Workshop I Theatre Workshop II Honors
	Intro to Chorus Chorus I Beginning Strings - Violin & Viola Beginning Strings - Cello & Bass Intermediate Strings Symphony Strings Honors String Ensemble Honors Beginning Band Concert Band Symphonic Band Honors Wind Ensemble Honors Music: From Bach to Rock	Intro to Chorus Chorus I Chorus II A Cappella Honors Mac Melody Music Theory Workshop Vocal Techniques Beginning Strings - Violin & Viola Beginning Strings - Cello & Bass Intermediate Strings Symphony Strings Honors String Ensemble Honors Beginning Band Concert Band Symphonic Band Honors Wind Ensemble Honors Music: From Bach to Rock	Intro to Chorus Chorus I Chorus II Advanced Chorus Honors A Cappella Honors Mac Melody Music Theory Workshop AP Music Theory Vocal Techniques Beginning Strings - Violin & Viola Beginning Strings - Cello & Bass Intermediate Strings Symphony Strings Honors String Ensemble Honors Beginning Band Concert Band Symphonic Band Honors Wind Ensemble Honors Music: From Bach to Rock	Intro to Chorus Chorus I Chorus II Advanced Chorus Honors A Cappella Honors Mac Melody Music Theory Workshop AP Music Theory Vocal Techniques Beginning Strings - Violin & Viola Beginning Strings - Cello & Bass Intermediate Strings Symphony Strings Honors String Ensemble Honors Beginning Band Concert Band Symphonic Band Honors Wind Ensemble Honors Music: From Bach to Rock
ELECTIVES Students must choose a minimum of three course offerings to fulfill the electives credit.				

	Freshman	Sophomore	Junior	Senior
SCIENCE	Biology Honors Biology Advanced Biology Computer Science Essentials Intro to Coding Mobile App Creation	Chemistry Honors Chemistry Advanced Chemistry Computer Science Essentials Intro to Coding Mobile App Creation AP Computer Science Principles Robotics and Computer Applications	AP Biology AP Chemistry Computer Science Essentials Engineering Principles Physics Honors Physics Advanced Physics Intro to Coding Mobile App Creation AP Computer Science Principles Robotics and Computer Applications	AP Biology AP Chemistry AP Physics I AP Physics C - Mechanics Computer Science Essentials Environmental Science Advanced Physiology Honors Anatomy & Physiology Engineering Principles Intro to Coding Mobile App Creation AP Computer Science Principles Robotics and Computer Applications
SOCIAL SCIENCE	AP Human Geography	AP World History World History Honors World History Advanced World History Entrepreneurship Studies Business Tech / Digital Marketing Personal Finance	AP US History US History Honors US History Advanced Advanced Economics Psychology Advanced Sociology Advanced American Criminal Justice Advanced Entrepreneurship Studies Business Tech / Digital Marketing Personal Finance	AP US Government & Politics Advanced Economics Psychology Advanced Sociology Advanced American Criminal Justice Advanced Entrepreneurship Studies Developmental Psychology Honors AP Psychology Business Tech / Digital Marketing Personal Finance
VISUAL ARTS & TECHNOLOGY	Intro to Drawing Intro to Painting Ceramics Sculpture Clay Sculpture and Wheel Throwing Art and Emerging Tech	Intro to Drawing Intro to Painting Ceramics Sculpture Clay Sculpture and Wheel Throwing Art and Emerging Tech Graphic Design I Graphic Design II Digital Animation Advanced Drawing Advanced Painting Web Page Layout and Design Illustration Journalism I Digital Illustration on the iPad	Intro to Drawing Intro to Painting Ceramics Sculpture Clay Sculpture and Wheel Throw Art and Emerging Technology Graphic Design I Graphic Design II Digital Animation Studio Art Honors Web Page Layout and Design Illustration Journalism II Honors - Yearbook & Newspaper Journalism I Art History AP Art History Photography I Photography II Advanced Drawing Advanced Painting Digital Illustration on the iPad AP Art and Design Technical Drawing and CAD	Intro to Drawing Intro to Painting Ceramics Sculpture Clay Sculpture and Wheel Throw Art and Emerging Technology Graphic Design I Graphic Design II Digital Animation Studio Art Honors Web Page Layout and Design Illustration Journalism II Honors - Yearbook & Newspaper Journalism I Art History AP Art History Photography I Photography II Advanced Drawing Advanced Painting Digital Illustration on the iPad AP Art and Design Technical Drawing and CAD
WORLD LANGUAGES	French I Advanced French I Honors Spanish I Spanish I Advanced Spanish I Honors	French II Advanced French II Honors Spanish II Spanish II Advanced Spanish II Honors	French III Advanced French III Honors Spanish III Spanish III Advanced Spanish III Honors	French IV Advanced AP French Spanish IV Advanced Spanish IV Honors AP Spanish Latin IV Honors



Course Placement and Tracking *Information*

- To accommodate a variety of student learners in terms of skills, abilities, and interest, Mother McAuley uses a vertical tracking system. This system allows for a variety of courses at a variety of levels.
- Incoming freshmen: Incoming freshmen are placed based on the results of their High School Placement Test (HSPT).
- Once placed, students can move up and down a track depending on preparations and performances within specific disciplines.

Explanation of Tracks

Academic: Academic level classes incorporate a review of basic skills with increasing focus on the higher level skill of application. These classes have a slightly smaller class setting and more teacher-facilitated instruction.

Advanced: Advanced level classes focus more on higher level skills of application and analysis. The goal is to facilitate student learning so that they become more self-motivated. Academic classes expect students to be active participants in the learning process.

Honors: Honors classes integrate higher level thinking skills of application, analysis, and synthesis of content with an expectation of more independent learning. These classes require students to take initiative, think critically, problem solve, and apply learned concepts.

Advanced Placement: AP courses are structured to align with the College Board curriculum focused on depth of content. Students in these courses are independent learners, self-motivated and able to complete assignments with minimal guidance. There is a significant amount of work outside of class. Students who enroll are required to sit for the AP test in May.

Advanced Placement Program

Mother McAuley Liberal Arts High School offers an extensive Advanced Placement Program with a total of 20 classes in English, Mathematics, Music, Science, Social Science, Visual Arts & Technology and World Languages. The Advanced Placement Program courses provide students with the opportunity to experience the challenge of college-level courses while still in the supportive high school environment. Students who participate in Advanced Placement courses are challenged to reason, analyze and understand independently. By setting high standards for each student, the Advanced Placement Program instills a quest for knowledge and the ability to be a self-directed learner. Students are required to take the College Board Advanced Placement Exam at the end of the course. Exam fee required. (2022-2023 \$97.00 fee)

AP Courses offered at McAuley

AP Language and Composition	AP Chemistry	AP Psychology
AP Literature & Composition	AP Physics C - Mechanics	AP Art History
AP Calculus AB	AP Physics I	AP Art and Design
AP Statistics	AP Human Geography	AP French Language
AP Music Theory	AP World History	AP Spanish Language
AP Computer Science Principles	AP U.S. History	
AP Biology	AP U.S. Government and Politics	

Courses held in conjunction with Brother Rice

AP Music Theory	Symphonic Band Honors	Theatre Workshop I
Beginning Band	Wind Ensemble Honors	Theatre Workshop II Honors
Concert Band		

Dual Credit Courses

Successful completion of the following courses earns college credit hours through the dual credit program with Saint Xavier University, Chicago, IL. The purpose of the college credit program is to provide transferable college credit for knowledge and skills students have mastered in high school courses.

Saint Xavier University (SXU)

The following courses qualify for dual credit at Mother McAuley Liberal Arts High School and Saint Xavier University, SXU course fee: (2022-2023: Cost is \$60.00 per credit hour).

Mother McAuley Liberal Art High School

AP Biology 418
AP Literature and Composition 102
AP Spanish Language 519
AP Statistics 326

Saint Xavier University

General Biology I & II - BIOL 111 & 112 - 10 credits
Introduction to Literature - ENGL 154 - 3 credits
Intermediate Spanish I & II - SPAN 103 & 104 - 6 credits
Introduction to Statistics - MATH 135 - 4 credits

If you have any questions regarding the Dual Credit Program, please contact our Assistant Principal of Academics, Ms. Sandra Smycz at ssmycz@mothermcauley.org

Curriculum Guide Key

Course name	→ Introduction to Drawing	9, 10, 11, 12	← Who may take this course
Course number	→ 703	1 semester	← How long the course runs
Amount of credit	→ ½ credit		← Course description
This course provides an introduction to basic drawing techniques, materials, composition skills and elements of design. Still life and portraiture are among the subject matters covered. This is a required course for those interested in pursuing Introduction to Painting, Advanced Drawing / Painting, Illustration, Digital Illustration on the iPad, Studio Art Honors and Advanced Placement Art and Design.			



2023 Scheduling Calendar

Parents/Guardians will receive the student scheduling presentation electronically. This presentation will be uploaded to our website in the Parent Portal for future reference.

Scheduling contracts will be given to students in their English classes Tuesday, January 17.

January 20	Freshmen Scheduling Assembly – In Dining Hall
January 20	Sophomore/Junior Scheduling Assembly – In Auditorium
January 17-20	Teachers will indicate current course number and future course number on the freshman, sophomore, and junior contract and sign the student's scheduling contract.

Class of 2024

January 23 – February 17	Juniors will meet with their College Counselor to select courses to satisfy graduation requirements and to align courses with future college plans, submit courses through PlusPortals, and submit their scheduling contract with required signatures.
February 17	A \$185.00 non-refundable registration fee must be paid through the PlusPortal link once courses are submitted.

Class of 2025

January 23 – February 3	Sophomores will meet with their School Counselor to select courses to satisfy graduation requirements and to align courses with future college plans, submit courses through PlusPortals, and submit their scheduling contract with required signatures.
February 3	A \$185.00 non-refundable registration fee must be paid through the PlusPortal link once courses are submitted.

Class of 2026

February 6-17	Freshmen will meet with their School Counselor to select courses to satisfy graduation requirements and to align courses with future college plans, submit courses through PlusPortals, and submit their scheduling contract with required signatures.
February 17	A \$185.00 non-refundable registration fee must be paid through the PlusPortal link once courses are submitted.

Class of 2027

TBA



English

*Students are required to take English all 4 years. The objective of the English curriculum is to expose students to and gain an appreciation for the various genres in literature, continue to strengthen comprehension and writing skills, develop strong critical thinking skills, and foster effective communication skills. The overall goal of the English Department is for each student to continue to deepen her abilities to think critically, write fluently, communicate effectively, and appreciate literature through the power and impact of words. **If you have any questions about the English curriculum, please contact department chair Sister Nancy Houlihan, RSM at nhoulihan@mothermcauley.org.***

English I Honors

9

140

1 credit

2 semesters

This course is devoted to developing composition skills and introducing the students to all major literary genres of short story, drama, poetry, novel, essay and mythology. The writing process is developed in connection with grammar and vocabulary throughout the year. Writing requirements include literary analysis and a research paper in MLA style developed through the full research process. **Summer reading required.**

English I Advanced

9

141

1 credit

2 semesters

This course focuses on composition skills and introduces students to the major literary genres of short story, drama, poetry, novel, essay and mythology. Independent reading assignments are given regularly. Students develop composition skills through various modes of writing, including a literary analysis paper, both with teacher guidance and via independent practice. Grammar and vocabulary are studied throughout the year. **Summer reading required.**

English I

9

144

1 credit

2 semesters

This course focuses on the basics of composition and introduces students to the major literary genres of short story, drama, poetry, novel, essay and mythology. Reading assignments are completed both with teacher support and independently. Students develop composition skills through various modes of writing, including a literary analysis paper, both with extensive teacher guidance and via independent practice. Students will review basic principles of grammar as a means to develop their writing skills. Grammar and vocabulary are studied throughout the year. **Summer reading required.**

English II Honors

10

130

1 credit

2 semesters

This course continues to develop and expand upon the composition and analysis skills learned during freshman year. Nonfiction, poetry, short story, drama and novels in World Literature are explored and analyzed. Close reading skills are reinforced and critical thinking skills are cultivated. Writing requirements include various forms of personal, persuasive and literary analysis essays in MLA style. Research skills are reinforced and developed. Several forms of graded discussion are implemented throughout the year, and students are given the opportunity to practice their public speaking skills. **Summer reading required.**

English II Advanced

10

131

1 credit

2 semesters

This course continues to develop and expand upon the writing, grammar, and vocabulary skills learned in freshman year. Nonfiction, poetry, short story, drama and novels in World Literature are explored and analyzed. Close reading skills are introduced and critical thinking skills are cultivated. Writing requirements include various forms of personal and literary analysis essays in MLA style. Research skills are introduced and practiced. Writing assignments are completed both independently and with teacher guidance. Several forms of graded discussion are implemented throughout the year, and students are given the opportunity to practice their public speaking skills. **Summer reading required.**

English II

10

134

1 credit

2 semesters

This course continues to develop and expand upon the writing, grammar, and vocabulary skills learned in freshman year. Nonfiction, poetry, short story, drama and novels in World Literature are explored and analyzed. Close reading skills are introduced and critical thinking skills are cultivated with teacher support. Writing requirements include various forms of personal and literary analysis essays in MLA style. Research skills are introduced and practiced. Writing assignments are completed both independently and with continual teacher guidance. Graded discussion is implemented throughout the year, and students are given the opportunity to practice their public speaking skills. **Summer reading required.**

Advanced Placement Language and Composition

11

125

1 credit

2 semesters

AP Exam Fee Required

This course provides a study of classical and contemporary American Literature with an emphasis on non-fiction selections. Students write in various forms of discourse on a wide range of subjects. Reading and critical analysis skills are developed through discussion and writing. The focus is on understanding through analysis of style and syntax. Students are required to take the Advanced Placement Exam in Language and Composition at the end of the course. Prerequisite is B or better in English 130 or teacher recommendation. **Summer reading required.**

English III Honors

11

120

1 credit

2 semesters

This course is an extensive study of American Literature and is closely aligned with Advanced Placement U.S. History and U.S. History Honors. Students strive to evaluate and appreciate the literary genres as they broaden their knowledge of their American heritage. Close reading and critical analysis of various literary genres prove centrally important throughout this course. Writing requirements include personal and literary essays and a research paper in MLA style. Extensive use of electronic databases accompanies the research unit. Composition, vocabulary and grammar skills are reinforced within the added context of standardized test prep throughout the year. **Summer reading required.**

English III Advanced

11

121

1 credit

2 semesters

This course is a year-long chronological survey of American Literature, stressing the interrelatedness of literature and history. Close reading skills are developed and critical thinking skills are cultivated. Writing requirements include personal and literary essays and a research paper in MLA style. Extensive use of electronic databases accompanies the research unit. Composition, vocabulary and grammar skills are reinforced within the added context of standardized test prep throughout the year. **Summer reading required.**

Advanced Placement in Literature and Composition

12

102

1 credit

2 semesters

Saint Xavier University (*College Credit is available. See page 6 of this Curriculum Guide.*)

AP Exam Fee Required

This course provides an extensive study of classical and contemporary literature in a variety of genres, including non-fiction, novel, short story, drama and poetry. The college-level student writes in various forms of discourse, in addition to mastering the techniques of research and MLA documentation. Students are required to take the Advanced Placement Exam in Literature and Composition at the end of the course. **Prerequisite is B or better in English 120 (or teacher recommendation), or C or better in English 125 (or teacher recommendation).** **Summer reading required.**

English IV Honors

12

110

1 credit

2 semesters

This course provides an intensive study of British Literature, including genres of poetry, epic novel, short story and drama during semester one. Semester two focuses on works of fiction and non-fiction that reflect social, political and ethical issues of the 20th and 21st centuries. The scope of the reading selections are more contemporary and will not be limited exclusively to British Literature. Writing includes formal literary essays and one research paper in MLA style. Grammar and vocabulary skills are reinforced throughout the year. **Summer reading required.**



English IV Advanced

12

111

1 credit

2 semesters

This course provides an in-depth study of British Literature during the first semester, including genres of poetry, epic novel, short story and drama during semester one. Semester two focuses on works of fiction and non-fiction that reflect social, political and ethical issues of the 20th and 21st centuries. The scope of the reading selections is more contemporary and will not be limited exclusively to British Literature. Writing includes formal literary essays and one research paper, both written in MLA style. Grammar and vocabulary skills are reinforced throughout the year. **Summer reading required.**

Journalism I - Yearbook and Newspaper

10, 11, 12

115

1 credit: ½ English, ½ Art

2 semesters

Journalism is an interdisciplinary, Art/English elective course in which students spend one semester learning the basics of journalism and one semester learning photo journalism, design and layout. Students will learn how to research information, and write and edit stories in AP style. In addition, students will learn InDesign, Photoshop and eDesign software. The specific content of the class can be found in the description for class Journalism II 117. Honors or Advanced level English must be taken concurrently. **This is a required course for those students interested in writing and designing both the school newspaper and yearbook in Journalism II Honors.**

Journalism II Honors - Yearbook and Newspaper

11, 12

117

1 credit: ½ English, ½ Art

2 semesters

This is a team-taught, interdisciplinary, project-based course in which students will collaborate, write news, editorials and features. They will also learn and adapt creative approaches to advertise, edit, design and lay out the school newspaper and yearbook. Journalism Honors students will:

- select and develop appropriate themes for “In-School” publications through peer collaboration
- recognize and demonstrate the elements of a newspaper/yearbook layout
- apply photo journalistic techniques
- create interesting compositional layout designs
- operate ‘Photoshop’, ‘In Design’ and eDesign software
- produce layouts and copy to meet publication deadlines
- develop and plan a public relations event to support overall sales of the yearbook

As an honors level class, students are expected to adhere to a rigorous schedule that has specific deadlines determined by publishers. Expectations for these deadlines require strong organizational skills, the ability to communicate well with others and responsible decision making. AP, Honors and Advanced level English must be taken concurrently. **This class may be taken more than once.**

Broadcast Journalism

10, 11, 12

145

1 credit

2 semesters

This is a full year course intended for students interested in broadcast journalism and production. Students will learn all aspects of a news production and that it is a team effort - all positions are equally dependent on each other for the success of the production. This course will include how to report, write, and edit for broadcast news, speech and communication skills for reporting and interviewing, and media literacy and ethical standards of journalism. At the production level, this course will include how to use the technical equipment involved as well as learning how to produce and direct. Students will showcase their work on camera and behind the scenes. Student work will be broadcast to the McAuley community.

Creative Writing

10, 11, 12

107

½ credit

1 semester

This course focuses on the development of creative potential through the techniques of writing fictional genres -- primarily poetry, short story and drama. Students are also introduced to the process of submitting their work for publication and contests. Assessment includes the creation of a portfolio. This course does not fulfill an English requirement.

Public Speaking

9, 10, 11, 12

732

½ credit

1 semester

This course is designed to prepare young women to meet any and all speaking and communication experiences with confidence. Using a variety of speaking styles and techniques modeled on the TED-Talk presentation format, students will write creative, personal speeches on topics about which they feel passionate. Students will workshop a variety of vocal and physical traits, such as meaningful eye contact, rate, pitch and inflection and appropriate nonverbal expression. Each mode of speaking is practiced and performed. The course will also offer a special emphasis on interpersonal communication skills. **This course fulfills part of the Performing Arts requirement.**



Mathematics

*The mission of the Mother McAuley Math department is to provide a rigorous, thought-provoking curriculum to deepen student engagement and interest in mathematics. This is accomplished through teachers' commitments to incorporate student-centered learning activities where students develop and communicate deeper understandings of concepts by exploring real-life reasonings tasks and engaging in mathematical discourse. The overall goal is to empower young women to achieve their greatest potential and prepare them to problem solve and think critically in college courses and professional situations. **If you have any questions about the math curriculum, please contact department chair Mrs. Meghan Brazel at mbrazel@mothermcauley.org.***

Algebra Honors

9

325

1 credit

2 semesters

Students whose entrance test scores demonstrate exceptional ability in mathematics are placed in this course. Algebra Honors is a comprehensive study of the principles and concepts of both algebra and advanced algebra and the critical thinking skills used in problem solving. Topics covered include equations and inequalities, functions and their graphs, polynomials, rational and radical expressions, and quadratic equations. The students are introduced to and use the required TI-84 Plus graphing calculator to support their algebraic work. The course is designed to challenge students and provide them with a strong algebraic background to continue in the Honors program.

Algebra Advanced

9

327

1 credit

2 semesters

This course covers the principles and concepts of Algebra and the critical thinking skills used in problem solving. This comprehensive course covers the Algebra skills necessary for further study of Geometry and Advanced Algebra. Topics covered include operations on the real number system, equations and inequalities, linear equations and their graphs, polynomials and quadratic equations. The students are introduced to and use the required TI-84 Plus graphing calculator to support their algebraic work.

Algebra

9

328

1 credit

2 semesters

This course is a comprehensive study of the principles and concepts of algebra and the critical thinking skills used in problem solving. The course begins with a review of operations on the real number system and then moves on to study the algebraic topics of equations and inequalities, linear equations and their graphs, polynomials and algebraic functions. The students are introduced to and use the required TI-84 Plus graphing calculator to support their algebraic work.

Geometry Honors

9, 10

315

1 credit

2 semesters

This course covers, in depth, the relations among points, lines and planes and the figures formed by the points, lines and planes in both two and three dimensional spaces. Emphasis is on the development of deductive reasoning skills and their applications to mathematical proofs and computational problems. A TI-84 Plus graphing calculator is required.

Completion of Math 325 or Morning Math 333 with a C or better and teacher recommendation is required.

Geometry Advanced

10

317

1 credit

2 semesters

This course encourages the students to delve into two and three dimensional geometric relations of points, lines and figures in a plane by developing their critical thinking skills, while applying concepts algebraically and deductively. A TI-84 Plus graphing calculator is required. **Completion of Math 327 with a C or better and teacher recommendation is required.**

Geometry

10

318

1 credit

2 semesters

This course is an introductory geometry course that introduces the students to the geometry concepts of points, lines, angles, and figures in a plane with emphasis on developing logical and critical thinking skills. A TI-84 Plus graphing calculator is required. **Completion of Math 328 and teacher recommendation is required.**

Pre-Calculus Honors

10, 11

302

1 credit

2 semesters

This course prepares students to study Calculus as it expands on and combines advanced Algebra and Geometry skills. There is a comprehensive treatment of Trigonometry and functions with emphasis on problem solving and applications of math. Extensive work is done with the required TI-84 Plus graphing calculator. **Completion of Math 315 with a C or better and teacher recommendation is required.**

Algebra II Advanced

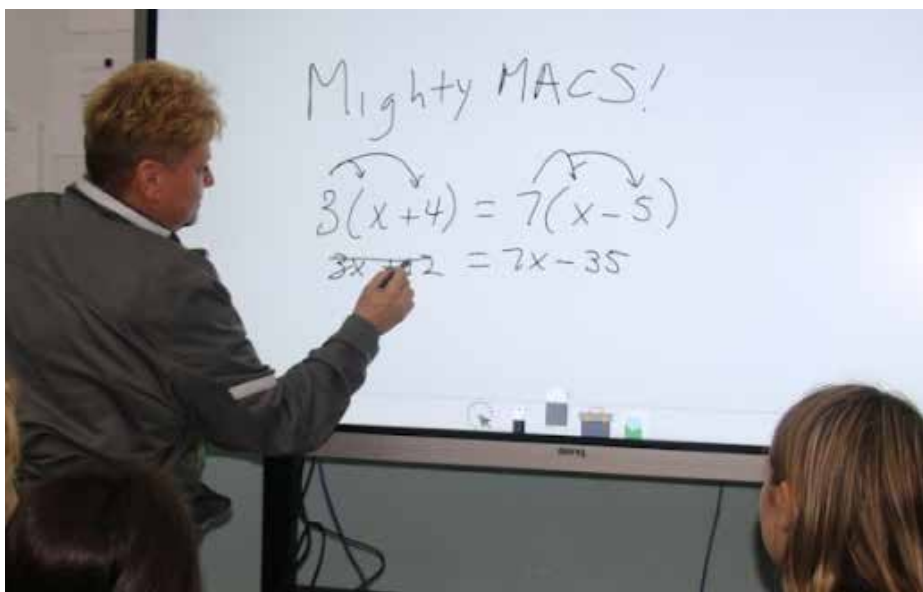
11

309

1 credit

2 semesters

This course is a second course in algebra, reinforcing and expanding on such algebra topics as: real and complex numbers, relations and functions, equations and inequalities, conic sections and operations with radicals and their applications to problem solving situations. It also covers solving polynomial functions and an introduction to Trigonometry. A TI-84 Plus graphing calculator is required. **Completion of Math 317 with a C or better and teacher recommendation is required.**



Algebra II

11

314

1 credit

2 semesters

This course is a second course in algebra, reinforcing and expanding on such algebra topics as real and complex numbers, relations and functions, equations and inequalities, conic sections and operations with radicals and their applications to problem solving situations. A TI-84 Plus graphing calculator is required. **Completion of Math 318 and teacher recommendation is required.**

Advanced Placement Calculus AB

11, 12

300

1 credit

2 semesters

AP Exam Fee Required

This course is equivalent to the first semester of calculus included in a standard college curriculum. It covers the concepts, techniques and applications of Differential Calculus and Integral Calculus. Students are required to take the Advanced Placement Exam in Calculus AB at the end of the course. A TI-84 Plus graphing calculator is required.

A "B" average in Math 302 and teacher recommendation is required. Summer work is required.

Calculus Honors

11, 12

335

1 credit

2 semesters

This course is a continuation of Pre-Calculus Honors 302 and will prepare the student for advanced college mathematics. The concepts and techniques of Limit, Differential Calculus, and Integral Calculus are covered. There is an emphasis on applications that use series of calculations to draw proper conclusions and use advanced properties. A TI-84 graphing calculator is required. **Completion of Math 302 or 303 and teacher recommendation is required.**

Summer work is required.

Advanced Placement Statistics

12

326

1 credit

2 semesters

Saint Xavier University (*College Credit is available. See page 6 of this Curriculum Guide.*)

AP Exam Fee Required

This course is equivalent to the first semester of statistics in a standard college curriculum. It covers four main areas: exploratory analysis, planning a study, probability and statistical inference. Extensive independent reading and analytical thinking is required. Students are required to take the Advanced Placement Exam in Statistics at the end of the course.

A TI-84 Plus graphing calculator is required. A TI-84 Plus graphing calculator is required. **Completion of 300 or 335 and teacher recommendation is required. This course can be taken concurrently with 335 or 300. Summer work is required.**

Pre-Calculus

12

303

1 credit

2 semesters

This course is designed for students who want to be better prepared for college calculus or Advanced Placement courses while still in high school so that they may start in higher level courses when entering college. The course covers the concepts of pre-calculus mathematics including a comprehensive treatment of trigonometry and functions with emphasis on problem solving and applications of math. Extensive work is done with the required TI-84 Plus graphing calculator. A strong algebra and geometry background is required for this course. **Completion of Math 309 with a "C" or better is required.**

Trigonometry and Statistics

12

340

1 credit

2 semesters

This year-long course is for students who have completed Advanced Algebra. In this course, the student will study triangle trigonometry, trigonometric functions, trigonometric identities and equations, and applications of trigonometry. In this course, the student will study the description of sample data, numerical methods for analyzing data, normal distribution, sampling and estimation, goodness of fit, linear correlation, regression, and rules of probability. A TI-84 Plus graphing calculator is required. **Completion of Math 309 with a “C” or better is required.**

College Algebra with Trigonometry

12

338

1 credit

2 semesters

Prior to taking this course, students have covered polynomials, rational expressions, and function rules. This course covers exponential, logarithmic, and conic equations. The trigonometric skills include the unit circle, law of sines and cosines, using Trigonometric identities to simplify and solve expressions and equations, and graphing trigonometric functions. After learning the definitions and principles of probability, the statistics units cover the binomial theorem, measures of central tendencies and variation, and displaying distributions of data. **Completion of Math 314 and teacher recommendation is required.**



Physical Education

*Mother McAuley students are required to take 1 year of Physical Education. In accordance with the state and national standards, our curriculum exposes students to a wide range of sports and activities and seeks to develop physical literacy and movement skills. Students will engage in cooperative games with their peers, choose goals and self-reflect, and use technology to enhance physical fitness. The goal of the physical education program is to develop students who can have a lifelong appreciation for, and interest in, physical and leisure activities to promote fun and well-being throughout the lifespan. Our electives provide an opportunity for students to learn specialized skills in various areas including CPR, Health, and Athletic Training. **If you have any questions about the PE curriculum, please contact department chair Mrs. Rebecca Finn at rfinn@mothermcauley.org.***

Driver Education

9, 10, 11, 12

609

This course is designed to develop good driving skills, knowledge and attitudes with an emphasis on safety. The goal is to develop a more conscientious, efficient traffic citizen, who understands and demonstrates the essential components of the safe operation of a motor vehicle. All students must pass tests on the rules of the road, signs, and vision to be eligible for behind the wheel instruction and to receive their driving permit. Students have to meet the minimum requirement for completion of 30 class hours in order to “pass” the class, thus attendance is imperative. Students must be 15 years of age by August 1 or January 1, depending on the semester in which they enroll. Students must also be in good academic standing and tuition must be paid in full. Driver Education is a 1 semester course that meets in conjunction with a study hall. Students will either attend class on M, W, Th or Tu, Th, F, with non class days being a study hall. **There is a \$100 fee to take Driver Education which must be paid at the time of registration.**

IHSA Officiating

11, 12

628

½ credit

This course is for students who are interested in sports, sports officiating or interested in a pathway to a part time job as a sports official either for the IHSA (Illinois High School Association) or local rec and club leagues. Students will learn rules and regulations of selected team sports (volleyball, basketball, soccer, softball and lacrosse), developing skills in the area of communication, decision-making, and conflict management, which are needed to officiate team sport competitions. Students will be given the opportunity to participate in the sports while learning to officiate. At the conclusion of the course, students will be required to take at least one of the IHSA rules exam to get certified. **There is a testing fee of \$70 for the first sport. This is an elective course and does not fulfill the PE requirement.**

Healthy Foundations I

9, 10, 11, 12

638

½ credit

1 semester

This course is the foundation of the physical education curriculum. Aspects of fitness and wellness are explored such as goal setting, target heart rate and fitness assessment. A variety of team and individual sports will be taught such as badminton, ultimate Frisbee, pickle ball, etc. Students will also participate in fitness activities such as yoga, strength training and step aerobics. Upon completion of this course students will be more knowledgeable in rules, skills and strategies of various sports and activities as well as components to a healthy lifestyle. P.E. uniform (shirt and shorts) and heart monitor strap are included in the \$45.00 class fee mentioned on the booklist. **This course is a prerequisite for Healthy Foundations II. This course, in conjunction with Healthy Foundations II, fulfills the physical education requirement.**

Healthy Foundations II

9, 10, 11, 12

639

½ credit

1 semester

This course is the foundation of the physical education curriculum. Aspects of fitness and wellness are explored such as goal setting, target heart rate and fitness assessment. A variety of team and individual sports will be taught such as badminton, ultimate Frisbee, pickle ball, etc. Students will also participate in fitness activities such as yoga, strength training, and step aerobics. Upon completion of this course students will create a personal exercise plan and will be more knowledgeable in rules, skills and strategies of various sports and activities as well as the components to a healthy lifestyle. **A prerequisite of Healthy Foundations I is required. This course, in conjunction with Healthy Foundations I fulfills the physical education requirement.**

Team Sports

10, 11, 12

632

½ credit

1 semester

Aspects of physical fitness and wellness are explored through a variety of team sports. Upon completion of this course, students will be familiar with the rules, skills, sportsmanship, team play and strategies of team sports. Sports can include basketball, soccer, volleyball, floor hockey, flag football, etc. **This is an elective course and does not fulfill the PE requirement.**

Standard First Aid and CPR

10, 11, 12

643

½ credit

1 semester

Safety techniques and the immediate care of the injured or suddenly ill are taught in this course. Students take practical and written tests for bandaging, wound care, choking, unconscious choking, and adult, child, and infant CPR. Students may receive Red Cross Certification for CPR upon successful completion of this course. **This course will alternate yearly with Healthy You and be offered during the 2023-2024 school year. This is an elective course and does not fulfill the PE requirement.**

Healthy You

10, 11, 12

651

½ credit

1 semester

This course is for students who desire to gain additional knowledge in nutrition, reduce health risks (alcohol, tobacco, drugs), mental and emotional health, stress, personal care and life learning skills. **This course will alternate yearly with Standard First Aid and CPR and be offered during the 2024-2025 school year. This is an elective course and does not fulfill the PE requirement.**

Introduction to Athletic Training

12

641

½ credit

1 semester

This course is designed for students interested in entering the Athletic Training or another medical profession (i.e. physical therapy, occupational therapy, physician assistant, nurse, etc.) Concurrent enrollment in Anatomy and Physiology is strongly recommended. This course will cover basic principles of Kinesiology as well as the prevention, recognition, evaluation and treatment of athletic injuries. **This is an elective course and does not fulfill the PE requirement.**

Performing Arts

Music

*Students at Mother McAuley are required to take 1 year of any fine art class (performing or visual art). Part of that requirement includes a .5 credit in music or theatre. Every music course may be used to fulfill the music/theatre, fine arts, and/or elective graduation requirement. Music program goals include; encouraging and developing each student's giftedness, providing opportunities for students to share their talents with the community through multiple performances, enabling students to think critically about musical pieces, analyze performances, communicate effectively, and grow intellectually and aesthetically. Courses range from beginner to advanced and all levels of talent, in vocal and/or instrumental, are welcomed. **If you have question about the Music curriculum, please contact department chair Mrs. Rebecca Finn at rfinn@mothermcauley.org.***

Introduction to Chorus

9, 10, 11, 12

893

½ credit

1 semester

If you have ever wanted to try to sing in a choir, this is the class for you. This one semester course will give students of any age or experience level the chance to see what it is like to creatively collaborate in a group singing experience. Students will learn how to use correct singing techniques to enhance their singing abilities as well as music from various styles. Students in this class will perform at the Christmas concert in the fall semester or the spring concert in the spring semester.

Chorus I

9, 10, 11, 12

808

1 credit

2 semesters

This full-year fine arts course requires no prerequisite classes and provides students with an opportunity to creatively collaborate with a large group of singers and to explore music from a variety of cultures, styles and time periods. No prior singing experience is necessary to be a part of this choir. Students will learn how to use correct singing techniques to enhance their singing abilities and musicality. Chorus I will perform in concerts at Christmastime and in the Spring.

Chorus I is a prerequisite for Chorus II, Mac Melody and A Cappella Choir.

Chorus II

10, 11, 12

809

1 credit

2 semesters

Chorus II continues to build and strengthen vocal techniques for the full year. Students are provided with large and small group experience. More advanced levels in theory and sight-singing are covered. Several public performances and concerts are included in the course **Prerequisite of Chorus I is required.**

Advanced Chorus Honors

11, 12

793

1 credit

2 semesters

Advanced Chorus Honors will provide junior and senior students an intensive study in all facets of music; including vocal performance, theory, and history. Students will perform a wide variety of challenging repertoire. This course will require additional rehearsals and performances as well as opportunities for outside performances. **Prerequisite of Chorus II is required.**

A Cappella Honors

794

½ credit

Time: Monday & Wednesday – 3:00 to 4:00 p.m.

10, 11, 12

Audition

2 semesters

This is a specialized group concentrating on A Cappella choral literature that demands members who are highly motivated. Students will increase musical proficiency in areas of theory, history, performance and musicianship. Considerable outside performances are required. **Membership in Chorus I is a prerequisite. Concurrent membership in a McAuley chorus is strongly recommended for each year of enrollment in A Cappella.**

Mac Melody

782

½ credit

Time: Monday & Wednesday – 3:00 to 4:00 p.m.

10, 11, 12

Audition

2 semesters

Mac Melody is a specialized group concentrating on the “show choir” aspect of music. This class will incorporate dancing into choral performances. **Membership in Chorus I is a prerequisite. Concurrent membership in a McAuley chorus is strongly recommended for each year of enrollment in Mac Melody.**

Vocal Techniques

812

¼ credit

Time: Tuesday – 3:00 to 4:00 p.m.

10, 11, 12

2 semesters

This course is for students who want to develop vocal technique and vocal repertoire. Participation in recitals is required. Membership in a McAuley chorus is a prerequisite. **This course alternates yearly with Music Theory Workshop (813) and will be offered in the 2024-2025 school year.**

Advanced Placement Music Theory - Mother McAuley & Brother Rice

781

1 credit

AP Exam Fee Required

11, 12

2 semesters

This course covers complex musical composition. Beginning with the foundations of music, students quickly work to analyze music on a theoretical level. Breaking down notes from within compositions, students will work to understand the rationale behind how music is composed. Students will also work on aural skills as they are associated with analysis of music. This is a very challenging and fast paced course. Students are required to take the Advanced Placement Exam in Music Theory at the end of the course. **Students who wish to enroll in AP Music Theory must have taken a minimum of two years of a music ensemble.**



Music Theory Workshop

813

¼ credit

Time: Tuesday – 3:00 to 4:00 p.m.

10, 11, 12

2 semesters

Music Theory Workshop is a course intended to prepare students for college-level music theory course work or the AP Music Theory class. Aural skills exercises related to these topics will be included. Students will have weekly workbook assignments and aural skills assignments. Students must be members of a music department performance ensemble.

This course alternates yearly with Vocal Techniques (812) and will be offered during the 2023-2024 school year.

Beginning Strings – Violin and Viola

801

1 credit

9, 10, 11, 12

2 semesters

This course is for students who would like to learn how to play the Violin or Viola without prior musical experience.

Beginning Strings offers students the opportunity to be a member of the McAuley String Orchestra, providing them with the experience necessary to advance into all instrumental ensembles (as well as Liturgical Strings, All School Musical, etc).

Instruments are provided to students at no cost; no musical experience is required. See Course 814 for Cello and Bass.

Beginning Strings – Cello and Bass

814

1 credit

9, 10, 11, 12

2 semesters

This course is for students who would like to learn how to play the Cello or Bass without prior musical experience.

Beginning Strings offers students the opportunity to be a member of the McAuley String Orchestra, providing them with the experience necessary to advance into all instrumental ensembles (as well as Liturgical Strings, All School Musical, etc).

Instruments are provided to students at no cost; no musical experience is required. See Course 801 for Violin and Viola.

Intermediate Strings

818

1 credit

9, 10, 11, 12

Audition

2 semesters

Intermediate Strings is a second year of group instruction, combining the four orchestral string groups into a single ensemble. It follows the successful completion of Upper or Lower Beginning Strings and intended to prepare the students for the advanced Symphony String Orchestra. Auditioning into the ensemble is possible for an incoming student, provided they have prior experience.

Symphony Strings Honors

796

1 credit

9, 10, 11, 12

Audition

2 semesters

This is an advanced level string ensemble that forms the body of string instruments for the symphonic orchestra. There are multiple performances throughout the year. It is expected that members of the Symphony Strings will have at least two years of group or private instruction on their instruments before being considered for the ensemble. An audition is required for new members. Students will also have the opportunity to enter in state music competitions such as IMEA Music Festival and solo and ensemble. Students will increase musical proficiency in areas of theory, history, performance and musicianship.

String Ensemble Honors

9, 10, 11, 12

798

½ credit

Time: Monday and Wednesday – 3:00 to 4:00 p.m.

Audition

2 semesters

String Ensemble is a performing group of violinists, violists, cellists, and bassists who have proficiency on their instruments. This group performs for school and community events. The musical repertoire performed consists of professional, classical pieces as well as pop string arrangements. Students will increase their musical proficiency in area of theory, history, performance and musicianship. Prerequisite in a String class is required and concurrent enrollment in Symphony String Orchestra is highly recommended.

Beginning Band – Mother McAuley & Brother Rice

9, 10, 11, 12

785

1 credit

2 semesters

In this course, members learn to play a wind, brass, or percussion instrument. The course will be paced at a speed for students who have never played an instrument, students who wish to transition to a new instrument or students who have had little to no experience with a wind, brass, or percussion instrument. Upon successful completion of this course, students are expected to continue their musical journey in a performance group. Instrument choice is determined by student preference and balance of the ensemble. **No musical experience on any instrument is necessary.**

Concert Band – Mother McAuley & Brother Rice

9, 10, 11, 12

786

1 credit

Audition

2 semesters

This course is for students in grades 9 - 12 who have mastered the fundamentals of music (i.e. note reading, physical form, basic playing techniques). Students will continue to develop their technical and reading skills by playing woodwind, brass, or percussion instruments. A variety of method materials and ensemble repertoire will challenge students to prepare for public performance. To enroll, students must have at least one year of musical training. The class will be taught in conjunction with Brother Rice. It is an expectation that all students in the class would march in the Brother Rice/Mother McAuley Marching band during the first quarter including football game performances. Students in Concert Band will be assessed a \$100.00 activity fee to cover the costs associated with participation in the Brother Rice/Mother McAuley Marching Band; the fee will be included in the tuition bill.



Symphonic Band Honors – Mother McAuley & Brother Rice

9, 10, 11, 12

789

1 credit

Audition
2 semesters

This course is for students in grades 9-12 who have mastered the fundamentals of music and intermediate music theory/performance concepts. Students in this course will work on the “Core” of wind ensemble literature. Admission into this class is by audition only. The class will be taught in conjunction with Brother Rice. It is an expectation that all students in the class would march in the Brother Rice/Mother McAuley Marching band during the first quarter including football game performances. Students in Symphonic Band will be assessed a \$100.00 activity fee to cover the costs associated with participation in the Brother Rice/Mother McAuley Marching Band; the fee will be included in the tuition bill.

Wind Ensemble Honors – Mother McAuley & Brother Rice

9, 10, 11, 12

780

1 credit

Audition
2 semesters

This honors class is the most select performance ensemble for students who play wind, brass, and percussion instruments. The ensemble will perform music at a collegiate level, compete at music festivals in the Chicagoland area, and have the opportunity to represent Mother McAuley and Brother Rice at a variety of local and national events. The class will be taught in conjunction with Brother Rice. It is an expectation that all students in the class would march in the Brother Rice/Mother McAuley Marching band during the first quarter including football game performances. Students in Wind Ensemble will be assessed a \$100.00 activity fee to cover the costs associated with participation in the Brother Rice/Mother McAuley Marching Band; the fee will be included in the tuition bill.

Music: From Bach to Rock

9, 10, 11, 12

790

½ credit

1 semester

The major emphasis of this course is to provide students with a variety of musical experiences and activities. The course provides opportunities for growth in the understanding of musical elements such as rhythm and melody, music theory including note reading, and music history focusing on a diverse group of musicians such as Beethoven and the Beatles. This course also develops the ability to listen analytically to many different styles of music from classical to jazz.

Theatre

*Students at Mother McAuley are required to take 1 year of any fine art class (performing or visual art). Part of that requirement includes a .5 credit in music or theatre. Every theatre course may be used to fulfill the music/theatre, fine arts, and/or elective graduation requirement. The theatre program creates opportunities for the student to develop her communication as interpretive skills and an actor, speaker or technician and to demonstrate her artistic and personal growth through performance and creation. Program goals include developing self-confidence and poise, creating an environment where students feel supported by peers, applying critical thinking skills through analysis of theatre works and performances, and enhancing awareness of the student's world and her relationship to it through in-depth character study and design projects. **If you have question about the Theatre curriculum, please contact department chair Mrs. Rebecca Finn at rfinn@mothermcauley.org.***

Introduction to Theatre

9, 10, 11, 12

731

½ credit

1 semester

This course introduces students to amateur and professional theatre, giving them a backstage pass to see how theatre is created. Students will compete on a team to 'produce' the most lucrative play, see and review a musical or play at Mother McAuley, explore the creation of a Broadway play, tour a theatre in downtown Chicago, hear from professionals working in theatre, cast a play with your favorite actors and more. Students do not need ANY theatre or acting experience - just a willingness to have fun.

Drama I

9, 10, 11, 12

721

½ credit

1 semester

This course introduces any student to elements of both acting and technical theatre. Students of any experience level may take this course. This highly interactive, creative, and collaborative class gives students the opportunity to discover both strengths and areas of interest in theatre from an introductory level. In the acting unit, students will create relaxing warm-up routines, use senses and memory for the actor, create pantomime scenes with a group, and participate in improv games and scene-work. In the technical unit, students will learn how to operate the lights and sound in the theatre, how to operate the curtains, how to identify and operate several tools for set-building, and how to run the thrust on the stage. Students may then choose an area of focused study continuing forward. **This course is a prerequisite for Drama II Acting and Drama II Tech.**

Drama II Acting

9, 10, 11, 12

722

½ credit

1 semester

This course is for any student who has taken Drama I, and who has an interest in acting. Students will practice skills in a collaborative and creative atmosphere. Skilled developed focus on more advanced training for the actor, including character development, ensemble work, a dramatic partner scene, and a comic monologue. **Prerequisite of Drama I is required.**

Drama II Tech

723

½ credit

9, 10, 11, 12

1 semester

This course is for any student who has taken Drama I and who has an interest in technical theatre. Students will practice skills in both traditional classroom and workshop environments. Skills developed focus on more advanced technical theatre training including constructing and painting set pieces, designing and operating stage lights, learning the functions of sound equipment, applying stage makeup, and basic costuming. Students will assist on a stage or technical crew for the fall musical or spring play. **Prerequisite of Drama I is required.**

Theatre Workshop I – Mother McAuley & Brother Rice

728

1 credit

10, 11, 12

2 semesters

Theatre Workshop I is a full year course for serious actors and theatre technicians. A group of common skills will be taught to all students, while other creative performance projects will be differentiated according to student focus. Those students who declare an acting concentration will focus on the body and voice, and how they are used to build and portray character. Those who declare a technical concentration will focus on the elements of design, and play production. Students will participate in a variety of performance opportunities in and out of the classroom. Collaborative scene projects will give students the opportunity to bring elements of acting and design together on stage. All students will have a role on or off stage in the Spring Play and One Act Festival. Outside rehearsal and performances are required. **Prerequisite of Drama II Acting OR Drama II Tech is required.**

Theatre Workshop II Honors – Mother McAuley & Brother Rice

739

1 credit

11, 12

2 semesters

Theatre Workshop II is an honors level course for serious actors and technicians. Students will create a dramatization for an all-school performance, analyze scripts for subtext, objective, and relationship, and learn the basic elements of blocking. All students will play a role on or off the stage in the Spring Play. Outside rehearsals and performances are required. Students will continue to read and analyze major works. Students will direct a One Act play, bringing a work from concept through planning, rehearsal, to production. **Prerequisite of Theatre Workshop I is required.**



Science

*Science is a four-year requirement at Mother McAuley. The goal of the Science department is to help students understand the practical applications that science has in our world. Science classes stress the importance of critical thinking and logical reasoning and use a variety of methods for investigation, including but not limited to observation, comparison, experimentation, and mathematical manipulation. **If you have any questions about the Science curriculum, please contact acting department chair Ms. Sandra Smycz at ssmycz@mothermcauley.org.***

Robotics and Computer Applications

10, 11, 12

422

1 credit

2 semesters

This project-based course explores concepts used in computer-based and robotics-based engineering. The engineering process is applied to build various robot configurations to accomplish challenges involving robot peripherals, with programming using a text-based language. Students may participate in outside competitions against other high schools with their robot. Completion of Science 420, 497 or 431 is required.

Intro to Coding

9, 10, 11, 12

430

½ credit

1 semester

The class is aimed at exposing students to the world of computer coding. Introduction to Coding is intended for students with no previous background, and teaches how to code in a fun and accessible way. The students will start by using drag and drop programming to complete simple tasks and progress to text based programming C++, HTML and CSS. The course equips students with the programming fundamentals to learn any programming language. Emphasis is placed on problem solving and critical thinking skills required to properly code, skills that will benefit students in all of their future endeavors. Students will demonstrate their understanding by turning in assignments requiring them to create their own code to perform a required task.

Mobile App Creation

9, 10, 11, 12

429

½ credit

1 semester

Students will be introduced to the world of app creation for mobile devices. Emphasis is placed on working in a collaborative environment similar to that of a professional app developer. Each unit will introduce students to a specific topic or skill that will be used to modify or redesign an existing app. At the conclusion, students will apply what was learned to create their own working app.

Computer Science Essentials (Project Lead the Way)

9, 10, 11, 12

497

1 credit

2 semesters

With emphasis on computational thinking and collaboration, this yearlong course provides an excellent entry point for students into Computer Science. Students will work independently and collaboratively to learn the language of coding (Python), apply this language to create their own app, develop a website, program a self-driving car, and learn how to make computers work to put their designs into practice. They will apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address real-life topics and problems important to them.

Advanced Placement Computer Science Principles (Amazon Future Engineer Course)

10, 11, 12

431

1 credit

2 semesters

AP Exam Fee Required

This year-long course is designed to be the equivalent to the first semester of Introductory Computer Science in college and follows the College Board AP curriculum. The focus of the course is using technology and programming as a means to solve problems. Student discovery and creativity are central to the course. Independent and collaborative work is stressed as students work to create digital artifacts similar to the process invoked by artists, writers, computer scientists and engineers. Several computer languages will be used during the course including Python, HTML and Scratch. Students are required to take the Advanced Placement Exam in Computer Science Principles at the end of the course. This class is open to all junior and senior students or students that have completed Computer Science Essentials with a grade of C or better or sophomore students with a teacher recommendation. CS Essentials is highly recommended for all students.

Biology Honors

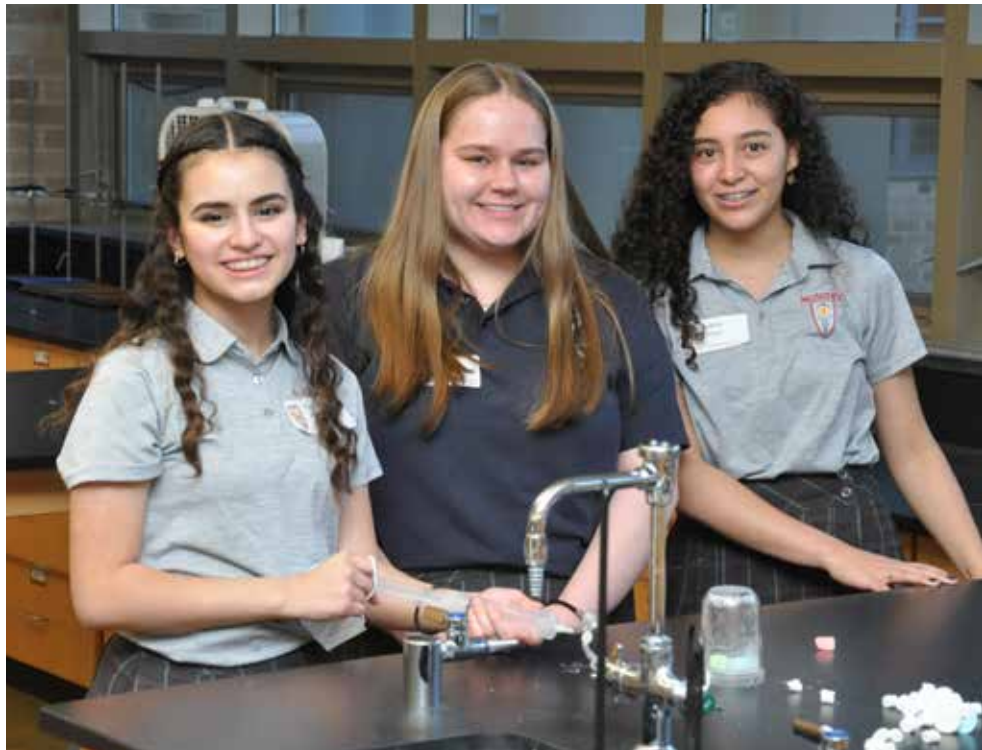
9

480

1 credit

2 semesters

This laboratory course covers in-depth fundamental biological concepts. Topics covered include cellular structure and function, biochemistry, theories of evolution, genetics, ecology and the structure and function of singular and multicellular organisms (including humans). Skills in analytical and critical thinking are emphasized through inquiry based activities. Students are expected to be more independent learners.



Biology Advanced

9

485

1 credit

2 semesters

The biology curriculum is designed around phenomena-driven learning and teaching. It involves three dimensional learning using the engineering principles of disciplinary core ideas, cross cutting concepts, and science practice. The expectations are performance driven across the four Illinois State science standards. Skills in analytical and critical thinking are emphasized through inquiry-based activities.

Biology

9

490

1 credit

2 semesters

The biology curriculum is designed around phenomena-driven learning and teaching. It involves three dimensional learning using the engineering principles of disciplinary core ideas, cross cutting concepts, and science practice. The expectations are performance driven across the four Illinois State science standards. Emphasis is placed on developing study and analytical skills.

Chemistry Honors

10

413

1 credit

2 semesters

The content for this laboratory course emphasizes the structure and interactions of matter. Topics covered include atomic structure, periodic table, chemical nomenclature, chemical reactions, stoichiometry, states of matter, gas laws, acids and bases and thermo-chemistry. Emphasis is placed on problem-solving, recognizing patterns and mathematical relationships, cause and effect as well as the development of laboratory skills through inquiry based activities. Students are expected to be more independent learners. **A grade of “C” or better in Biology Honors and Algebra Honors is recommended for this course.**

Chemistry Advanced

10

404

1 credit

2 semesters

The content for this laboratory course emphasizes the structure and interactions of matter. Topics covered include atomic structure, periodic table, chemical nomenclature, chemical reactions, stoichiometry, states of matter, gas laws, and acids and bases. Skills in analytical and critical thinking are emphasized through inquiry based activities.

A grade of “C” or better in Biology 485 or a teacher recommendation is recommended for this course.

Chemistry

10

414

1 credit

2 semesters

This laboratory course teaches the concepts of chemistry and how it relates to the world around us through an integrated thematic approach. The content for this laboratory course emphasizes the structure and interactions of matter. Topics covered include atomic structure, periodic table, chemical nomenclature, chemical reactions, stoichiometry, states of matter, gas laws. Emphasis is on connecting chemical concepts to real world applications through projects and inquiry.

This course is for students who are in Bio 490.

Physics Honors

11

400

1 credit

2 semesters

This laboratory course covers the concepts of physical principles such as motion, energy, light, electricity, magnetism and waves. Emphasis is placed on mathematical problem solving, critical thinking and analytical skills. Completion of or concurrent enrollment in Pre-Calculus (303) or College Algebra/Trig (310) is highly recommended. **A grade of “C” or better in Chemistry Honors or a teacher recommendation is recommended for this course.**

Physics Advanced

11

405

1 credit

2 semesters

This laboratory course surveys the fundamental concepts of physics such as motion, forces, energy, light, electricity and waves. Emphasis is placed on development of problem-solving skills and the application of physics principles to everyday life. Completion of or concurrent enrollment in advance level of Advanced Algebra (309) is required. **A grade of “C” or better in Chemistry 404 or a teacher recommendation is recommended for this course.**

Physics

11

408

1 credit

2 semesters

This is an introductory, conceptual physics course. This laboratory course is a survey of fundamental topics in physics, using strong emphasis on concepts and reasoning, and the mathematical tool of algebra. This course covers the topics of motion, forces, energy, light, electricity and waves. Real world application of physics concepts is stressed. **This course is for students who are in Chemistry 414.**

Advanced Physiology Honors

12

407

1 credit

2 semesters

This laboratory course focuses on the dependent relationship between the structure and function of the human body. Emphasis is placed on the etiology of diseases in relation to the body and its systems. This class covers anatomical and physiological terminology, cells, tissues, membranes, and the eleven organ systems that make up the human body. Full participation in all labs is required and may include live viewing of medical procedures as well as simulated and/or live dissections. Recommended for students who wish to pursue a health science career. **Completion or concurrent enrollment in Physics 400 or teacher recommendation is required.**



Anatomy and Physiology

12

401

1 credit

2 semesters

This laboratory course is designed to introduce students to the inner workings of the human body. Students will learn to properly use anatomical and physiological terminology while describing and exploring the eleven organ systems of the human body. Full participation in all labs is required and may include live viewing of medical procedures as well as simulated and/or live dissections. Recommended for students who wish to pursue a career in health science.

Completion or concurrent enrollment in Physics is required.

Environmental Science

12

432

1 credit

2 semesters

This introductory course focuses on the interrelationship between humans and the environment. Topics covered include Earth's spheres, climate change, ecosystem and population dynamics, and the role humans play in managing natural resources. **Completion or concurrent enrollment in Physics required.**

Engineering Principles

11, 12

433

1 credit

2 semesters

This project-based course explores concepts used in various engineering fields including mechanical, electrical, aerospace, civil, and sustainable engineering. The engineering process is applied to a project either in simulations or actual builds of prototypes. Subjects studied prepare students for post-secondary engineering courses. Speakers and field trips provide additional authentic experiences. **Completion or concurrent enrollment in Math 302 or 309 required, and completion of Science 404 with a "C" or better required.**

Advanced Placement Biology

11, 12

418

2 credits

2 semesters

Saint Xavier University (*College Credit is available. See page 6 of this Curriculum Guide.*)

AP Exam Fee Required

The Advanced Placement Biology course is designed to be the equivalent of a college level introductory biology course. Extensive laboratory work is an integral part of this course. Students are required to take the Advanced Placement Exam in Biology at the end of the course. **Successful completion of Honors Biology is required or teacher recommendation.**

At the successful completion of this course, students will receive ONE credit in Science and ONE general elective credit.

Advanced Placement Chemistry

11, 12

415

2 credits

2 semesters

AP Exam Fee Required

The Advanced Placement Chemistry course is designed to be the equivalent of a general chemistry course usually taken during the first college year. Extensive laboratory work is an integral part of this course. Students are required to take the Advanced Placement Chemistry Exam at the end of the course. **Successful completion of Honors Chemistry is required or teacher recommendation. At the successful completion of this course, students will receive ONE credit in Science and ONE general elective credit.**

Advanced Placement Physics C - Mechanics

12

412

1 credit

2 semesters

AP Exam Fee Required

This Advanced Placement Physics C course is designed to be the equivalent of a calculus-based physics course in mechanics usually taken during the first college year. Extensive laboratory work is an integral part of this course. Topics include motion, forces, energy, momentum, rotational mechanics, gravitation and simple harmonic motion. Students are required to take the Advanced Placement Physics C - Mechanics exam at the end of the course. Completion of or concurrent enrollment in Calculus or AP Calculus is required. A grade of "A" or "B" in Physics Honors is required.

Advanced Placement Physics I

12

417

1 credit

2 semesters

AP Exam Fee Required

This course is designed to be a first year physics course. It covers material that is equivalent to a first semester introductory physics course at a college level. Content will include motion, forces, energy, momentum, rotational mechanics, gravitation, and simple harmonic motion. Laboratory experiments, problem solving, and written explanations of physics concepts are emphasized in all units studied. The pace of this course is accelerated and the material is in greater depth, with more mathematical computation than in Physics Honors. Students are required to take the Advanced Placement Exam in Physics I at the end of the course. Completion of AP Biology or AP Chemistry as a Junior is required.



Social Science

*The Social Science department works with various disciplines, including World and United States History, as well as several sophomore, junior, and senior Social Science electives. Course content engages students to think critically, communicate effectively, and make personal and civil decisions on information from multiple perspectives. The Social Science department encourages all levels of students to learn about our global community. Mother McAuley students have a 3 year requirement in the Social Sciences. All students must take World History and US History and must pass the US Constitution test in order to graduate. **If you have any questions about the Social Science curriculum, please contact department chair Mrs. Rita Fox at rfox@mothermcauley.org.***

Advanced Placement Human Geography

9, 10

245

1 credit

2 semesters

AP Exam Fee Required

AP Human Geography exposes students to college-level introductory human and cultural geography concepts. In this yearlong freshman/sophomore course the content is presented thematically rather than regionally and is organized around these main subtopics: economic geography, cultural geography, political geography, and urban geography. The goal of this course is for students to become more engaged in contemporary global issues and more informed about multicultural viewpoints. This course is designed to develop the skills of analysis and critical thinking in order to prepare the students for success in other AP courses, college and the 21st century. Students are required to take the Advanced Placement Exam in Human Geography at the end of the course.

Advanced Placement World History

10

228

1 credit

2 semesters

AP Exam Fee Required

AP World History is a challenging year-long course that is structured around the investigation of five course themes and nineteen key concepts in six different chronological periods. Using primary and secondary sources, AP World History students track historical change and continuity over the six time periods, paying attention to unifying course themes and accompanying learning objectives. This course is designed to develop the skills of analysis and critical thinking in order to prepare the students for success in other AP courses, college and the twenty-first century. Students are required to take the Advanced Placement Exam in World History at the end of the course.



World History Honors

10

213

1 credit

2 semesters

World History Honors examines the history and cultural achievements of people from ancient times to the 20th century. Students examine and analyze political, social, economic, artistic, and scientific developments that highlight both western and non-western civilization. Historical reading, primary source reading, understanding of cause and effect, as well as research are activities incorporated into this course.

World History Advanced

10

214

1 credit

2 semesters

World History examines the history and cultural achievements of people from ancient times to the 20th century. Students will understand political, social, economic, artistic, and scientific developments that highlight both western and non-western civilization. The development of the key skills of critical reading, writing and map analysis will be emphasized.

World History

10

215

1 credit

2 semesters

This course is designed to provide students with an understanding of World History as they study geography, politics, economics, and the development of societies. Students will understand and explore the formation of World cultures from Ancient Greece through the 20th century. Students will comprehend the key skills of critical reading, writing and map analysis will be emphasized.

Advanced Placement United States History

11

208

1 credit

2 semesters

AP Exam Fee Required

The AP US History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. Students learn to assess historical materials – their relevance to given interpretive problem, reliability and importance – and to weigh the evidence and interpretations presented in historical scholarship. AP U.S. History develops the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly in an essay format. Students in AP U.S. History are also required to study the United States and Illinois Constitutions. Students are required to take the Advanced Placement Exam in United States History at the end of the course.

U.S. History Honors

11

209

1 credit

2 semesters

US History Honors is a fast-paced in-depth study of United States history. Students investigate political, economic, social and cultural developments relevant to United States history. This course follows a traditional survey approach to the study of history. Students enrolled in this course are required to take and pass the United States and Illinois Constitution tests as a graduation requirement.

U.S. History Advanced

11

212

1 credit

2 semesters

This course provides students with the opportunity to investigate the political, social, economic and cultural development of America from the age of discovery to the present. Students enrolled in this course are required to take and pass the United States and Illinois Constitution Tests as a graduation requirement.

Advanced Placement U.S. Government and Politics

12

226

1 credit

2 semesters

AP Exam Fee Required

This course provides students with an analytical perspective on government and politics in America. This course includes both the study of general concepts used to interpret U.S. Government and politics and analysis of specific examples. In preparation for the AP exam, students will examine these topics: Constitutional Underpinnings of U.S. Government; Political Beliefs and Behaviors; Political Parties, Interest Groups, Mass Media; Institutions of National Government; Public Policy, and Civil Rights and Liberties. Students are required to take the Advanced Placement Exam in U.S. Government and Politics at the end of the course.

Advanced Economics

11, 12

250

½ credit

1 semester

This one-semester course is designed to develop an objective, rational way of thinking about economic problems. The principle aim of this course is to develop the students "economic way of thinking". Emphasis is placed on the economy of the United States, both domestic and international economic issues are studied. Understanding supply and demand, as well as the concept of economic scarcity are the first tools towards understanding what these changes are and how they affect economic choices and decisions of individuals, businesses, and government. Additional topics include the principles of investing, the budget deficit, capitalism, and the economics of current social problems, unemployment, fiscal and monetary policy and how the economy relates to the student in today's world.

Developmental Psychology Honors (McAuley Little School)

12

253

2 credits

2 semesters

Personal Interview

This course focuses on the study of theories of development that include the physical, psychosocial, cognitive and moral development of the individual from infancy through childhood. Application of these theories as they relate to the child's formal and informal school experiences is examined. Instructional methods include activity/ learning centers, individualization, and media and their utilization in extending the child's understanding of art, music, literature and reading instruction. Prerequisites are a minimum of a 3.0 cumulative GPA, completion of the application, interview, dean signature and review of attendance and disciplinary records. Students in this class will instruct grammar school students from Kindergarten through third grade. This is an experiential learning opportunity, with students traveling to area grammar schools. **At the successful completion of this course, students will receive ONE credit in Social Science and ONE general elective credit.**

Psychology Advanced

11, 12

251

½ credit

1 semester

This course is designed to stimulate interest in and expand knowledge of the field of psychology. The work “psychology” is derived from two terms –ology meaning “study” and psyche meaning “mind.” In the “study of the mind,” students examine various psychological phenomena from bio-behavioral and socio-behavioral perspectives. Current issues in psychology such as intelligence, development, perception, learning, abnormal behavior, language, and social behavior will be explored. This course requires both independent and interactive participation through group discussion, project-based activities, and individual assessments.

Sociology Advanced

11, 12

252

½ credit

1 semester

In order to prepare students to be global citizens, it is important to emphasize the ways in which the social world has been constructed. Why are people categorized into races, genders, and classes? How are these classifications created and maintained? What are the consequences of these labels for society and individuals? At the core of this course is the analysis of the causes and consequences of social change through a sociological framework. The course will challenge students to critically examine the world around them. Topics include the evolution and social construction of race, the economic and political structures that support class divisions in American society, and the evolution of gender roles in our society.

American Criminal Justice Advanced

11, 12

248

½ credit

1 semester

In this one semester course, students will be introduced to the historical and philosophical foundations of the American legal system. Students will study the Constitutional basis of our justice system and examine both criminal and civil law. They will study how laws reflect the values of society at different periods in time and examine how justice is administered (i.e. the prison system). Students will analyze important court decisions and make use of case studies as they learn these fundamental concepts of the justice system. As a result of taking this course, students will develop a deeper understanding of and appreciation for this complex and vital part of our nation's government.



Advanced Placement Psychology

12

206

1 credit

2 semesters

AP Exam Fee Required

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

Personal Finance (Financial Literacy)

10, 11, 12

604

½ credit

1 semester

This blended learning (classroom and online work) course provides students with the foundations and financial skills in money management. Students will explore real life financial scenarios such as buying a car, filling out the FAFSA form, understanding pay stubs, filing taxes, credit scores, types of insurance, consumer protection, budgeting, interest rates and investing. **This is a graduation requirement.**

Entrepreneurship Studies

10, 11, 12

254

½ credit

1 semester

Entrepreneurship Studies leads students through the finer nuances of the American business model with a focus on the creation of a free-standing business. Students will actively engage in an in-depth exploration of the entrepreneurship process and will develop their problem-solving, oral and written communication, creative and leadership skills as they move their idea from inception to a comprehensive business plan; to that end, students will be lead through ideation, market research, and business plan development processes, as well as the evaluation of accounting, management, economic and ethical issues unique to the operation of a business. Students also will work collaboratively with the school's art department to create visual elements of business implementation, including branding and product placement (e.g., websites, apps). In addition, they will engage in market research (designing surveys and interpreting data) and the development of financial projections to determine the feasibility of their business proposal. Student written and oral communication skills will be refined as they pitch their business plan to members of the Chicago business community. **This class fulfills part of the 4.5 elective requirement for graduation.**

Business Technology / Digital Marketing

10, 11, 12

603

½ credit

1 semester

This course is for students who are interested in expanding and refining their basic computer skills with a focus on business communications and marketing. Students will learn Google Sheets, create spreadsheets and budgets, create databases, charts, graphs, and tables, create Google Docs, websites and social media posts. IOS-based apps will be used to produce individual and group projects focused on business-related topics. This course is a hands-on, project-based course that will provide a basis for future study in business. **This class fulfills part of the 4.5 elective requirement for graduation.**

Theology

Students are required to take four years of Theology at Mother McAuley. The objective of the Theology curriculum is to help nurture the faith life of each student, while enhancing their knowledge of basic tenets of their faith and raising awareness of religions and cultures outside of their own. The Theology Department's goal is that the students leave McAuley having grown in their knowledge of their faith, have personally strengthened their own faith, and that they walk away from McAuley equipped with tools to practice moral decision making and be positive and contributing members of society.

If you have any questions about the Theology curriculum, please contact department chair Mrs. Amanda Sullivan at asullivan@mothermcauley.org.

Theology I

9

010

1 credit

2 semesters

Theology I invites students to grow in their relationship with God through a deeper understanding of the central beliefs and practices of the Catholic faith. The foundation of the course is the study of Jesus the Messiah, the Paschal Mystery, sacraments and the liturgical life of the Church. Additionally, students explore the impact of cultural influences on personal development and moral decision-making. Other areas of study include: the dignity and worth of all human life, the sacredness of human sexuality, the value of chastity and abstinence, and the importance of healthy self-esteem and strong personal values. Theology I is rooted in the Mercy tradition and incorporates doctrinal elements from the High School Curriculum Framework of the United States Conference of Catholic Bishops.

Retreat: Required one-day reflection on a theme determined by the Peer Ministers.

Service: Minimum of 15 hours required.

Prayer: Participation in classroom and school liturgies.



Theology II

10

020

1 credit

2 semesters

Theology II invites students to grow in their relationship with God through an in-depth exploration of the Hebrew and Christian Scriptures. The focus of the first semester is the Hebrew Scriptures with an emphasis on creation, covenant, freedom, suffering, kingdom, prophecy and hope. Jesus in the Gospels is the primary focus of the second semester. The course surveys the social and cultural backgrounds of the Scriptures, as well as significant persons, events and major teachings. Students reflect on and integrate the universal truths and relevant teachings that emerge from the Scriptures and work to apply those to their own spiritual and personal lives. Theology II is rooted in the Mercy tradition and incorporates doctrinal elements from the High School Curriculum Framework of the United States Conference of Catholic Bishops.

Retreat: Required one-day of reflection on a theme determined by the Peer Ministers.

Service: Minimum of 15 hours required.

Prayer: Participation in classroom and school liturgies.

Theology III

11

030

1 credit

2 semesters

Theology III invites students to grow in their relationship with God through a study of the historical development and Social Teaching of the Catholic Church. Students become familiar with pivotal moments, key teachings and exemplars of faith throughout the course of Church history. Furthermore, students examine a variety of social concerns, as well as the universal call to peaceful / non-violent living in the 21st century. Through a deeper understanding of Church History and Catholic Social Teaching, students gain a greater awareness of the call to transformation and holiness and acquire the knowledge and skills to demonstrate peaceful responses to these issues. Theology III is rooted in the Mercy tradition and incorporates doctrinal elements from the High School Curriculum Framework of the United States Conference of Catholic Bishops. Retreat: Required one-day of service and reflection.

Service: Minimum of 15 hours required.

Prayer: Participation in classroom and school liturgies.

Theology IV / Living Faith

12

040

1 credit

2 semesters

Theology IV / Living Faith serves as a culmination of Catholic religious education at Mother McAuley Liberal Arts High School. Students are invited to grow in their relationship with God through a synthesis of theological inquiry, lived experience and practical application. In Living Faith, students will specifically reflect on the way God is revealed in both the ordinary and extraordinary experiences of life. Students are invited to explore ultimate questions and challenges of our time through the lens of faith and the unique expression of being a woman in the world today. Senior students will study the religions of the world in order to note how the ultimate questions are explored in different cultures. They are invited to deepen their understanding of their interconnectedness to the global community, ultimately realizing their potential to bring hope and healing to the world. Theology IV / Living Faith is rooted in the Mercy tradition and incorporates doctrinal elements from the High School Curriculum Framework of the United States Conference of Catholic Bishops.

Retreat: Kairos (recommended)

Service: Minimum of 15 hours required.

Prayer: Participation in classroom and school liturgies.

Theology IV / Global Studies

12

041

1 credit

2 semesters

Theology IV / Global Studies serves as a culmination of Catholic religious education at Mother McAuley Liberal Arts High School. Students are invited to grow in their relationship with God through a synthesis of theological inquiry, lived experience and practical application. In Global Studies, students will specifically study the interrelatedness of global cultures, religions and the Christian faith. Steeped in the foundational elements of Catholic Theology students reflect upon the human quest to understand God, individual identity and morality. The formational and project-based experiences of the course enable students to develop a stronger sense of identity and spirituality that is reverent and globally informed. Theology IV / Global Studies is rooted in the Mercy tradition and incorporates doctrinal elements from the High School Curriculum Framework of the United States Conference of Catholic Bishops.

Retreat: Kairos (recommended)

Service: Minimum of 15 hours required.

Prayer: Participation in classroom and school liturgies.

Theology IV / Peer Ministry

12

043

1 credit

2 semesters

Theology IV / Peer Ministry serves as a culmination of Catholic religious education at Mother McAuley Liberal Arts High School. Students are invited to grow in their relationship with God through a synthesis of theological inquiry, lived experience and practical application. In Peer Ministry, students will specifically be given opportunities to grow in leadership and ministerial skills to serve the McAuley community, the Church and the world. Students will explore the idea of vocation as a universal call to holiness and discern how to use their unique gifts for the service of others. Hands-on experiences, including liturgical, retreat and service opportunities, are an integral part of the course. Theology IV / Peer Ministry is rooted in the Mercy tradition and incorporates doctrinal elements from the High School Curriculum Framework of the United States Conference of Catholic Bishops. Prerequisites are a minimum of a 2.5 cumulative GPA, teacher recommendation and review of attendance and disciplinary records.

Retreat: Kairos (recommended)

Service: Minimum of 15 hours required.

Prayer: Participation in classroom and school liturgies.



Visual Arts & Technology

Mother McAuley students have a 1 year Fine Arts requirement which can include classes in the Visual and Performing Arts. Additionally, students are required to take a semester of Art History prior to graduation. Preparation in the visual arts provides our young women with creative and critical problem-solving skills in addition to developing their own appreciation of art as a unique visual record of the diverse cultures of the world. The Visual Arts take a holistic orientation to education. Our curriculum is designed to challenge McAuley's young women to engage in the imagination, foster flexible ways of thinking creatively and critically, develop disciplined effort, build self-confidence, achieve technical skills for personal expression, and build portfolios for future study and career opportunities. **If you have any questions about the Visual Arts and Technology curriculum, please contact department chair Mrs. Kathy Gordon Davis at kgordondavis@mothermcualey.org.**

Art History

11, 12

742

½ credit

1 semester

This course introduces students to the fundamental skills, concepts, materials and processes of the visual arts. Students will engage with and explore a comprehensive range of art from diverse cultures, artistic traditions and styles. Throughout the course students will be introduced to 21st Century elements and principles of design, art careers as well as creative studio activities. The course includes opportunities for students to create, present, respond, and connect with and through art. The course is designed to promote visual literacy and teach students the many ways the arts are an integral part of human development. Learning historical and cultural context in which artworks were produced will enable students to develop a broad base for understanding cultural diversity and a variety of global points of view. Work on art production activities gives students the opportunity to create works of art using a variety of media.

This course is a graduation requirement.

Introduction to Drawing

9, 10, 11, 12

703

½ credit

1 semester

This course provides an introduction to basic drawing techniques, materials, composition skills and elements of design. Still life and portraiture are among the subject matters covered. **This is a required course for those interested in pursuing Introduction to Painting, Advanced Drawing and Advanced Painting, Illustration, Digital Illustration on the iPad, Studio Art Honors and Advanced Placement Art and Design.**

Introduction to Painting

9, 10, 11, 12

705

½ credit

1 semester

This course provides an introduction to basic painting media, techniques, color theory, composition skills and elements of design. Still life, landscape, portraiture and non-representational ideas are among the subject matter covered.

This is a required course for those interested in pursuing Advanced Painting, Studio Art Honors or Advanced Placement Art and Design. Introduction to Drawing 703 is a prerequisite.

NEW

Advanced Drawing

10, 11, 12

762

½ credit

1 semester

This course will provide students with the technical skills and time to create original finished drawings incorporating a broad range of subject matter and artistic media. Students will build onto technical skills learned at the introduction level, and focus on: experimentation, light and shade / rendering of form, mark making, exploring the illusion of depth well-designed visual compositions, and creative problem solving. **Introduction to Drawing is the prerequisite and this course is required for Studio Art Honors, or it can be taken by students interested in taking another Visual Arts elective, without pursuing Studio Art.**

NEW

Advanced Painting

10, 11, 12

761

½ credit

1 semester

This course will provide students with the technical skills and time to create original finished paintings incorporating a broad range of subject matter and paint media. Students will build onto technical skills learned at the introduction level, and focus on: experimentation, light and shade / rendering of form, mark making, exploring the illusion of depth well-designed visual compositions, and creative problem solving. **Introduction to Painting is the prerequisite and this course is required for Studio Art Honors, or it can be taken by students interested in taking another Visual Arts elective, without pursuing Studio Art.**

Ceramics

9, 10, 11, 12

706

½ credit

1 semester

This course explores the nature of clay. It involves the discussion of ceramic terms, the preparation of clay, demonstration of various hand building techniques, sculptural composition, and glazing techniques. Special requirements include outside research and additional time for assignments and preparation of clay. One extra period a week is required outside of regular class time. **This is a required course for those interested in pursuing sculpture, ceramic sculpture and wheel throwing.**

Sculpture

9, 10, 11, 12

707

½ credit

1 semester

This course builds upon previously learned skills and techniques. It is designed to allow the student to explore the methods of creating 3-dimensional art. It includes working with paper / paper maché, plaster, wire and other sculpting media to create non-representational, as well as representational works of art. **Ceramics 706 is a prerequisite.**

Clay Sculpture and Wheel Throwing

9, 10, 11, 12

745

½ credit

1 semesters

The clay sculpture and wheel throwing course will review and strengthen student use of the elements and principles of 3-D design. Students will create unique finished clay sculpture using slab and other hand-building techniques as well as learning the fundamentals of creating cylinders, cups, plates, bowls and other serving vessels on the potter's wheels. **Ceramics 706 is a prerequisite.**



Art and Emerging Technology

9, 10, 11, 12

709

½ credit

1 semester

This course is open to freshman, sophomore, junior and senior students. It is an elective course in which students would receive one-half credit for Fine Art. Art and Emerging Technology will provide students with a variety of creative applications of contemporary technologies including web design, graphic imaging, and animation - utilizing Adobe Creative Cloud software. Students will be able to transfer and apply these skills for further exploration in high school, college preparation and or work-related career paths. Final Assessment will include a digital portfolio. **This course is a prerequisite for Web Page Design, Graphic Design I, Graphic Design II, and Digital Animation.**

NEW

Graphic Design I

10, 11, 12

760

½ credit

1 semester

Graphic Design is art that combines images, words, and ideas to communicate messages to an audience. It is used in advertising products. This course begins with an introduction to the basic concepts of 2-D design. Students will explore visual communication concepts and design principles through creative problem solving and development of technical skills. **Art and Emerging Technology 709 is required.**

NEW

Graphic Design II

10, 11, 12

759

½ credit

1 semester

Graphic Design II will focus on typography and images using advanced tools in InDesign, Illustrator and Photoshop. Students will design and collaborate on a product branding campaign. **Graphic Design I 760, and Art and Emerging Technology 709 is required.**

Digital Animation

10, 11, 12

766

½ credit

1 semester

Digital Animation will provide students with creative problem solving and professional discipline in the world of visual communication, gaming and technology. It will introduce students to the creative field of digital animation. Through the use of cutting edge software (Adobe Animate and Adobe After Effects), students will learn how to produce their own unique multimedia animation productions to be used in Web applications, digital portfolio artifacts or to stand on their own as works of art. Students will incorporate music and sound effects in their animation productions along with hand drawings, scanned images and text. The fundamentals of animation, such as storyboarding, timing, exaggeration and staging will be emphasized. **Art and Emerging Technology 709 is a prerequisite.**

Web Page Layout and Design

10, 11, 12

747

½ credit

1 semester

Create your own portfolio or small business website without learning code. Students will create single web page sites while learning the skills of layout and design using various software from Adobe Creative Cloud. Additionally students will create photos, graphics, and animations properly for use on the internet, web and print. They will learn website publishing and marketing tips and tricks. **Art and Emerging Technology 709 is a prerequisite. Graphic Design is also recommended but not required.**

Illustration

700

½ credit

10, 11, 12

1 semester

This course is designed for students interested in visual communications and marketing careers. Students will build visual/creative problem solving skills and get an overview of the illustration industry with a focus on fundamental elements and principles of visual art and design. Subjects to be explored include: scientific, book, editorial and fashion illustration. Students will become proficient in the use of a variety of illustration media including: marker rendering, colored pencil, pen and ink and watercolor. This would be an excellent course to pair up with Digital Illustration.

Introduction to Drawing 703 is a prerequisite for illustration. Illustration is strongly recommended for students interested in pursuing Advanced Placement Art and Design 2-D Portfolio.

Digital Illustration on the iPad

756

½ credit

10, 11, 12

1 semester

This course is an exploration of visual problem solving and effective communication. Students will experiment with various iPad apps, develop creative solutions, manipulate images, communicate content and refine drawing skills using the iPad Pro and Apple Pencil. Visual solutions will emphasize appropriate and inventive application of formal elements and design principles learned in intro to drawing. **Introduction to Drawing 703 is a prerequisite. This course is recommended for students interested in pursuing Advanced Placement Art and Design 2-D Portfolio. Apple Pencil required.**

Technical Drawing and CAD (Computer Aided Design)

755

1 credit

11, 12

2 semesters

This course meets in McAuley's B-Wing

This course will provide students an introduction to concepts, tools and language in the areas of technical drawing and computer-aided design, in order to understand how engineers, architects, and product-designers problem solve and develop creative ideas from inception to production.



Journalism I - Yearbook and Newspaper

10, 11, 12

115

1 credit: ½ English, ½ Art

2 semesters

Journalism is an interdisciplinary, Art/English elective course in which students spend one semester learning the basics of journalism and one semester learning photo journalism, design and layout. Students will learn how to research information, and write and edit stories in AP style. In addition, students will learn InDesign, Photoshop and eDesign software. The specific content of the class can be found in the description for class Journalism II 117. Honors level English must be taken concurrently. **This is a required course for those students interested in writing and designing both the school newspaper and yearbook in Journalism II Honors.**

Journalism II Honors - Yearbook and Newspaper

11, 12

117

1 credit: ½ English, ½ Art

2 semesters

This is a team-taught, interdisciplinary, project-based course in which students will collaborate, write news, editorials and feature. They will also learn and adapt creative approaches to advertise, edit, design and lay out the school newspaper and yearbook. Journalism Honors students will:

- select and develop appropriate themes for “In-School” publications through peer collaboration
- recognize and demonstrate the elements of a newspaper/yearbook layout
- apply photo journalistic techniques
- create interesting compositional layout designs
- operate ‘Photoshop’, ‘In Design’ and eDesign software
- produce layouts and copy to meet publication deadlines
- develop and plan a public relations event to support overall sales of the yearbook

As an honors level class, students are expected to adhere to a rigorous schedule that has specific deadlines determined by publishers. Expectations for these deadlines require strong organizational skills, the ability to communicate well with others and responsible decision making. AP, Honors and Advanced level English must be taken concurrently. **This class may be taken more than once.**

Studio Art Honors

11, 12

743

1 credit

2 semesters

Portfolio Submission

This course explores critical thinking / creative problem-solving through various fine art media and techniques, including drawing, painting, printmaking, and collage. This course requires independent work in sketchbook/journal and long-term assignments. Introduction to Drawing, Introduction to Painting, Advanced Drawing and Advanced Painting are prerequisites. This course is targeted for students who are serious about pursuing art in college and/or as a career choice. **Studio Art Honors is strongly recommended for Advanced Placement Art and Design.**

Photography I

11, 12

710

½ credit

1 semester

This course provides students with a technical foundation in black and white film photography. Black and white skills include: how to operate a 35 mm film camera, and the processing of film and prints in a well-equipped darkroom. It is helpful if you have access to a manually adjustable 35mm camera.

Photography II

11, 12

711

½ credit

1 semester

This course builds on the concepts and techniques introduced in Photography I. The focus of this course is to experience photography as an expressive medium learning alternative techniques and creative processes with film and digital manipulation. Students will be introduced to the creative functions of a digital 35mm, SLB camera, iPhone and iPad, in addition to experimentation with Adobe Creative Cloud programs: Lightroom and Photoshop. **Photography I 710 is a prerequisite.**

Advanced Placement Art History

11, 12

701

1 credit

2 semesters

AP Exam Fee Required

This course provides students with an opportunity to examine and critically analyze major historical periods of art. Students examine major forms of artistic expression from the past and present from a variety of cultures. AP Art History emphasizes understanding how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of art. Fulfills the Art History requirement. Students are required to take the Advanced Placement Exam in Art History at the end of our course.

Advanced Placement Art and Design

11, 12

758

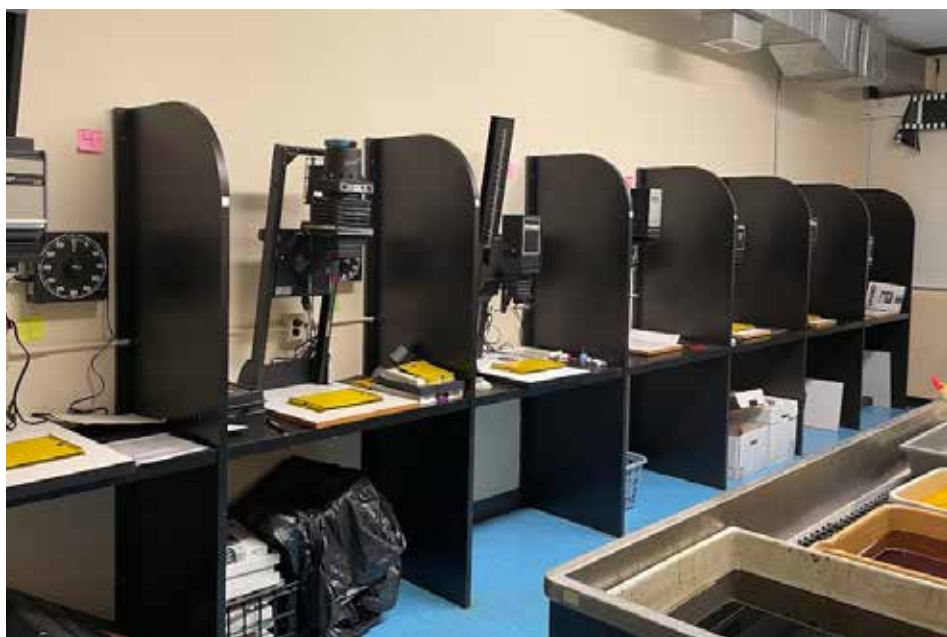
1 credit

2 semesters

AP Exam Fee Required

Portfolio Submission

This course is for highly motivated junior or senior art students who intend to pursue art on the post-secondary level and beyond. The AP Art and Design student will develop and apply skills of inquiry and investigation, practice, experimentation, revision, communication, and reflection. Art and Design is not based on a written examination; instead the student submits a portfolio for evaluation at the end of the school year. The AP portfolio contains two sections. 1) Sustained Investigation made up of art creation through practice, experimentation, and revision and the 2) Selected Works section demonstrating skillful synthesis of art materials, processes, and ideas. **Introduction to Drawing, 703, Introduction to Painting 705, and Advanced Drawing and Advanced Painting are prerequisites. Studio Art Honors 704 is strongly recommended.** Students are required to submit an Advanced Placement portfolio at the end of the course.



World Languages

*Mother McAuley students have a 2 year requirement in World Languages. In keeping with the mission of Mother McAuley High School to communicate effectively and to appreciate the diversity of the global community, the World Languages Department strives to develop linguistic and cultural competence in our students so that they are able to participate in our increasingly interconnected world. **If you have any questions about the World Languages curriculum, please contact department chair Mrs. Roz Sunquist at rsunquist@mothermcauley.org.***

French I Honors

9, 11

515

1 credit

2 semesters

The first year language program introduces students to a new language and culture through a digital learning platform. Emphasis is placed on developing communication skills rapidly with grammar, reading, and writing activities designed to build proficiency. **Juniors will not receive Honors credit for this course.**

French I Advanced

9, 11

516

1 credit

2 semesters

The first year language program introduces students to a new language and culture through a digital learning platform. Emphasis is placed on communication with grammar exercises designed to build proficiency, as well as reading and writing activities appropriate to the level.

French II Honors

10, 12

510

1 credit

2 semesters

The second year honors course continues to build proficiency skills more rapidly through a digital learning platform. The student continues to rapidly develop skills in communicative competence with listening, speaking, reading, and writing exercises appropriate to the Honors level. **Seniors will not receive Honors credit for this course.**

French II Advanced

10, 12

511

1 credit

2 semesters

The second year course continues to build proficiency in the language through a digital learning platform. The student continues to develop communicative competence with speaking, listening, reading, and writing exercises appropriate to the level.

French III Honors

11

505

1 credit

2 semesters

The third year Honors course emphasizes the three modes of communication: interpersonal, presentational, and interpretive with a digital learning platform designed for pre-Advanced Placement study. The student is introduced to the six core themes proposed by the College Board. **Prerequisite: Enrollment is limited to those students who have completed two years of study in the Honors program.**

French III Advanced

11

506

1 credit

2 semesters

The third year program emphasizes the three modes of communication: interpersonal, presentational, and interpretive with a digital learning platform. The student reinforces and expands her skills in vocabulary and grammar.

Advanced Placement French

12

500

1 credit

2 semesters

AP Exam Fee Required

This course offers the highly motivated student the opportunity to develop all skills for communication using authentic materials in preparation for the AP Exam in May. The course content reflects a variety of academic and cultural topics that align with the AP French themes identified by the College Board. Authentic resources include audio, DVD, films, newspapers, magazine articles, and French television. Enrollment is limited to those students who have completed three years of study in the Honors French program. Students are required to take the Advanced Placement Exam in French at the end of the course. **Placement is based on recommendation by the Language III Honors teacher.**

French IV Advanced

12

501

1 credit

2 semesters

This course has a dual focus. It introduces the student to French literary expression and advances the student's use of the language by providing a variety of culturally relevant materials to stimulate oral and written discussion. Skills are reinforced by a review of grammar.

Spanish I Honors

9, 11

535

1 credit

2 semesters

This course is designed to introduce students to the language with emphasis on listening, speaking, writing and reading. The study of grammar is also initiated at this level. These students will progress rapidly and develop competence in the skills and structure of the language through a communicative approach. **Juniors will not receive Honors credit for this course.**



Spanish I Advanced

9, 11

536

1 credit

2 semesters

This first year program is designed to introduce students to the culture and the language through a communicative approach. Emphasis is placed on listening, speaking, writing, reading and grammar.

Spanish I

9, 11

538

1 credit

2 semesters

In this course, a specialized approach is used to introduce the students to the Spanish language and culture. Students will begin developing confidence in the skills of listening, speaking, writing, reading and grammar.

Spanish II Honors

10, 12

530

1 credit

2 semesters

The second year honors program emphasizes competence in the use of the language. Stress is placed on the development of oral skills, progress in reading, writing and listening. **Seniors will not receive Honors credit for this course.**

Spanish II Advanced

10, 12

531

1 credit

2 semesters

The second year program is designed to develop competence in the language. Grammar is emphasized so that students can begin to master the skills and structure of the language.

Spanish II

10, 12

533

1 credit

2 semesters

This course is a continuation of the specialized approach to second language learning. Students will continue to develop the skills of listening, speaking, reading, writing, and grammar in their study of the Spanish language and culture.

Spanish III Honors

11

525

1 credit

2 semesters

This course begins with a review of the grammar structures taught at the introductory levels. Conducted almost entirely in Spanish, the course gives students an intensive study of grammar structures that are necessary for successful development of essential skills. Writing assignments reinforce students' command of more complex grammar structures. The literary component of this course is an introduction to the reading comprehension process and provides topics for oral discussion and exposure to the culture of Spain. Varied listening comprehension activities also provide opportunity for cultural exposure. **Prerequisite: Enrollment is limited to those students who have completed two years of study in the Honors program.**

Spanish III Advanced

11

526

1 credit

2 semesters

This course offers students the opportunity to master basic grammatical skills and to improve oral expression directly through conversation and composition exercises. Selected readings and short stories, not only provide insights into the history, culture and lifestyle of the Spanish people with an emphasis on Latin America, but also develop the skills of reading and writing.

Spanish III 11
 527
 1 credit 2 semesters

This course focuses on a beginning approach to literature in Spain and Latin America. Grammar, composition and conversation skills are strengthened and reinforced throughout the year.

Advanced Placement Spanish 12
 519
 1 credit
 Saint Xavier University (*College Credit is available. See page 6 of this Curriculum Guide.*) 2 semesters
 AP Exam Fee Required

The AP Spanish course is intended for students who wish to develop proficiency and integrate their language skills using authentic materials and sources. Students who enroll should have knowledge of the Spanish language and culture and should have attained a reasonable level of proficiency in using the language. Course content reflects a variety of academic and cultural topics that align with the AP Spanish Language Themes as identified by the College Board. Materials included authentic resources in the form of recordings, films, newspapers, and magazines. Students are required to take the Advanced Placement Exam in Spanish at the end of the course. **Placement is based on recommendation by the Language III Honors teacher.**

Spanish IV Honors 12
 520
 1 credit 2 semesters

This course provides an in-depth study of Spanish grammar and structures using authentic materials and sources. Emphasis is also placed on the continued development of composition and listening skills.

Spanish IV Advanced 12
 521
 1 credit 2 semesters

This course is of special interest to students who wish to attain proficiency at the advanced level. Included in the course are a comprehensive review of grammar, expansion of conversational skills, development of reading skills, acquisition of new vocabulary and insights into the customs of Spanish-speaking countries. Course content reflects a variety of cultural topics through the arts, history, literature, and film.

Latin IV Honors 12
 577
 1 credit 2 semesters

Prerequisite: Students will take a diagnostic assessment before the beginning of class. This course is offered on-line through oneschoolhouse.com. It focuses on the process of reading Latin linearly, forming logical expectations for deduction and extrapolation in any discipline, and understanding the complexity of historical/political decision-making and its imperfect outcomes. Students review advanced grammatical and syntactical structures, using indirect statements and various uses of the subjunctive mood. Students acquire deeper contextual knowledge of the social and political challenges of the Republic and early Empire.



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