



## Curriculum Guide



**MOTHER  
MCAULEY**  
Liberal Arts High School



2018 – 2019



## 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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## Dear Parents,

This **Curriculum Guide** has been carefully prepared to provide you and your daughter with course descriptions and scheduling information for the 2018 - 2019 school year. If you need additional information about a particular course, you may contact the department chairperson listed below.

Please read through this guide before you begin to plan and select courses for next year. Your daughter's counselor and dean, as well as her teachers, are available to advise her with course selections.

Sincerely,

Mrs. Eileen O'Reilly  
Principal

<b>English</b>	Mrs. Nora Gifford	773-881-6541
<b>Mathematics</b>	Dr. Andrew Reuland	773-881-6517
<b>P.E. &amp; Performing Arts</b>	Mrs. Rebecca Finn	773-881-6564
<b>Science</b>	Mrs. Kimberly Turnbull	773-881-6511
<b>Social Science</b>	Mrs. Rita Fox	773-881-6625
<b>Theology</b>	Mrs. Amanda Sullivan	773-881-6548
<b>Visual Arts &amp; Technology</b>	Mrs. Kathleen Gordon Davis	773-881-3131
<b>World Languages</b>	Mrs. Roz Sunquist	773-881-6530

# 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	Physical Education		6	World History	
7	Lunch		7	Lunch	
	Electives:	Semester 1		Electives:	Semester 1
		Semester 2			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	Physics		5	Lunch	
6	Lunch			Electives:	Semester 1
	Electives:	Semester 1			Semester 2
		Semester 2	6		
7			7		
8			8		
9			9		

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

## Academic Planning Guidelines

Each student must carry a minimum of seven classes each semester, excluding before and after school classes. Lunch must be included in her program.

The schedule is planned using all nine periods. Students cannot choose courses, planning to leave school early.

Mother McAuley places students in three different academic tracks in English, Language, Biology, and Algebra based on their ability level: honors, advanced, and academic. Honors classes integrate higher level thinking skills of application, analysis, and synthesis of content with an expectation of more independent learning. Advanced level classes focus more on higher level thinking skills of application and analysis. Academic level classes incorporate a review of basic skills with increasing focus on the higher level skill of application within a slightly smaller class setting and with more teacher-facilitated instruction. These tracks are fluid and may change at the end of each academic year depending on students' level of skill mastery.

The specific period and/or semester of any course, study, lunch, or open period will be determined electronically, therefore, disregard the order of the courses above.

Once the scheduling process is completed, schedule changes may not be made. Exceptions to this policy may be granted by the level dean, and a fee of \$100.00 will be charged.

There is no "grace period" in either August or January for trying courses.

## Graduation Requirements

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

### Class of 2019

credits	course
4	English
3	Math
1	PE
3	Science
3	Social Science
4	Theology
2	Language
.5	Technology
.5	Art History
.5	Music or Theatre
1	Fine Arts Electives
5.5	Electives
<b>28</b>	<b>TOTAL CREDITS</b>

### Class of 2020 and beyond

credits	course
4	English
3	Math
1	PE
4	Science
3	Social Science
4	Theology
2	Language
.5	Finance
.5	Art History
.5	Music or Theatre
1	Fine Arts Electives
4.5	Electives
<b>28</b>	<b>TOTAL CREDITS</b>





## Advanced Placement *Program*

Mother McAuley Liberal Arts High School offers an extensive Advanced Placement Program with a total of 18 classes in art, English, language, mathematics, science and social science. 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 AP courses are challenged to reason, analyze and understand independently. By setting high standards for each student, the AP Program instills a quest for knowledge and the ability to be a self-directed learner. Students are prepared to take the national College Board AP exam at the end of the course. Exam fee required. (2017-2018 \$94.00 fee)

### AP Courses offered at McAuley

AP Language and Composition  
 AP Literature & Composition  
 AP French Language  
 AP Latin  
 AP Spanish Language  
 AP Calculus AB  
 AP Statistics  
 AP Biology  
 AP Chemistry  
 AP Physics I  
 AP Physics C - Mechanics  
 AP U.S. Government and Politics  
 AP U.S. History  
 AP World History  
 AP Psychology  
 AP Art History  
 AP Studio Art  
 AP Studio Art 3-D Design

### Courses held in conjunction with Brother Rice

Beginning Band  
 Broadcast Journalism Advanced  
 Broadcast Journalism Honors  
 Concert Band  
 Symphonic Band Honors  
 Philharmonic Band Honors  
 Theatre Workshop I  
 Theatre Seminar II  
 Computer Aided Drafting - Auto CAD LT

# Course Offerings *for Class of 2019, 2020, 2021 & 2022*

Course	Freshman	Sophomore	Junior	Senior
<b>THEOLOGY</b>	Theology I	Theology II	Theology III	Theology IV / Living Faith Theology IV / Global Studies Theology IV / Peer Ministry
<b>ENGLISH</b>	English I Honors English I Advanced English I	English II Honors English II Advanced English II Journalism Broadcast Journalism Advanced Broadcast Journalism Honors Creative Writing	AP Language & Composition English III Honors English III Advanced Creative Writing Journalism III Honors Journalism II Honors Journalism Broadcast Journalism Advanced Broadcast Journalism Honors Media Literacy	AP Literature & Composition English IV Honors English IV Advanced Journalism III Honors Journalism II Honors Broadcast Journalism Advanced Broadcast Journalism Honors Creative Writing Media Literacy
<b>MATHEMATICS</b>	Algebra Algebra Advanced Algebra Honors Geometry Honors	Geometry Honors Geometry Advanced Geometry Pre-Calculus Honors	AP Calculus AB Calculus Honors Adv Algebra - Adv Level Adv Algebra Pre-Calculus Honors	College Algebra with Trigonometry AP Statistics AP Calculus AB Calculus Honors Pre-Calculus Finite Math
<b>SCIENCE</b>	Biology Honors Biology Advanced Biology Computer Science Essentials	Chemistry Honors Chemistry Advanced Chemistry Computer Science Essentials	AP Biology AP Chemistry Computer Science Essentials Engineering Principles Physics Honors Physics Advanced Physics	AP Biology AP Chemistry AP Physics I AP Physics C - Mechanics Computer Science Essentials Environmental Science Advanced Physiology Honors Anatomy & Physiology Earth and Space Science Engineering Principles
<b>SOCIAL SCIENCE</b>		AP World History World History Honors World History Advanced World History	AP US History US History Honors US History Advanced	AP US Government & Politics Economics Honors / America since 1945 Honors AP Psychology Psychology Advanced Sociology Advanced Intro to Child Psychology Advanced Women in History Advanced
<b>WORLD LANGUAGES</b>	French I Advanced French I Honors Spanish I Spanish I Advanced Spanish I Honors Spanish for Heritage Speakers I Latin I Honors / Latin I	French II Advanced French II Honors Spanish II Spanish II Advanced Spanish II Honors Spanish for Heritage Speakers II Latin II Advanced Latin II Honors	French III Advanced French III Honors Spanish III Spanish III Advanced Spanish III Honors Latin III - Cicero Honors Greek and Latin Terms	French IV Advanced AP French Spanish IV Spanish IV Advanced Spanish IV Honors AP Spanish AP Latin Greek and Latin Terms
<b>PHYSICAL EDUCATION</b>	Healthy Foundations	Standard First Aid and CPR Healthy You Lifetime Fitness	Standard First Aid and CPR Healthy You Lifetime Fitness	Standard First Aid and CPR Healthy You Intro to Athletic Training Lifetime Fitness

Course	Freshman	Sophomore	Junior	Senior
<b>THEATRE</b>	Drama I Drama II Acting Drama II Tech Intro to Theatre Children's Theatre Public Speaking	Drama I Drama II Acting Drama II Tech Public Speaking Theatre Workshop I Children's Theatre Intro to Theatre	Drama I Drama II Acting Drama II Tech Public Speaking Theatre Workshop I Theatre Seminar II Theatre Seminar II Honors Children's Theatre Intro to Theatre	Drama I Drama II Acting Drama II Tech Public Speaking Theatre Workshop I Theatre Seminar II Theatre Seminar II Honors Children's Theatre Intro to Theatre
<b>MUSIC</b>	Chorus I Beg. Strings - Violin & Viola Beg. Strings - Cello & Bass Intermediate Strings Symphony Strings Honors String Ensemble Honors Beginning Band Concert Band Symphonic Band Honors Philharmonic Band Honors Music: From Bach to Rock	Chorus I Chorus II Beg. Strings - Violin & Viola Beg. Strings - Cello & Bass A Cappella Honors Mac Melody Music Theory Workshop Vocal Techniques Intermediate Strings Symphony Strings Honors String Ensemble Honors Beginning Band Concert Band Symphonic Band Honors Philharmonic Band Honors Music: From Bach to Rock	Chorus I Chorus II Beg. Strings - Violin & Viola Beg. Strings - Cello & Bass Advanced Chorus Honors A Cappella Honors Mac Melody Music Theory Workshop Vocal Techniques Intermediate Strings Symphony Strings Honors String Ensemble Honors Beginning Band Concert Band Symphonic Band Honors Philharmonic Band Honors Music: From Bach to Rock	Chorus I Chorus II Beg. Strings - Violin & Viola Beg. Strings - Cello & Bass Advanced Chorus Honors A Cappella Honors Mac Melody Music Theory Workshop Vocal Techniques Intermediate Strings Symphony Strings Honors String Ensemble Honors Beginning Band Concert Band Symphonic Band Honors Philharmonic Band Honors Music: From Bach to Rock
<b>VISUAL ARTS</b>	Intro to Drawing Intro to Painting Intro Drawing/Intro Painting Ceramics Sculpture Ceramics / Sculpture Ceramics / Clay Sculpture and Wheel Throwing Clay Sculpture and Wheel Throwing Art and Emerging Tech	Intro to Drawing Intro to Painting Intro Drawing/Intro Painting Ceramics Sculpture Ceramics / Sculpture Ceramics / Clay Sculpture and Wheel Throwing Clay Sculpture and Wheel Throwing Art and Emerging Tech Graphic Design I and II Digital Animation Advanced Drawing / Painting Web Page Layout and Design Illustration Journalism Broadcast Journalism Advanced Broadcast Journalism Honors	Intro to Drawing Intro to Painting Intro Drawing/Intro Painting Ceramics Sculpture Ceramics / Sculpture Ceramics / Clay Sculpture and Wheel Throwing Clay Sculpture and Wheel Throwing Art and Emerging Technology Graphic Design I and II Digital Animation Studio Art Honors Web Page Layout and Design Illustration Journalism III Honors Journalism II Honors Journalism Broadcast Journalism Advanced Broadcast Journalism Honors Art History - Renaissance to Post-Modern AP Art History AP Studio Art AP Studio Art - 3-D Design Photography I Photography II Photography 1 / Photography II Computer Aided Drafting- AutoCAD LT Advanced Drawing / Painting	Intro to Drawing Intro to Painting Intro Drawing / Intro Painting Ceramics Sculpture Ceramics / Sculpture Ceramics / Clay Sculpture and Wheel Throwing Clay Sculpture and Wheel Throwing Graphic Design I and II Digital Animation Studio Art Honors Web Page Layout and Design Illustration Journalism III Honors Journalism II Honors Broadcast Journalism Advanced Broadcast Journalism Honors Art History - Renaissance to Post-Modern AP Art History AP Studio Art AP Studio Art - 3-D Design Photography I Photography II Photography 1 / Photography II Computer Aided Drafting- AutoCAD LT Advanced Drawing / Painting
<b>TECHNOLOGY</b>		Business Technology / Digital Marketing Personal Finance	Business Technology / Digital Marketing Personal Finance	Business Technology / Digital Marketing Personal Finance
<b>ELECTIVES</b>	Students must choose a minimum of three course offerings to fulfill the electives credit.			



# College Credit Courses

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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: To be determined (2017-2018: \$60.00 per credit hour).

### Mother McAuley Liberal Art High School

Advanced Physiology Honors 407  
AP Biology 406  
AP Chemistry 402  
AP Language and Composition 125  
AP Literature and Composition 102  
AP Spanish Language 519  
AP Statistics 326  
AP U.S. History 208

### Saint Xavier University

Human Biology & Human Biology Lab - BIOL 200 and BIOLB 200 - 4 credits  
General Biology I & II - BIOL 111 & 112 - 10 credits  
General Chemistry I & II - CHEM 111 & 112 - 10 credits  
Critical Thinking & Writing - ENGL 101 - 3 credits  
Introduction to Literature - ENGL 154 - 3 credits  
Intermediate Spanish I & II - SPAN 103 & 104 - 6 credits  
Introduction to Statistics - MATH 135 - 4 credits  
U.S. History to 1877, and U.S. History since 1877 - HIST 103 & 104 - 6 credits







# Curriculum Guide Key

Course name	<b>Introduction to Drawing</b>	9, 10, 11, 12	Who may take this course
Course number	703	1 semester	How long the course runs
Amount of credit	½ credit	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. <b>This is a required course for those interested in pursuing Introduction to Painting, Advanced Drawing / Painting, Illustration, Studio Art Honors and Advanced Placement Studio Art.</b>	

## Signature Courses

A Signature Course requires your teacher to sign your contract.

### Studio Art Honors

743

1 credit

This course explores creative problem-solving through various fine art media and techniques, including drawing, painting, printmaking, computer imaging and sculpture. This course requires independent work in sketchbook/journal and long-term assignments. Introduction to Drawing, Introduction to Painting, and Advanced Drawing / 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 AP Studio Art.**

11, 12  
Signature Course  
Portfolio Submission  
2 semesters

Indicates  
Signature Course

## Permit Courses

Permits are available in the Main Office or print one on page 11.

### Advanced Placement in Art History

701

1 credit

*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.**

11, 12  
Permit Course  
2 semesters

Indicates  
Permit Course

# McAULEY PERMIT REQUEST

NAME \_\_\_\_\_

*I wish to take:*

LEVEL for next school year (circle)      10      11      12

COURSE TITLE \_\_\_\_\_ COURSE NUMBER \_\_\_\_\_

If you are taking a course in this department now, who is your teacher? \_\_\_\_\_

\_\_\_\_\_ Approved

\_\_\_\_\_ Not Approved

**Comments:**

\_\_\_\_\_  
DEPARTMENT SIGNATURE

White copy - staple to contract

Yellow copy - Department copy





## How to Plan Your Class Schedule

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Use the **Academic Plan Sheet** on page 4.

In the blank spaces, write in the classes you have already taken.

Check what classes you have taken and compare it to the list of required classes needed to fulfill graduation credits (see page 4).

Research courses you are interested in taking. Research includes reading the course descriptions, talking to department chairs and/or your teachers, and possibly students currently enrolled in the course. The formal student advising process takes place with your counselor and you may want to meet with your level Dean. Fill the empty spaces with the class or classes you would like to take.

Fill the empty spaces with the class or classes you would like to take.

Meet with your counselor to finalize next year's course selections.

### Helpful Hints for Juniors

Be aware of college admission and the graduation requirements as you plan for senior year. You should research the colleges that interest you and their admission requirements before you sign up for classes.

### Helpful Hints for Freshmen and Sophomores

Plan out your classes through senior year to get an idea of what will fulfill your graduation requirements.

# 2018 Scheduling Calendar

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## Introduction

January 17 Scheduling Assembly for students. Parents/Guardians will receive the student scheduling presentation electronically. This presentation will be uploaded to our parent portal for future reference.

## Freshmen

January 22 - 30 Freshman advisory time for course selection; students meet with counselors to select courses and complete contract.

January 31 & February 1 PlusPortals entry  
February 2 Freshman contracts due to level Dean.

## Sophomores

January 31 - February 8 Sophomore advisory time for course selection; students meet with counselors to select courses and complete contract.

February 13 & 14 PlusPortals entry  
February 15 Sophomore contracts due to level Dean.

## Juniors

February 13 - 23 Junior advisory time for course selection; students meet with counselors to select courses and complete contract.

February 26 & 27 PlusPortals entry  
February 28 Junior contracts due to level Dean.

## Incoming Freshmen

March 1 Incoming Freshman (Class of 2022) course selection and registration



# English

## English I Honors

140

1 credit

9

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

141

1 credit

9

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

144

1 credit

9

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 independently and with teacher support. 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

130

1 credit

10

Signature Course

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

131

1 credit

10

Signature Course

2 semesters

This course continues to develop and expand upon the writing, grammar, 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

134

1 credit

10

Signature Course

2 semesters

This course continues to develop and expand upon the writing, grammar, 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

125

1 credit

*AP Exam Fee Required*

Saint Xavier University (College Credit is available. See page 8 of this Curriculum Guide.)

11

Signature Course

2 semesters

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

120

1 credit

11

Signature Course

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

121

1 credit

11

Signature Course

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

102

1 credit

Saint Xavier University (College Credit is available. See page 8 of this Curriculum Guide.)

*AP Exam Fee Required*

12

Signature Course

2 semesters

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. Prerequisites are Honors or Advanced Placement level classes and teacher recommendation. Successful completion of this course earns three hours of college credit at Saint Xavier University - ENGL 154 for a fee to be determined (2017-2018: \$60.00 per credit hour), if the student elects to take the college credit.

**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

110

1 credit

12

Signature Course

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

111

1 credit

12

Signature Course

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 III Honors

116

1 credit: ½ English, ½ Art

11, 12

English Teacher Signature Required

2 semesters

See Journalism II Honors description. **Journalism II Honors is a prerequisite.**

## Journalism II Honors

117

1 credit: ½ English, ½ Art

11, 12

English Teacher Signature Required

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. **Honors level English must be taken concurrently. Journalism II Honors is a pre-requisite for Journalism III Honors.**

## Journalism

115

1 credit: ½ English, ½ Art

10, 11

English Teacher Signature Required

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. 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 and Journalism III Honors.**

**NEW**

## Broadcast Journalism Advanced

113

1 credit

*This course meets at Brother Rice High School*

10, 11, 12

Permit Course

2 semesters

Students will expand upon the basics of production planning, script preparation, analysis, directing, equipment setup, trouble-shooting, and production. In addition, students will learn field-shooting, interviewing and editing. The primary technique of instruction is rotating students in the crew positions necessary to produce and air television programs and projects. Cooperation with local cable TV companies will further develop and test the variety of skills and knowledge required.

**NEW**

## Broadcast Journalism Honors

114

1 credit

*This course meets at Brother Rice High School*

10, 11, 12

Permit Course

2 semesters

Students will expand upon the basics of production planning, script preparation, analysis, directing, equipment setup, trouble-shooting, and production. In addition, students will learn field-shooting, interviewing and editing. The primary technique of instruction is rotating students in the crew positions necessary to produce and air television programs and projects. Cooperation with local cable TV companies will further develop and test the variety of skills and knowledge required.



## Creative Writing

107

½ credit

10, 11, 12

Signature Course

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.

## Media Literacy

108

½ credit

11, 12

Signature Course

1 semester

Students use a Christian values perspective to critically analyze, evaluate and produce messages using a media framework. This interdisciplinary course integrates several areas of study and traces their implications in the multiple media of today's world. Both print and electronic media are studied to foster an understanding of the impact of mass media on the development of culture. This course does not fulfill an English requirement.



# Mathematics

## Algebra Honors

325

1 credit

9

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. **A “B” average in Algebra Honors is required to take Geometry Honors 315.**

## Algebra Advanced

327

1 credit

9

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. **With the teacher’s recommendation, a student may be placed in Math 317 after the successful completion of this course.**

## Algebra

328

1 credit

9

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. **With the teacher’s recommendation, a student may be placed in Math 318 after the successful completion of this course.**

## Geometry Honors

315

1 credit

9, 10

Signature Course

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. **A “B” average in this course is required to continue on to College Algebra/Trigonometry 310.**

## Geometry Advanced

317

1 credit

10

Signature Course

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. **With the teacher’s recommendation, a student may be placed in Math 309 after the successful completion of this course.**

## Geometry

318

1 credit

10

Signature Course

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. **With the teacher's recommendation, a student may be placed in Math 314 after the successful completion of this course.**

## Pre-Calculus Honors

302

1 credit

10, 11

Signature Course

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. **A "B" average is required in this course to continue of AP Calculus 300.**

## Advanced Algebra - Advanced Level

309

1 credit

11

Signature Course

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. **With the teacher's recommendation, a student may be placed in Math 303 or Math 337 after the successful completion of this course.**

## Advanced Algebra

314

1 credit

11

Signature Course

2 semesters

This course is a second course is 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. **With the teacher's recommendation, a student may be placed in Math 336 after the successful completion of this course.**

## Advanced Placement Calculus AB

300

1 credit

*AP Exam Fee Required*

11, 12

Signature Course

2 semesters

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 prepared to take the Advanced Placement Exam in Calculus AB for possible college credit. A TI-84 Plus graphing calculator is required. **A "B" average in 310 College Algebra & Trigonometry Honors is required. Summer work is required.**

## Calculus Honors

335

1 credit

11, 12

Signature Course

2 semesters

This course is a continuation of College Algebra/Trigonometry 310 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. **Summer work is required.**



### Advanced Placement Statistics

326

1 credit

Saint Xavier University (College Credit is available. See page 8 of this Curriculum Guide.)

*AP Exam Fee Required*

12

Signature Course

2 semesters

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 prepared to take the Advanced Placement Exam in Statistics at the end of the course for possible college credit. A TI-84 Plus graphing calculator is required. **A “B” average in 300, 303 with junior math teacher recommendation is required. This course can be taken concurrently with 300 or 303. Summer work is required.**

### Pre-Calculus

303

1 credit

12

Signature Course

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.**

### Finite Math

337

1 credit

12

Signature Course

2 semesters

This course is designed for students as a senior level advanced mathematics course. Topics of study include linear algebra, linear programming, finance, counting techniques, set theory, probability, statistics, and matrices. **Finite Math is applicable in a wide range of college majors including humanities, social science, human services, education, and business.** A TI-84 Plus graphing calculator is required.

### College Algebra with Trigonometry

338

1 credit

12

Signature Course

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.

# Physical Education

One year in Physical Education is required for graduation. All students will take P.E. their Freshman year. Other classes are for elective credit.

NEW

## Healthy Foundations

637

1 credit

9

2 semesters

This course is the foundation of the physical education curriculum. All Freshmen will take this course. Aspects of physical fitness and wellness 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, floor hockey, and ultimate frisbee. Students will also participate in fitness activities such as yoga and step aerobics. Upon completion of this course students will be more knowledgeable in rules, strategies and skills of various sports and fitness activities as well as components of a healthy lifestyle.

NEW

## Lifetime Fitness

634

½ credit

10, 11, 12

1 semester

This course builds on skills and knowledge developed in Healthy Foundations. This course is designed for motivated students who like to perform physical activities and exercise outside of school time. This course will meet once week to provide students information on the five areas of health related fitness and creation of a personal exercise plan. Daily workouts can be done during class time or at any other time during the day that is convenient for the student (ie: sports practices, gym membership). Physical activity will be recorded through the use of a monitor and submitted via an app. This course may be repeated during the same school year or subsequent school years and counts as a physical education elective.

## Standard First Aid and CPR

643

½ credit

10, 11, 12

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 is an elective course. **This course will alternate yearly with Healthy You and be offered during the 2019-2020 school year.**

## Healthy You

651

½ credit

10, 11, 12

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 is an elective course. **This course will alternate yearly with Standard First Aid and CPR and be offered during the 2018-2019 school year.**

## Introduction to Athletic Training

641

½ credit

12

Permit Course

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 course is an elective.

# Performing Arts

## Music

### Chorus I

808

1 credit

9, 10, 11, 12

2 semesters

Chorus I provides students with an opportunity to sing with a large group and to explore music from a wide variety of cultures and time periods. Basic vocal techniques, sight-singing skills and theory are developed. A variety of choral music is sung, and public performances are included in this course. This course is open to all students who enjoy singing and performing.

### Chorus II

809

1 credit

10, 11, 12

Signature Course

2 semesters

Chorus II continues to build and strengthen vocal techniques. Students are provided with large and small group experience. More advanced levels in theory and sight-singing are covered. Several public performances are included in the course.

**Prerequisite of Chorus I is required.**

### Advanced Chorus Honors

793

1 credit

11, 12

Signature Course

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

Signature Course

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 a McAuley chorus is required.

### Mac Melody

782

½ credit

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

10, 11, 12

Signature Course

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 a McAuley chorus is required. Several public performances are required.



### Music Theory Workshop

813

¼ credit

Time: Tuesday – 3:00 to 4:00 p.m.

10, 11, 12

Signature Course

2 semesters

Music Theory Workshop is a course intended to prepare students for college-level music theory course work. 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 and pass the Theory Book One exam before registering for this course. **This course alternates yearly with Vocal Techniques (812) and will be offered during the 2019-2020 school year.**

### 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 2018-2019 school year.**

### Beginning Strings – Violin and Viola

801

1 credit

9, 10, 11, 12

2 semesters

Beginning Strings is the first strings class in the Mother McAuley String program. It offers beginners the chance to play a stringed instrument (violin, viola) within an ensemble. No audition or prior experience is required. Instruments will be provided to the students and choice of instrument may be determined by availability. The music will vary from classical pieces to modern day pop songs. Continuation into intermediate strings is recommended. See Course 814 for cello and bass options.

### Beginning Strings – Cello and Bass

814

1 credit

9, 10, 11, 12

2 semesters

Beginning Strings is the first strings class in the Mother McAuley string program. It offers beginners the chance to play a stringed instrument (cello, bass) with an ensemble. No audition or prior experience is required. Instruments will be provided to the students and choice of instrument may be determined by availability. The music will vary from classical pieces to modern day pop songs. Continuation into intermediate strings is recommended. See Course 801 for Violin and Viola option.

### Intermediate Strings

818

1 credit

9, 10, 11, 12

Signature Course

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

Signature Course

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**

798

½ credit

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

9, 10, 11, 12

Signature Course

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. Membership in Symphony String Orchestra is required.

### **Beginning Band – Mother McAuley & Brother Rice**

785

1 credit

9, 10, 11, 12

Personal Interview

2 semesters

In this course, members learn to play a wind, brass, or percussion instrument. Upon successful completion of this course, students are expected to continue their music in a performance group. Instrument choice is determined by student preference and balance of the ensemble. No experience on any instrument is necessary.

### **Concert Band – Mother McAuley & Brother Rice**

786

1 credit

9, 10, 11, 12

Signature Course

Audition

2 semesters

Throughout the course, students will develop their technical and reading skills 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. This class will be taught in conjunction with Brother Rice at Brother Rice, and it is an expectation that all students in the class would march in the Brother Rice/Mother McAuley Marching Band during the first quarter. Finally, students in the Concert Band will be assessed a \$100.00 band uniform/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**

789

1 credit

9, 10, 11, 12

Signature Course

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. They will perform original works written to help the instrumentalist reach the pinnacle of music performance. Members of this ensemble will be exposed to the gamut of key and time signatures as they relate to music composed in the common practice period of music. Students will be placed in this course at the discretion of the director following an audition. This class will be taught in conjunction with Brother Rice at Brother Rice, and it is an expectation that all students in the class would march in the Brother Rice/Mother McAuley Marching Band during the first quarter. Finally, students in the Symphonic Band Honors will be assessed a \$100.00 band uniform/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.

**Philharmonic Band Honors – Mother McAuley & Brother Rice**

783

1 credit

9, 10, 11, 12

Signature Course

Audition

2 semesters

This Honors class is the top level ensemble for students who play wind and percussion instruments. Students in this class will learn advanced musical techniques, learn the core of wind and percussion literature, and be able to analyze music from performance and listening. This ensemble will perform music at a collegiate level, compete at music festivals in the Chicagoland area, and represent Mother McAuley and Brother Rice at a variety of local and national events. Members of this ensemble will join the members of the Symphonic and Concert Bands in making up the Brother Rice and Mother McAuley Marching Band. Admission into this class is by audition only. This class will be taught in conjunction with Brother Rice at Brother Rice, and it is an expectation that all students in the class would march in the Brother Rice/Mother McAuley Marching Band during the first quarter. Finally, students in the Philharmonic Band Honors will be assessed a \$100.00 band uniform/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**

790

½ credit

9, 10, 11, 12

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

## Drama I

721

½ credit

9, 10, 11, 12

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

722

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 acting. Students will practice skills in a collaborative and creative atmosphere. Skills 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

1 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

728

1 credit

10, 11, 12

Signature Course

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 Seminar II Honors

739

1 credit

11, 12

Signature Course

2 semesters

Honors credit with additional requirements and theatre instructor permission is available.

## Theatre Seminar II

729

1 credit

11, 12

Signature Course

2 semesters

This is the advanced course for senior students. Students in this class experiment with other styles of acting, advanced acting work and scene and play analysis work and synthesize the four years of theatre study by directing a one act play performed at the One Act Play Festival in the spring. All students will have a role on or off the stage in the Spring play. Outside rehearsal and performance are required. Students continue to develop their knowledge of the literature of the theatre through play reading and viewing and analysis. Opportunities are available for students to develop their skills in theatre production and to take leadership in those areas. **Prerequisite of Theatre Seminar I is required.**

## Introduction to Theatre

731

½ credit

9, 10, 11, 12

1 semester

This class is a survey of the art of Theatre, touching on a variety of aspects of the theatrical process. Emphasis is placed on understanding a variety of aspects of the art, including acting, directing, audience appreciation, history and theatre production. This is not a performance class. No outside rehearsal time is required. Recommended for all levels.

## Children's Theatre

726

½ credit

9, 10, 11, 12

1 semester

This course explores puppetry and creative dramatics for children and performing for the child audience. Students produce a play for the children. This class is recommended for students interested in theatre, pre-school and primary education. No previous theatre experience is needed, and limited outside rehearsal is required. Students participate in the "Not So Haunted House."

## Public Speaking

732

½ credit

9, 10, 11, 12

1 semester

This course is designed to prepare young women to meet any and all speaking situations with confidence. Students are introduced to a variety of speaking styles and techniques, and each mode is practiced and performed. Special emphasis is given to the use of persuasion as students become skilled in speech presentation, interview, discussion techniques, debate and parliamentary procedure.



# Science

NEW

## 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.

## 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

This laboratory course covers 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.

## Biology

9

490

1 credit

2 semesters

This laboratory course covers 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). Emphasis is placed upon vocabulary and developing study and analytical skills.

## Chemistry Honors

10

413

Signature Course

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 thermochemistry. 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

404

1 credit

10

Signature Course

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

414

1 credit

10

Signature Course

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

400

1 credit

11

Signature Course

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

405

1 credit

11

Signature Course

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

408

1 credit

11

Signature Course

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

407

1 credit

12

Signature Course

2 semesters

Saint Xavier University (College Credit is available. See page 8 of this Curriculum Guide.)

The Advanced Physiology course is designed to cover the structures, functions, biochemical pathways and integrative mechanisms that contribute to the functioning of the human body. Laboratory work includes enhanced computer simulations. **Completion or concurrent enrollment in Physics 400 or teacher recommendation required.**

## Anatomy and Physiology

401

1 credit

12

Signature Course

2 semesters

This laboratory course covers the structure and function of the human body and the etiology of disease in relation to each body system. Recommended for students who wish to pursue a health science career. **Completion or concurrent enrollment in Physics is required.**

## Environmental Science

432

1 credit

12

Signature Course

2 semesters

This laboratory course investigates the components of an ecosystem, enabling students to gain an understanding of the interactions between organisms and the environment, along with ethical and sociological implications of environment management. Topics covered include: energy supply and demand, pollution increase, global climate change, ecosystem stability and food production. **Completion or concurrent enrollment in Physics required.**

## Engineering Principles

433

1 credit

11, 12

Signature Course

2 semesters

This introductory engineering class is intended for those interested in learning about engineering as a career. It will explore scientific and engineering applications in a collaborative and project-based manner. Anticipated projects include building/testing balsa wood bridges, robot competition, design and use of computers, household solar power applications, engineering solutions to real world problems. Emphasis will be placed on hands-on activities and group work. **Completion or concurrent enrollment in Math 302 or 309 required. Completion of Science 404, with a “C” or better required.**

## Earth and Space Science

434

1 credit

12

Signature Course

2 semesters

Earth and Space Science is a senior elective, laboratory science course that explores the origins and the connections between the biological, chemical, and physical processes of Earth and Space. Topics covered will include Geology, Meteorology, and Astronomy. Emphasis will be placed on inquiry-based laboratory investigations and hands-on activities in order to provide the knowledge, skills, and habits of mind needed for problem solving and ethical decision making within scientific and technological issues. Guest speakers and field trips may be incorporated in this course. **Completion or concurrent enrollment in Physics required.**

## Advanced Placement Biology

406

1 credit

11, 12

Signature Course

2 semesters

Saint Xavier University (College Credit is available. See page 8 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.**

## Advanced Placement Chemistry

402

1 credit

Saint Xavier University (College Credit is available. See page 8 of this Curriculum Guide.)

*AP Exam Fee Required*

11, 12

Signature Course

2 semesters

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.**

## Advanced Placement Physics C - Mechanics

412

1 credit

*AP Testing Fee Required*

12

Signature Course

2 semesters

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

417

1 credit

*AP Exam Fee Required*

12

Signature Course

2 semesters

This course is designed to be a first or second year physics course. It covers material that is equivalent of a first semester introductory physics course at a college level. Content will include mechanics, simple harmonic motion, waves and resistor circuits. 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 expected to write the Advanced Placement exam at the end of the course. **Completion of AP Biology or AP Chemistry as a Junior is required.**



# Social Science

## Advanced Placement World History

228

1 credit

*AP Exam Fee Required*

10

Signature Course

2 semesters

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. The course culminates with the AP World History examination, which is administered in May. Students may earn possible college credit for this course.

## World History Honors

213

1 credit

10

Signature Course

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

214

1 credit

10

Signature Course

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

215

1 credit

10

Signature Course

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

208

1 credit

Saint Xavier University (College Credit is available. See page 8 of this Curriculum Guide.)

*AP Exam Fee Required*

11

Signature Course

2 semesters

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.



### U.S. History Honors

209

1 credit

11

Signature Course

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

212

1 credit

11

Signature Course

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

226

1 credit

*AP Exam Fee Required*

12

Signature Course

2 semesters

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. **Summer work is required.**

### Economics Honors / America Since 1945 Honors

238, 239

1 credit

12

Signature Course

2 semesters

**Economics Honors:** This course is designed to help students understand the complex structure of the world's different economic systems and their relationship to each other. Emphasis on the study of the American economy is an integral part of the course.

**America Since 1945:** In this course students examine and analyze trends in the United States since 1945. The course centers on the study of changes in the United States since 1945. This includes the changing role of women, the emergence of the Civil Rights movement, the role of minority groups in the United States and the changing role in a dynamic global society.

### Introduction to Child Psychology (Little School) Advanced

240

1 credit

12

Permit Course

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.

## Sociology Advanced

237

½ credit

12

Signature Course

1 semester

In this course students examine and analyze modern theory and trends in sociology. These trends include the study of cultures and social structures, socializations in the 21st century, inequalities in gender, age and ethnicity. Emphasis is placed upon empowering the student to understand the complexities of society, as well as, responding to the issues in a changing dynamic society.

## Advanced Placement Psychology

206

1 credit

*AP Exam Fee Required*

12

Signature Course

2 semesters

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 will take the AP Psychology exam in May. **AP US History or US History Honors and teacher recommendation are required.**

## Psychology Advanced

236

½ credit

12

Signature Course

1 semester

In this course students examine the different models upon which modern psychology has been built, along with such things as the history and origins of psychology, research methods, personality, human development over the life span, the biological aspects of psychology, consciousness, sensation and perception, memory, learning, and psychological disorders. Emphasis is placed on empowering the student to use critical thinking and analysis skills, and on applying psychology to life in our dynamic society.

## Women in History Advanced

242

½ credit

12

Signature Course

1 semester

Students in this course will be introduced to a wide range of issues and topics focusing on women in both U.S. and world history. These topics include women's contributions to social, political, economic and educational institutions. In this course, students will gain a clear understanding of women's changing roles in history and examine the global diversity of women.

# Theology

## 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. 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. 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

Permit Course

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

## Art

### 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 / Painting, Illustration, Studio Art Honors and Advanced Placement Studio Art.**

### 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 Drawing / Painting, Studio Art Honors or Advanced Placement Studio Art. Introduction to Drawing 703 is a prerequisite.**

### Introduction to Drawing / Introduction to Painting

9, 10, 11, 12

718

1 credit

2 semesters

This is a full year 2 semester course. Course descriptions are in 703 and 705.



### Advanced Drawing / Painting

10, 11, 12

752

1 credit

2 semesters

This course will provide students with the technical skills and time to create original finished drawings / paintings 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. Additionally, students will be exploring digital sketching and painting techniques using select apps on the iPad. **Introduction to Drawing / Painting is the prerequisite and this course is required for Studio Art Honors or can be taken by students interested in taking another Visual Arts elective.**

### 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/wheel throwing and AP Studio Art 3-D Design.**

**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. Sculpture is required for AP Studio 3-D.**

**Ceramics/Sculpture** 9, 10, 11, 12  
 717  
 1 credit 2 semesters

This is a full year 2 semester art course. Course descriptions are in 706 and 707.

**Clay Sculpture and Wheel Throwing** 9, 10, 11, 12  
 745  
 ½ credit 1 semester

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. This is a prerequisite for students interested in AP Studio Art 3-D.**

**Ceramics/Clay Sculpture and Wheel Throwing** 9, 10, 11, 12  
 746  
 1 credit 2 semesters

This is a full year 2 semester art course. Course descriptions are in 706 and 745.

**Art and Emerging Technology** 9, 10, 11  
 709  
 ½ credit 1 semester

This course is open to freshman, sophomore, and junior 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. 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 and II, and Digital Animation.**

**Graphic Design I and II** 10, 11, 12  
 744  
 1 credit 2 semesters

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. The second 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. **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 and technology. It will introduce students to the creative field of digital animation. Through the use of cutting edge software (Adobe Animate), 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 (Muse, Photoshop, etc.). Additionally students will create photos and graphics 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

10, 11, 12

700

½ credit

1 semester

This course is designed for students interested in visual communications and marketing careers. Students will build visual 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 digital imaging. This would be an excellent course to pair up with graphic design. **Introduction to drawing 703 is a prerequisite for illustration. Illustration is strongly recommended for students interested in pursuing Advanced Placement Studio Art 2D-Design.**

## Journalism III Honors

11, 12

116

1 credit: ½ English, ½ Art

English Teacher Signature Required

2 semesters

See Journalism II Honors description. **Journalism II Honors 117 is required.**

## Journalism II Honors

117

1 credit: ½ English, ½ Art

11, 12

English Teacher Signature Required

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. **Honors level English must be taken concurrently. Journalism 115 is a prerequisite. Journalism II Honors is a prerequisite for Journalism III Honors.**

## Journalism

115

1 credit: ½ English, ½ Art

10, 11

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. 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 and Journalism III Honors.**

NEW

## Broadcast Journalism Advanced

113

1 credit

*This course meets at Brother Rice High School*

10, 11, 12

Permit Course

2 semesters

Students will expand upon the basics of production planning, script preparation, analysis, directing, equipment setup, trouble-shooting, and production. In addition, students will learn field-shooting, interviewing and editing. The primary technique of instruction is rotating students in the crew positions necessary to produce and air television programs and projects. Cooperation with local cable TV companies will further develop and test the variety of skills and knowledge required.

NEW

## Broadcast Journalism Honors

114

1 credit

*This course meets at Brother Rice High School*

10, 11, 12

Permit Course

2 semesters

Students will expand upon the basics of production planning, script preparation, analysis, directing, equipment setup, trouble-shooting, and production. In addition, students will learn field-shooting, interviewing and editing. The primary technique of instruction is rotating students in the crew positions necessary to produce and air television programs and projects. Cooperation with local cable TV companies will further develop and test the variety of skills and knowledge required.



## Art History – Renaissance to Post-Modern

11, 12

742

½ credit

1 semester

This survey course provides the student with an introduction to visual literacy. It integrates the study of aesthetics, art criticism, art history and art production. Students will learn how societies and cultures from the Renaissance to Post-Modern have used the arts to express cultural values and interpret meaningful life experiences. Learning about art history fosters tolerance and respect for the ideas and opinions of others and provides students with an understanding of visual language. Fulfills the art history graduation requirement.

## Studio Art Honors

11, 12

743

1 credit

Signature Course  
Portfolio Submission  
2 semesters

This course explores creative problem-solving through various fine art media and techniques, including drawing, painting, printmaking, computer imaging and sculpture. This course requires independent work in sketchbook/journal and long-term assignments. Introduction to Drawing, Introduction to Painting, and Advanced Drawing / 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 AP Studio Art.**

## 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. Included in this course is the use of digital cameras, scanners, and computers. It is recommended that students have access to a manually adjustable 35 mm camera. Extra time and effort is expected of the student.

## 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 processes with both the black and white film camera and digital camera. **Photography I 710 is a prerequisite.** Extra time and effort is expected of the student.

## Photography I / Photography II

11, 12

749

1 credit

2 semesters

This is a full 2 semester course. Course descriptions are in #710 and #711.

## Computer Aided Drafting - AutoCAD LT

11, 12

767

1 credit

Permit signed by Dean  
2 semesters

*This course meets at Brother Rice High School.*

This course will give students an introduction to the concepts in computer-aided drafting and design using AutoCAD LT software. Students will develop an understanding of the features and considerations associated with the computer as drafting/design tool. The course presents step-by-step instruction of AutoCAD commands, mode settings, drawing aides, shortcuts and other valuable characteristics of AutoCAD. The course concentrates on basic concepts and principles of technical drawing such as projection, size description, pictorial representation, techniques and tools.

### Advanced Placement Art History

701

1 credit

AP Exam Fee Required

11, 12

Permit Course

2 semesters

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 Studio Art

716

1 credit

AP Exam Fee Required

11, 12

Signature Course

2 semesters

Portfolio Submission

This course is aimed at the highly motivated junior or senior art student, who intends to pursue art on the post-secondary level and beyond, AP Studio Art addresses three major concerns that are constants in art: 1) a sense of quality in work, 2) a concentration on a particular visual interest or problem and 3) a breadth of experience in formal, technical and expressive means of the artist. This course is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead the student submits a portfolio for evaluation at the end of the school year. This course requires independent work. **Introduction to Drawing 703, Introduction to Painting 705, and Advanced Drawing / 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.**

### Advanced Placement Studio Art 3-D Design

740

1 credit

AP Exam Fee Required

11, 12

Signature Course

2 semesters

Portfolio Submission

This course is designed for students interested in 3-D art and design and possible careers in product design, fine art studio production, furniture design, interior design or interior architecture. Students will explore in-depth studio experience to facilitate a strong body of 3-D artwork to be submitted to the College Board for Advanced Placement college credit, scholarships, and college opportunities. Students who receive high scores on their portfolios may receive college credit. **Ceramics, Sculpture, Ceramic/Sculpture and Wheel Throwing are prerequisites.**



# Visual Arts & Technology

## Technology

### 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.

### 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 for the class of 2020 and beyond.**



# World Languages

## 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 multimedia 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 multimedia 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

Signature Course

1 credit

2 semesters

The second year honors course continues to build proficiency skills more rapidly through a multimedia 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

Signature Course

1 credit

2 semesters

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

## French III Honors

11

505

Signature Course

1 credit

2 semesters

The third year Honors course emphasizes the three modes of communication: interpersonal, presentational, and interpretive with a multimedia approach 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

Signature Course

1 credit

2 semesters

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



### Advanced Placement French

500

1 credit

*AP Exam Fee Required*

12

Signature Course

2 semesters

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 AP Language and Culture exam in May.

**Placement is based on recommendation by the Language III Honors teacher.**

### French IV Advanced

501

1 credit

12

Signature Course

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

535

1 credit

9, 11

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

536

1 credit

9, 11

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

538

1 credit

9, 11

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

530

1 credit

10, 12

Signature Course

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

531

1 credit

10, 12

Signature Course

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

533

1 credit

10, 12

Signature Course

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

525

1 credit

11

Signature Course

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

526

1 credit

11

Signature Course

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

527

1 credit

11

Signature Course

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

519

1 credit

12

Signature Course

2 semesters

Saint Xavier University (College Credit is available. See page 8 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. **Prerequisite: Students are required to take the Advanced Placement Exam in Language at the end of the course. Placement is based on recommendation by the Language III Honors teacher.**

### Spanish IV Honors

520

1 credit

12

Signature Course

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

521

1 credit

12

Signature Course

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.

### Spanish IV

522

1 credit

12

Signature Course

2 semesters

This course continues the study of literature in Spain and Latin America. Included in this course are composition, grammar, conversation, listening skills, reading skills, vocabulary and insights into the customs of Spanish-speaking countries.

### Spanish for Heritage Speakers I

539

1 credit

9

Placement Exam Required

2 semesters

This course is designed for native speakers of Spanish who already have a level of oral and written proficiency. Students will continue to develop, maintain, and improve their proficiency as well as investigate and share cultural experiences.

### Spanish for Heritage Speakers II

534

1 credit

10

Signature Course

2 semesters

This course is designed for those students who have completed Spanish for Heritage Speakers I. These students will continue to develop proficiency and literacy skills with a focus on advanced competence in reading, writing, speaking, and listening. The students' understanding of Hispanic cultures and the issues of identity of heritage speakers will be emphasized.

### Latin I Honors / Latin I

556/555

1 credit

9, 11

2 semesters

This course offers students an introduction to the classical period and its language with readings based on myth, legend, history and drama. Grammar is presented as an aid to reading. **Juniors will not receive Honors credit for this course.**

### Latin II Honors

550

1 credit

10, 12

Signature Course

2 semesters

This course completes the coursework of Latin II, as well as, develops additional reading and prose composition skills through the use of supplementary texts. **Seniors will not receive Honors credit for this course.**

### Latin II Advanced

551

1 credit

10, 12

Signature Course

2 semesters

This course introduces students to Latin literature through the study of prose authors Caesar and Livy and the poets Phaedrus, Martial and Catullus. Students complete their study of basic grammar and syntax.

### Latin III - Cicero Honors

545

1 credit

11

Signature Course

2 semesters

This course includes readings from Roman prose authors Caesar, Cicero, and Sallust, and the poets Catullus and Horace. Emphasis is placed on the understanding of the text and the more complex Latin syntax. Attention is given to the reading of history from the participant's point of view, ancient and modern rhetoric, Roman political history and the causes of revolution.

### Advanced Placement Latin

544

1 credit

AP Exam Fee Required

12

Signature Course

2 semesters

See Latin IV Honors 540 course description. Students take the Advanced Placement Latin Exam at the end of the course. They may qualify for college credit and/or advanced placement in college. **Placement into this class is based on recommendation by the Language III Honors teacher.**

### Greek and Latin Terms

560

½ credit

11, 12

1 semester

This course is designed for students who wish to improve their vocabulary by a systematic study of words with Greek or Latin roots. Special emphasis is given to medical and legal terminology. The history of Western languages and the nature of evolution of scientific terminology are also studied.



**“We should be as the compass that goes round  
its circle without stirring from its center –  
our center is God, from whom all our actions  
should spring as from their source.”**

*Quotation from the Writings of Catherine McAuley*



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