



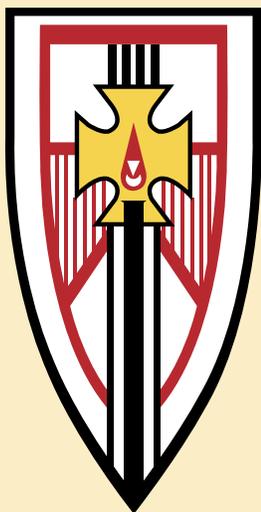
Curriculum Guide



**MOTHER
MCAULEY**
Liberal Arts High School



2016 – 2017



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 2016 - 2017 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,

Ms. Eileen Boyce
Principal

| | | |
|-------------------------------------|----------------------------|--------------|
| English | Mrs. Nora Gifford | 773-881-6541 |
| Mathematics | Dr. Andrew Reuland | 773-881-6517 |
| P.E. & Performing Arts | Mrs. Rebecca Finn | 773-881-6564 |
| Science | Mrs. Kimberly Turnbull | 773-881-6511 |
| Social Science | Mrs. Rita Fox | 773-881-6625 |
| Theology | Mr. Robert Rabe Jr. | 773-881-6548 |
| Visual Arts & Technology | Mrs. Kathleen Gordon Davis | 773-881-3131 |
| World Languages | Mrs. Roz Sunquist | 773-881-6530 |

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.

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 2017

| 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 |
| 3.5 | Electives |
| 26 | TOTAL CREDITS |

Class of 2018

| 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 |
| 4.5 | Electives |
| 27 | TOTAL CREDITS |

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 |
| 28 | TOTAL CREDITS |

Class of 2020

| 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 |
| 28 | TOTAL CREDITS |



Advanced Placement *Program*

Mother McAuley Liberal Arts High School offers an extensive Advanced Placement Program with a total of 17 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. (2015-2016: \$92.00 fee)

AP Courses offered at McAuley

- AP Language and Composition
- AP Literature & Composition
- AP French Language
- AP Latin - Virgil
- 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 Art History
- AP Studio Art
- AP Studio Art 3-D Design

Courses held in conjunction with Brother Rice

- Latin
- Beginning Band
- Concert Band
- Symphonic Band Honors
- Philharmonic Band Honors
- Theatre Seminar I
- Theatre Seminar II
- Computer Aided Drafting - Auto CAD LT

College Credit Courses

Successful completion of the following courses earns college credit hours through the dual credit programs with Saint Xavier University, Chicago, IL, and St. Mary's University, Winona, MN. The purpose of the college credit program is to provide transferable college credit for knowledge and skills students have mastered in high school courses. The cost of these credits varies with each university and college.

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 (2015-2016: \$60.00 per credit hour).

Mother McAuley Liberal Art High School

AP Biology (Science 406)

AP Chemistry (Science 402)

AP Literature and Comp (English 102)

AP Spanish (World Languages 519)

AP Statistics (Math 326)

Intro. to Child Psychology (Social Science 240)

Saint Xavier University

General Biology I & II (BIOL 111 & 112) – 10 credits - \$600.00

General Chemistry I & II (CHEM 111 & 112) – 10 credits - \$600.00

Introduction to Literature (ENGL 154) – 3 credits – 180.00

Intermediate Spanish I & II (SPAN 103 & 104) – 6 credits - \$360.00

Introduction to Statistics (MATH 188) – 3 credits - \$180.00

Child Growth & Development (EDU 205) – 3 credits - \$180.00

St. Mary's University Program for Advance College Credit (PACC)

The following courses qualify for dual credit at Mother McAuley Liberal Arts High School and St. Mary's University, Winona, Minnesota. PACC course fee: To be determined (2015-2016: \$70.00 per credit hour)

Mother McAuley Liberal Arts High School

AP Language and Composition (English 125)

Advanced Physiology Honors (Science 407)

AP U.S. History (Social Science 208)

St. Mary's University

Topics in American Literature (E195) – 3 credits - \$210.00

Human Biology/Lab (B200/201) – 3 credits - \$210.00

U.S. History to 1865 (H113 – Sem. 1) – 3 credits - \$210.00

U.S. History since 1865 (H114 – Sem. 2) – 3 credits - \$210.00

Four Year Plan

Student's First Name: _____

Student's Last Name: _____

See page 4 for Graduation Requirements.

| FRESHMAN YEAR | SOPHOMORE YEAR |
|---------------|----------------|
| Theology | Theology |
| English | English |
| Language | Language |
| Math | Math |
| Biology | Chemistry |
| Lunch | World History |
| Electives: | Lunch |
| | Electives: |
| | |
| | |
| JUNIOR YEAR | SENIOR YEAR |
| Theology | Theology |
| English | English |
| U.S. History | Social Science |
| Math | Lunch |
| Science | Electives: |
| Lunch | |
| Electives: | |
| | |
| | |
| | |

Sequence of Courses for Class of 2017, 2018, 2019 & 2020

| Requirements | Freshman | Sophomore | Junior | Senior |
|---------------------------|--|--|--|--|
| THEOLOGY | Theology I | Theology II | Theology III | Theology IV / Living Faith Theology IV / Global Studies Theology IV / Peer Ministry |
| ENGLISH | English I Honors English I Advanced English I Academic | English II Honors English II Advanced English II Academic Journalism Creative Writing | AP Language & Composition English III Honors English III Advanced English III Academic American Studies Honors (Eng) American Studies (Eng) | Creative Writing Journalism II Honors Media Literacy AP Literature & Composition English IV Honors English IV Advanced Journalism III Honors Journalism II Honors |
| MATHEMATICS | Geometry Honors Algebra I Honors Algebra I Advanced Algebra I Academic | College Algebra and Trig Honors Geometry Honors Geometry Advanced Geometry Academic | AP Calculus AB College Algebra and Trig Honors Algebra II Advanced Algebra II Academic Calculus Honors | AP Statistics AP Calculus AB Calculus Honors Pre-Calculus Finite Math Algebra III / Intro to Probability and Statistics |
| SCIENCE | Biology Honors Biology Advanced Biology Academic Integrated Biology/Art | Chemistry Honors Chemistry Advanced Chemistry Academic | AP Biology AP Chemistry Physics Honors Physics Advanced Physics Academic | AP Biology AP Chemistry AP Physics I AP Physics C - Mechanics Environmental Science Advanced Physiology Honors Anatomy & Physiology Earth and Space Science Engineering Principles |
| SOCIAL SCIENCE | | AP World History World History Honors World History Advanced World History Academic | AP US History US History Honors US History Advanced American Studies Honors (History) | AP US Government and Politics Economics Honors / America since 1945 Honors Psychology Sociology Intro to Child Psychology Women in History |
| WORLD LANGUAGES | French I French I Honors Spanish I Academic Spanish I Advanced Spanish I Honors Spanish for Heritage Spkrs I Latin I Honors / Latin I | French II French II Honors Spanish II Academic Spanish II Advanced Spanish II Honors Spanish for Heritage Spkrs II Latin II Latin II Honors | French III French III Honors Spanish III Academic Spanish III Advanced Spanish III Honors Latin III - Cicero Honors Greek and Latin Terms | French IV AP French Spanish IV Academic Spanish IV Advanced Spanish IV Honors AP Spanish Latin IV - Virgil Honors AP Latin Greek and Latin Terms |
| PHYSICAL EDUCATION | Standard First Aid and CPR Team Sports Individual Sports Fitness and Weights Healthy You Group Fitness | Standard First Aid and CPR Team Sports Individual Sports Fitness and Weights Healthy You Group Fitness | Standard First Aid and CPR Team Sports Individual Sports Fitness and Weights Healthy You Group Fitness | Standard First Aid and CPR Team Sports Individual Sports Fitness and Weights Healthy You Group Fitness Intro to Athletic Training |
| THEATRE | Acting I Acting II Acting I / Acting II Intro to Theatre Play Production Public Speaking | Acting I Acting II Acting I / Acting II Children's Theatre Intro to Theatre Play Production Public Speaking | Acting I Acting II Acting I / Acting II Theatre Seminar I Honors Intro to Theatre Theatre Seminar I | Theatre Seminar II Honors Theatre Seminar II Children's Theatre Intro to Theatre Play Production Public Speaking Acting I Acting II Acting I / Acting II Theatre Seminar I Honors Theatre Seminar I Theatre Seminar II Honors Theatre Seminar II |
| MUSIC | Chorus I Beg. Strings - Violin & Viola Beg. Strings - Cello & Bass Intermediate Strings Symphony Strings String Ensemble Beginning Band Concert Band Symphonic Band Honors Philharmonic Band Honors Music: From Bach to Rock | Chorus I Chorus II A Cappella Mac Melody Music Theory Workshop Intermediate Strings Symphony Strings String Ensemble Beginning Band Concert Band Symphonic Band Honors Philharmonic Band Honors Music: From Bach to Rock | Chorus I Chorus II Advanced Chorus Advanced Chorus Honors A Cappella A Cappella Honors Mac Melody Music Theory Workshop Vocal Techniques Intermediate Strings Symphony Strings String Ensemble String Ensemble Honors Beginning Band Concert Band Symphonic Band Honors Philharmonic Band Honors Music: From Bach to Rock | Chorus I Chorus II Advanced Chorus Advanced Chorus Honors A Cappella A Cappella Honors Mac Melody Music Theory Workshop Vocal Techniques Intermediate Strings Symphony Strings String Ensemble String Ensemble Honors Beginning Band Concert Band Symphonic Band Honors Philharmonic Band Honors Music: From Bach to Rock |
| VISUAL ARTS | Integrated Biology and Art Intro to Drawing Intro to Painting Intro Drawing/Intro Painting Ceramics Sculpture Ceramics/Sculpture Art and Emerging Technology | Intro to Drawing Intro to Painting Intro Drawing/Intro Painting Ceramics Sculpture Ceramics/Sculpture Art and Emerging Technology Graphic Design Digital Animation Studio Art Web Page Design Illustration Journalism | Intro to Drawing Intro to Painting Intro Drawing/Intro Painting Ceramics Sculpture Ceramics/Sculpture Art and Emerging Technology Graphic Design Digital Animation Studio Art Web Page Design Illustration Journalism II Honors Journalism Art History - Pre-Historic to the Renaissance Art History - Renaissance to Post-Modern AP Art History | AP Studio Art AP Studio Art - 3-D Design Photography I Photography II Photography I / Photography II Computer Aided Drafting-AutoCAD LT Intro to Drawing Intro to Painting Intro Drawing / Intro Painting Ceramics Sculpture Ceramics/Sculpture Graphic Design Digital Animation Studio Art Web Page Design Illustration Journalism III Honors Journalism II Honors Art History - Pre-Historic to the Renaissance Art History - Renaissance to Post-Modern AP Art History AP Studio Art AP Studio Art - 3-D Design Photography I Photography II Photography I / Photography II Computer Aided Drafting-AutoCAD LT |
| TECHNOLOGY | i-Tech B-Tech Personal Finance | i-Tech B-Tech Personal Finance | i-Tech B-Tech Personal Finance | i-Tech B-Tech Personal Finance |
| ELECTIVES | Students must choose a minimum of three course offerings to fulfill the electives credit | | | |



Curriculum Guide

This Guide will tell you everything you need to know about a course...

Course name → **Introduction to Drawing** → 10, 11, 12 → Who may take this course

Course number → 703 → 1 semester → How long the course runs

Amount of credit → ½ credit → Course description

This course provides an introduction to basic drawing techniques, materials, composition skills and elements of design. Still life and portraiture among the subject matters covered. This course is a required course for those interested in pursuing Painting, Studio Art and AP Studio Art.

Signature Courses

A Signature Course requires your teacher to sign your contract.

Studio Art → 11, 12 → Indicates Signature Course

704 → Signature Course

1 Credit → 2 semesters

This course explores creative problem solving through various fine art media and techniques, including drawing, painting, print making, computer imaging and sculpture. This course requires independent work in sketchbook or journal and long term assignments. Introduction to Drawing and Introduction to painting are prerequisites. This course is targeted for students serious about pursuing art in college and/or as a career choice.

Permit Courses

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

Advanced Placement in Art History → 11, 12 → Indicates Permit Course

701 → Permit Course

1 Credit → 2 semesters

AP exam fee required: Cost to be determined (2014-2015: \$91.00 fee)

This course offers an introduction to major art traditions and historical works of art. Students examine periods and movements of art intelligently, acquainting themselves with the arts of prehistoric and historic peoples in Western and non-Western cultures. Through successful examination, students may qualify for credit and advanced placement in college. Recommended for the college art major. Fulfills the art requirement.

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

Use the **Academic Plan Sheet** on page 7.

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.

2016 Scheduling Calendar

Introduction

- January 13 Curriculum Guide and course registration information
- January 14 Evening Freshman/Sophomore Parent Meeting sponsored by the Counseling Department – Scheduling information will be given to parents of Freshmen and Sophomores in the Auditorium at 7:00 pm and to parents of Juniors in the Dining Hall at 7:00 pm.

Freshmen

- January 20 - 29 Freshman advisory time for course selection; students meet with to select courses, complete contract.
- February 1 & 2 EDLINE entry
- February 3 Freshman contracts due back to level Dean.

Sophomores

- February 1 - 12 Sophomore advisory time for course selection; students meet with counselors and/or deans to select courses, complete contract
- February 15 & 16 EDLINE entry
- February 17 Sophomore contracts due to level Dean.

Juniors

- February 16 - 29 Junior advisory time for course selection; students meet with counselors and/or deans to select courses, complete contract
- March 1 & 2 EDLINE entry
- March 3 Junior contracts due to level Dean.

Incoming Freshmen

- March 5 Incoming Freshman (Class of 2020) 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. Skills of using resource centers are developed by orientations to the Media Center and Mac Lab, which include the Writer's Workbench and Internet technology. **Summer reading required.**

English I

141, 144

1 credit

9

2 semesters

This course focuses on composition skills and introduces the students to the major literary genres of short story, drama, poetry, novel, essay and mythology. In addition to composition skills, grammar and vocabulary are developed throughout the year. The writing process introduces the students to various modes of writing, including a literary analysis paper. Skills of using the resource centers are developed by orientations to the Media Center and Mac Lab, which include the Writer's Workbench and Internet technology. **Summer reading required.**

English II Honors

130

1 credit

10

Signature Course

2 semesters

This World Literature course expands and strengthens the student's composition and analysis skills. Nonfiction, poetry, short story, drama and novels in World Literature are explored and analyzed. Writing requirements include personal, persuasive and literary analysis essays and exercises in MLA style. Vocabulary and grammar are reinforced. **Summer reading required.**

English II

131, 134

1 credit

10

Signature Course

2 semesters

This course continues to develop and expand upon the writing, grammar, vocabulary and research skills learned in freshman year. Nonfiction, poetry, short story, drama and novels in World Literature are explored and analyzed. Writing requirements include various forms of personal and literary analysis essays in MLA style. **Summer reading required.**

Advanced Placement Language and Composition

125

1 credit

11

Signature Course

2 semester

AP Exam Fee Required

St. Mary's University (College Credit is available. See page 6 of this Curriculum Guide.)

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. **Prerequisites are Honors level classes and 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 work toward mastery of appreciation and evaluation of the literary genres as they broaden their knowledge of their American heritage. Writing requirements include personal and literary essays and a research paper in MLA style. Vocabulary and grammar skills are reinforced. **Summer reading required.**

American Studies Honors Interdisciplinary Course, Team-Taught

123/210
2 credits: 1 English, 1 History

11
Signature Course
2 semesters

This double period team-taught course focuses on the study of American history as expressed in its literature. Writing requirements include personal essays, literary analysis and a research paper in MLA style. Composition, vocabulary and grammar skills are reinforced. **Summer reading required. History 210: See Social Science listing.**

English III

121, 122
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. Writing requirements include personal and literary essays and a research paper in MLA style. Composition, vocabulary and grammar skills are reinforced. This course is taught in conjunction with U.S. History 212. **Summer reading required.**

Advanced Placement in Literature and Composition

102
1 credit
AP Exam Fee Required
SXU (College Credit is available. See page 6 of this Curriculum Guide.)
2 semesters

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 (2015-2016: \$60.00 per credit hour), if the student elects to take the college credit. **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

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.**

NEW

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.**

NEW

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 photojournalistic 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 prerequisite for Journalism III Honors.**

NEW

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.**

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

327
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. Topics covered include operations on the real number system, equations and inequalities, linear equations and their graphs, polynomials and quadratic equations. The students are introduced to and use the required TI-84 Plus graphing calculator to support their algebraic work.

Algebra

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.

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

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.

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.

College Algebra and Trigonometry Honors

310
1 credit

10, 11
Signature Course
2 semesters

This course prepares students to study calculus, as it 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 “B” average is required in this course to continue of AP Calculus 300.**

Advanced Algebra

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.

Advanced Algebra

314
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. A TI-84 Plus graphing calculator is required.

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. It covers the concepts, techniques and applications of Limit, Differential Calculus, and Integral Calculus. A TI-84 graphing calculator is required. **Summer work is required.**

Advanced Placement Statistics

326
1 credit

12
Signature Course
2 semesters

SXU (College Credit is available. See page 6 of this Curriculum Guide.)
AP Exam Fee Required

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

Algebra III with an Introduction to Probability and Statistics

336
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

Two courses in Physical Education are required for graduation. All students must take one (1) activity class. The other class may be either an activity or non-activity class.

Activity Classes

Team Sports
Individual Sports
Fitness and Weights
Group Fitness

Non-Activity Classes

Standard First Aid/CPR
Healthy You

Team Sports

9, 10, 11, 12

632

½ credit

1 semester

Aspects of physical fitness and wellness are explored and aerobic activity emphasized. A variety of team sports are included: basketball, volleyball, soccer, floor hockey, softball. Upon completion of this course, students will be familiar with rules, skills and knowledge of various team sports. This course is an **activity** class.

Individual Sports

9, 10, 11, 12

633

½ credit

1 semester

Aspects of physical fitness and wellness are explored and aerobic activity emphasized. A variety of individual sports will be included: badminton, bowling, bean bag, ping pong, tennis, and golf. Upon completion of this course, students will be familiar with rules, skills and knowledge of various individual sports. This course is an **activity** class.

Fitness and Weights

9, 10, 11, 12

650

½ credit

1 semester

This course is for students who have the desire to learn how to use weight-lifting equipment to stay in shape. Use of the weight room equipment and aerobic exercise, along with the development of personal exercise programs, constitutes a majority of the class time. This course is an **activity** class.

Group Fitness

9, 10, 11, 12

635

½ credit

1 semester

This course involves exercising with music designed to improve one's flexibility, strength, muscle tone and cardiovascular fitness. Pilates, yoga, aerobic step, and circuit training are some of the aspects for this course. Upon completion of this course, students can expect to be in better physical condition and be more knowledgeable about lifelong health habits. This course is an **activity** class.

Standard First Aid and CPR

9, 10, 11, 12

643

½ credit

1 semester

Safety techniques and the immediate care of the injured or suddenly ill are taught in this course. Students take practical and written tests for bandaging, wound care, choking, rescue breathing and adult, child, and infant CPR. Students may receive Red Cross Certification for CPR upon successful completion of this course. This course is a **non-activity** class.

Healthy You 9, 10, 11, 12
 651
 ½ credit 1 semester
 This course is for students who desire to gain additional knowledge in nutrition, reduce health risks (alcohol, tobacco, drugs), mental and emotional health, stress, personal care and life learning skills. This course is a **non-activity** class.

Introduction to Athletic Training 12
 641 Permit Course
 ½ credit 1 semester
 This course is designed for students interested in entering the Athletic Training or another medical profession (i.e. physical therapy, occupational therapy, physician assistant, nurse, etc.) Concurrent enrollment in Anatomy and Physiology is strongly recommended. This course will cover basic principles of Kinesiology as well as the prevention, recognition, evaluation and treatment of athletic injuries. This course is an elective and does not fulfill a P. E. requirement.

Performing Arts

Music

Chorus I 9, 10, 11, 12
 808
 1 credit 2 semesters
 This chorus provides students with an opportunity to sing with a large group. 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.

Chorus II 10, 11, 12
 809 Signature Course
 1 credit 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 11, 12
 793 Signature Course
 1 credit 2 semesters
 Considerable additional work to be done outside of class leading to an increased musical proficiency and depth of musical knowledge is required for honors credit. **Prerequisite of Chorus II is required.**

Advanced Chorus 11, 12
 810 Signature Course
 1 credit 2 semesters
 Advanced Chorus is comprised of juniors and seniors and provides students with the opportunity to sing more advanced choral literature, study a higher level of music theory and sing both in school and for special outside performances.
Prerequisite of Chorus II is required.

A Cappella Honors 11, 12
 794 Signature Course
 ½ credit Audition
 Time: Monday & Wednesday – 3:00 to 4:00 p.m. 2 semesters

Considerable additional work to be done outside of class leading to an increased musical proficiency and depth of musical knowledge is required for honors credit.

A Cappella 10, 11, 12
 811 Signature Course
 ½ credit Audition
 Time: Monday & Wednesday – 3:00 to 4:00 p.m. 2 semesters

This is a specialized group concentrating on A Cappella choral literature that demands members who are highly motivated. Membership in a McAuley chorus is required.

Mac Melody 10, 11, 12
 782 Audition
 ½ credit 2 semesters
 Time: Monday & Wednesday – 3:00 to 4:00 p.m.

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 10, 11, 12
 813 Permit Course
 ¼ credit 2 semesters
 Time: Tuesday – 3:00 to 4:00 p.m.

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 2017-2018 school year.**

Vocal Techniques 10, 11, 12
 812
 ¼ credit 2 semesters
 Time: Tuesday – 3:00 to 4:00 p.m.

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 2016-2017 school year.**

Beginning Strings – Violin and Viola 9
 801
 1 credit 2 semesters

Members learn to play an orchestral instrument (violin or viola). It is an expectation upon successful completion of this course that these students continue their music in a performance group. Instrumental choice is determined by availability of instruments. No experience on any instrument is necessary. See Course 814 for Beginning Strings - Cello and Bass.

Beginning Strings – Cello and Bass

9

814

1 credit

2 semesters

Members learn to play an orchestral instrument (cello or bass). It is an expectation upon successful completion of this course that these students continue their music in a performance group. Instrumental choice is determined by availability of instruments. No experience on any instrument is necessary. See Course 801 for Beginning Strings - Violin and Viola.

Intermediate Strings

9, 10, 11, 12

818

Signature Course

1 credit

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.

Symphony Strings Honors

11, 12

796

Signature Course

1 credit

Audition

2 semesters

Considerable additional work to be done outside of class leading to an increased musical proficiency and depth of musical knowledge is required for honors credit.

Symphony Strings

9, 10, 11, 12

819

Signature Course

1 credit

Audition

2 semesters

This is an advanced level string ensemble that forms the body of string instruments for the symphonic orchestra. They will combine with the woodwind, brass and percussion instruments of the Symphony - Chamber Winds ensemble for numerous public performances throughout the school 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.

String Ensemble Honors

11, 12

798

Signature Course

½ credit

Audition

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

2 semesters

Considerable additional work to be done outside of class leading to an increased musical proficiency and depth of musical knowledge is required for honors credit.

String Ensemble

9, 10, 11, 12

805

Signature Course

½ credit

Audition

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

2 semesters

String Ensemble is a performing group of violinists, violists, cellists, bassists and keyboard players who have proficiency on their instruments. This group performs for school and community events. 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

9, 10, 11, 12

790

½ credit

1 semester

This course is designed to afford students an opportunity to explore music as a general cultural subject through a survey of music history and literature, theory, recordings, performances and active participation.

Theatre

Acting I

9, 10, 11, 12

733

½ credit

1 semester

Acting I is a course of study of the elementary principles of acting techniques, including voice control, character development, stage movement, pantomime and improvisation. Presentation of children's shows at the end of each quarter is included.

This course is a prerequisite for Acting II.

Acting II

9, 10, 11, 12

734

½ credit

Signature Course

1 semester

This class is for those students who have a background in theatre and performance. This class goes beyond the basic stage techniques, which students have already mastered, and challenges performance skills with more difficult scene work. Students present a dramatic performance at the end of the semester. Outside rehearsal is required. **Prerequisite of Acting I is required.**

NEW

Acting I / Acting II

9, 10, 11, 12

736

1 credit

2 semesters

Same class description as #733 and #734. Courses will be taken sequentially in the same school year.

Theatre Seminar I Honors

11

738

1 credit

Signature Course

2 semesters

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

Theatre Seminar I

10, 11

728

1 credit

Signature Course

2 semesters

This course is designed for students with a serious interest in theatre. Students study acting technique based on the Stanislavski system and apply the work to a full-length play and a one act performance. All students will have a role on or off stage in the Spring play. Students are given opportunities to hone their skills through practical application and to learn about other areas of theatre production. In addition, students gain valuable knowledge of the literature of theatre and acting theory. Outside rehearsal and performance are required. **Prerequisite of Acting II is required.**

Theatre Seminar II Honors

12

739

1 credit

Signature Course

2 semesters

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

Theatre Seminar II

729

1 credit

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.

Play Production

725

½ credit

9, 10, 11, 12

1 semester

This is a non-acting class which has special interest for students considering Theatre or Radio/TV as a field of concentration. It includes a survey of methods of play production and is divided among theories of stage lighting, sound and make-up and the acquisition of skills in these areas. Stage management, house management and promoting theatre are surveyed. Completion of this class qualifies students for membership on the McAuley Tech Crew. Production work outside of class required.

Children's Theatre

726

½ credit

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

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 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.

Integrated Biology and Art 9

495

2 credits: 1 Biology, ½ Introduction to Drawing, ½ Introduction to Painting

2 semesters

Time: 1 period daily for Biology, plus 1 period daily for Visual Art

This course provides an introduction to basic drawing/painting techniques, materials, composition skills and elements of design integrated with the laboratory biology curriculum. The biology curriculum presents a survey of major aspects of structure, function, evolutionary history, behavior and relationships to the environment by presenting the unity in the diversity of life forms. This course fulfills the freshman biology requirement, as well as the Introduction to Drawing/Painting prerequisite for further art courses.

Chemistry Honors 10

413

1 credit

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, 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 “B” or better in Biology Honors and Algebra Honors is recommended for this course.**

Chemistry

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 or 495.**

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 or Algebra/Trig is highly recommended. **A grade of “C” or better in Chemistry Honors or a teacher recommendation is recommended for this course.**

Physics

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 Advanced Algebra 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

PACC

12

Signature Course

2 semesters

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

12

Signature Course

2 semesters

This introductory engineering class is intended for seniors considering an engineering 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 of Algebra II with a B or better is required, and completion of Physics 400 or 405, or concurrent enrollment is 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

SXU (College Credit is available. See page 6 of this Curriculum Guide.)

AP Exam Fee Required

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

Advanced Placement Chemistry

402

1 credit

SXU (College Credit is available. See page 6 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.**

NEW

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

Permit Course

2 semesters

Students in this course are examining important concepts in World History. These concepts include: Historical Argumentation, Appropriate Use of Relevant Historical Evidence, Chronological Reasoning and Historical Causation, Patterns of Continuity and Change Over Time, and Periodization in addition, the AP World History course develops a critical understanding of the evolution of global processes and contracts, in interaction with different human societies. **English I Honors teacher recommendation is a prerequisite for this course. Summer work is required.**

World History Honors 10
213 Signature Course
1 credit 2 semesters

In this required course, students examine the development of man from his earliest beginnings through the Middle Ages into the modern era. Emphasis is placed on the foundation of our democratic heritage. Students analyze how geography has influenced the development of history, as well as political, social, economic and cultural issues. Students enrolled in World History Honors are required to do more independent and in-depth research. **English I Honors and teacher recommendation are recommended.**

World History 10
214 Signature Course
1 credit 2 semesters

In this required course, students examine the development of man from his earliest beginnings through the Middle Ages into the modern era. Emphasis is placed on the foundation of our democratic heritage. Students analyze how geography has influenced the development of history and investigate and analyze political, social, economic and cultural issues.

World History 10
215 Signature Course
1 credit 2 semesters

This course is a required course. See course description for 214.

Advanced Placement United States History 11
208 Signature Course
1 credit 2 semesters

AP Exam Fee Required

St. Mary's University (College Credit is available. See page 6 of this Curriculum Guide.)

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 11
209 Signature Course
1 credit 2 semesters

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

American Studies Honors Interdisciplinary Course, Team-Taught 11
210, 123 Signature Course
2 credits: 1 History, 1 English 2 semesters

Students in the team-taught, double class period course earn one credit in American History and one credit in English. The focus of American Studies presents themes common to both History and English. Such themes include the concept of the American character and dream, and appreciation of American diversity, the role of reform, politics and economics. Students in American Studies Honors are required to study the United States and Illinois Constitutions. **English 123: See English listing.**

U.S. History 11
 212 Signature Course
 1 credit 2 semesters

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

Advanced Placement U.S. Government and Politics 12
 226 Signature Course
 1 credit 2 semesters
AP Exam Fee Required

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

Economics Honors / America Since 1945 Honors 12
 238, 239 Signature Course
 1 credit 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) 12
 240 Permit Course
 1 credit 2 semesters
 SXU (College Credit is available. See page 6 of this Curriculum Guide.) 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. Pre-requisites 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. Successful completion of this course earns three hours of college credit at Saint Xavier University - EDU 205 for a fee to be determined, if the student elects to take the college credit.

Sociology 12
 237 Signature Course
 ½ credit 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.

Psychology

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

242

½ credit

12

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

010

1 credit

9

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 the theme, *What are you looking for?*

Service: Minimum of 15 hours required.

Prayer: Participation in classroom and school liturgies.

Theology II

020

1 credit

10

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 the theme, *Who do you say that I am?*

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 on the theme, *Go and do likewise*.

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

043

1 credit

12

Permit Course

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

703

½ credit

9, 10, 11, 12

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, Illustration, Studio Art and Advanced Placement Studio Art.**

Introduction to Painting

705

½ credit

9, 10, 11, 12

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 Studio Art or Advanced Placement Studio Art. Introduction to Drawing is a prerequisite.**

Introduction to Drawing/Introduction to Painting

718

1 credit

9, 10, 11, 12

2 semesters

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

Ceramics

706

½ credit

9, 10, 11, 12

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, glazing techniques and introductory wheel throwing. 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 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 clay, paper/paper maché, plaster, wire and other sculpting media to create non-representational, as well as representational works of art. **Ceramics is a prerequisite.**

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.

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 and Digital Animation.**

Integrated Biology and Art 9
495
2 credits - 1 Biology, 1 Introduction to Drawing/Introduction to Painting 2 semesters
Time: 1 period daily for Biology, and 1 period daily for Art

This course provides an introduction to basic drawing techniques, materials, composition skills and elements of design integrated with the laboratory biology curriculum. The biology curriculum presents a survey of aspects of structure, function, evolutionary history, behavior and relationships to the environment by presenting the unity in the diversity of life forms. **This course fulfills the freshman biology requirement, as well as the Introduction to Drawing/Painting prerequisite for further art courses.**

Graphic Design 10, 11, 12
713
½ credit 1 semester

This course is an introduction to the basic concepts of 2-D design. Students will explore visual communication concepts and design principles through creative problem solving. Various graphic design media will be used to develop layout, typography, fashion, package and product design identity. Strong emphasis is placed on utilizing the personal computer as a graphic design tool. This class will be taught in the Mac Lab. Art and Emerging Technology is recommended but not 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 Flash), 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 is a prerequisite.**

Web Page Design

10, 11, 12

712

1 credit

2 semesters

Web Page design involves learning skills and using various software and publishing tools in the Mac lab. Students will design, publish and update their own website using Adobe Creative Suite (Photoshop, Fireworks, Dreamweaver and Flash). Additionally, students will learn how to incorporate graphics, video, animation and text into their site. Art and Emerging Technology is a prerequisite. Digital Animation is recommended but not required. Graphic Design is also recommended but not required.

Illustration

10, 11, 12

700

½ credit

1 semester

This course is open to sophomore, junior and senior students pursuing further study in art. Illustration is a continuation of Introduction to Drawing, providing more in-depth study of media and techniques. Drawing II is designed to engage students in higher level thinking skills through creative problem solving and personal expressions. Students will explore: scientific illustration, book illustration, editorial illustration, and fashion illustration through the use of color pencil rendering, pen and ink, digital imaging and marker rendering. **Illustration is strongly encouraged for students interested in taking Studio Art and Advanced Placement Studio Art. Introduction to Drawing is a prerequisite.**

NEW

Journalism III Honors

11, 12

116

English Teacher Signature Required

1 credit: ½ English, ½ Art

2 semesters

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

NEW

Journalism II Honors

11, 12

117

English Teacher Signature Required

1 credit: ½ English, ½ Art

2 semesters

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

- select and develop appropriate themes for “In-School” publications through peer collaboration
- recognize and demonstrate the elements of a newspaper/yearbook layout
- apply photojournalistic 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 prerequisite for Journalism III Honors.**

NEW

Journalism

10, 11

115

1 credit: ½ English, ½ Art

2 semesters

Journalism is an interdisciplinary, Art/English elective course in which students spend one semester learning the basics of journalism and one semester learning photo journalism, design and layout. Students will learn how to research information, and write and edit stories in AP style. In addition, students will learn InDesign, Photoshop and eDesign software. 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.**

Art History – Pre-Historic to the Renaissance

11, 12

741

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 Pre-Historic to the Renaissance 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.

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

10, 11, 12

704

Signature Course

1 credit

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 and Introduction to 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 is a prerequisite 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 is a prerequisite.** Extra time and effort is expected of the student.

NEW

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

Permit signed by Dean

1 credit

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

11, 12

701

Permit Course

1 credit

2 semesters

AP Exam Fee Required

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

Advanced Placement Studio Art

11, 12

716

Signature Course

1 credit

2 semesters

AP Exam Fee Required

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 and Introduction to Painting and Studio Art are prerequisites. Students are required to submit an Advanced Placement portfolio at the end of the course.**

Advanced Placement Studio Art 3-D Design

11, 12

740

Signature Course

1 credit

2 semesters

AP Exam Fee Required

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. **Both Ceramics and Sculpture are prerequisites.**

Visual Arts & Technology

Technology

i-Tech

9, 10, 11, 12

602

½ credit

1 Semester

This course is designed to provide students with basic iPad, computer, and technology skills necessary for high school, college, and beyond. Students will explore computing basics, iOS-based educational apps, Google Docs, Word, Excel, PowerPoint, Skype, Blackboard, and Face Time. Students will learn information security/safety in addition to scholarly use of the Internet. Hands-on experience will be provided through the use of appropriate, instructional technologies in conjunction with project-based learning. **This course fulfills the technology graduation requirement for the Class of 2017, 2018, and 2019.**

B-Tech (*Business Technology*)

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 create Word documents, Excel spreadsheets, Publisher, and PowerPoint presentations. 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 course develops personal financial literacy by exploring an individual's role in the economy, as a global citizen, as a consumer, and as a productive worker. This course focuses on money management, budgeting, buying goods and services, banking, investments, credit, loans, insurance, living expenses and taxes.

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.

French I

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 Honors510
1 credit10, 12
Signature Course
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.

French II511
1 credit10, 12
Signature Course
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 Honors505
1 credit11
Signature Course
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. Enrollment is limited to those students who have completed two years of study in the Honors program.

French III506
1 credit11
Signature Course
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 French500
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 iPod labs. 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 IV501
1 credit12
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 9, 11
 535
 1 credit 2 semesters

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

Spanish I 9, 11
 536
 1 credit 2 semesters

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

Spanish I 9, 11
 538
 1 credit 2 semesters

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

Spanish II Honors 10, 12
 530 Signature Course
 1 credit 2 semesters

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

Spanish II 10, 12
 531 Signature Course
 1 credit 2 semesters

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

Spanish II 10, 12
 533 Signature Course
 1 credit 2 semesters

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

Spanish III Honors 11
 525 Signature Course
 1 credit 2 semesters

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

Spanish III 11
 526 Signature Course
 1 credit 2 semesters

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

Spanish III 11
 527 Signature Course
 1 credit 2 semesters

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

Advanced Placement Spanish 12
 519 Signature Course
 1 credit 2 semesters

SXU (College Credit is available. See page 6 of this Curriculum Guide.)
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 12
 520 Signature Course
 1 credit 2 semesters

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

Spanish IV 12
 521 Signature Course
 1 credit 2 semesters

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

Spanish IV 12
 522 Signature Course
 1 credit 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.

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.

Latin II

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, 12
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.**

Latin IV - Virgil Honors

540

1 credit

11, 12

Signature Course

2 semesters

This course is a reading of *Virgil's Aeneid* and *Caesar's Gallic War* as literature; however, vocabulary, grammar and syntax are enlarged upon as the text requires. Virgil's mastery of language, literary techniques and portrayal of human emotions are studied in detail. The *Aeneid* stimulates discussion of poetry and its purpose, the epic form, literary traditions, Roman philosophy and Virgil's influence through the ages. *Caesar's Gallic War* stimulates discussion of prose and the politics and history of the Roman Republic.

Greek and Latin Terms

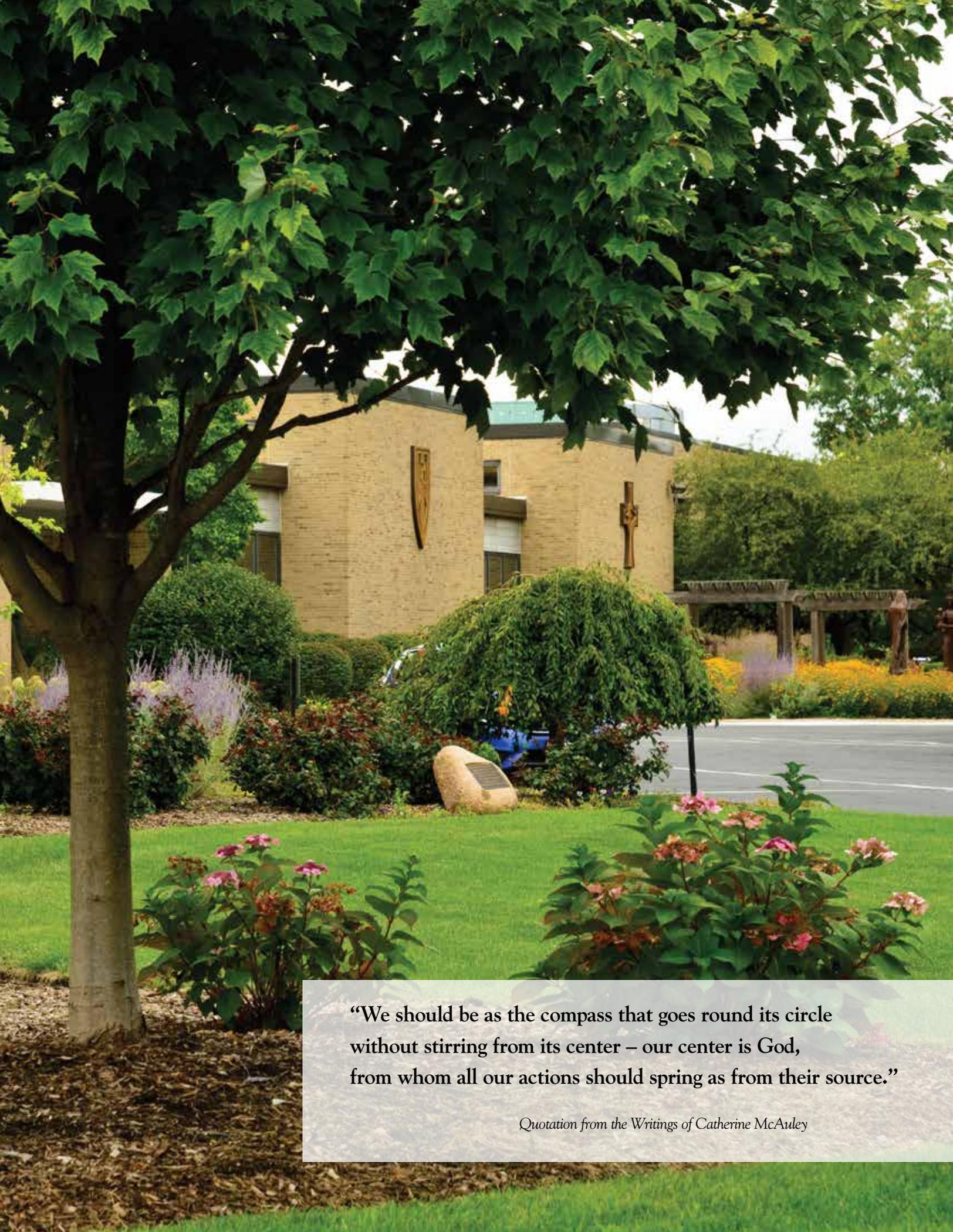
560

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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