



Curriculum Guide and Course Descriptions

2024 – 2025

MERCY HIGH SCHOOL

To: Students and Parents/Guardians of the Class of 2025, 2026, 2027:
From: Mrs. Melissa Bullock, Principal of Academics and Technology
Re: Course Selection Process 2024-2025
Date: February 25, 2024

Scheduling for the 2024-2025 school year has begun at Mercy High School.

This week our school counselors will meet with the classes of 2025, 2026, and 2027 to review the course selection process for the 2024-2025 school year. These meetings with each class will take place during the activity period in the auditorium on the following days: February 28 - Juniors, February 29 – Sophomores, March 1 – Freshwomen.

Each grade level will receive their **Course Selection** form that lists the choices available for classes in each subject area. Each student will receive two copies of the course selection form for their grade level. One copy is just for practice and student notes. The other copy is the final copy to be signed by the student and her parent(s) and submitted to the School Counseling office by March 15, 2024.

Teachers will schedule class time to review the options available to students in their subject area and to share their recommendations for the appropriate course and level to pursue next year. Students will mark their course selections on their **Course Selection** form. Additional copies of the course selection form are available in the School Counseling Office.

It is assumed that students will stay at their current level of study. If a student wishes to move up a level in a subject area, she will speak with her current teacher in that subject and request that they approve the move to a higher level by signing her “**Move Up**” form.

The **Move-Up** form can be found in the following places: in the next few pages of this book, in Resource Documents on the FACTS Portal, and in the School Counseling Office. Students will submit their Course Selection form and their Move Up form to their school counselors by Friday, March 15.

If a parent/guardian disagrees with the level recommended for a particular subject, they may consider the Course Override Process and begin by communicating (in-person/phone/email) with the school counselor and the current Mercy academic teacher as to the advisability of a course or level change. If, after the discussion, they ultimately decide to pursue a Course Override, they will need to complete a **Course Override** form.

The **Course Override** form can be found in the Resource Documents on the FACTS Portal, and in the School Counseling Office. The Deadline to submit a Course Override form is Wednesday, March 20, 2024. Upon receipt of the Course Override form, the course selection will be reviewed by Mrs. Bullock.

In April, each student will receive a list of her requested courses for the 2024-2025 school year.

MERCY HIGH SCHOOL

MOVE UP FORM

Move Up to Next Level for the 2024-2025 School Year

Student _____ Counselor _____

Year of Graduation _____

I would like to move up to the next level in the following classes.
I have talked to my teacher(s), and they have given their approval.

Name of Course

Teacher Signature

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Parent/Guardian Signature

Date

Please return this form to your Counselor with your Course Selection Sheet by March 15, 2024.

MISSION STATEMENT

Mercy High School provides a challenging college preparatory academic experience with a strong foundation of Catholic teachings, and traditions and values of the Sisters of Mercy, in a safe and nurturing environment that promotes service, confidence, ethical leadership and respect, encouraging each student to flourish individually while rooted in community.

GRADUATION REQUIREMENTS

All students must complete at least 25 credits for graduation. In addition to credits earned in religious studies, all Mercy students are expected to complete the following:

English: a minimum of 4 credits

Mathematics: a minimum of 3 credits

Science: a minimum of 3 credits

Social Studies: a minimum of 3 credits

Social Studies credits include 1 credit in

U.S. History and 0.5 credit in civics/government.

World Language: a minimum of 2 credits

Technology: a minimum of 0.5 credit

Physical Education/Health: a minimum of 1 credit

All students must also fulfill the required service hours in order to graduate. Seniors must pass all courses during senior year to receive a diploma from Mercy High School.

All freshmen take a minimum of 6.5 credits. Sophomores take a minimum of 6.5 credits. Juniors take a minimum of 6.5 credits, and Seniors take a minimum of 5.5 credits.

Students may select additional elective course(s) for a maximum of seven credits for the regular academic year. These additional electives will be scheduled as class size and available periods permit. **Mercy High School reserves the right to cancel any course for which there is insufficient enrollment or any other program-related difficulty.** In this case the student will be notified and given the chance to choose another course.

COURSE SELECTION GUIDELINES

The course descriptions in this booklet are intended to provide students and their parents with information that will help them to make wise choices in planning a four-year sequence of high school courses. Mercy High School offers an academic program, which serves to prepare the student for post-secondary education and/or employment. In addition to subjects that are required for graduation, Mercy offers many electives appropriate to individual interest and specific college and career decisions.

Students should consult with their present teachers, department chairpersons, school counselors and parents for any help they need in making a final course selection for the next academic year. Placement in a particular class or level depends on past performance and the recommendation of the student's teacher and school counselor. The final decision rests with the Principal of Academics and Technology.

After September 13, no student may withdraw from a course or change her schedule without the express permission of the Principal of Academics and Technology after consultation with the student's teacher, parents, and counselor. A student who withdraws from a course after the end of the first quarter will receive a **W (withdrawn)** in that course. No student may withdraw from a semester two course after January 31.

Students are reminded that although admission requirements to specific programs at colleges may differ widely, certain basic requirements are usually common to all. Mercy strongly recommends to the college-bound student:

4 years of Theology (required)

4 years of English (required)

4 years of Mathematics

3-4 years of Science

3-4 years of a World Language

(Spanish, French, Italian)

3-4 years of Social Studies

½-1 year of Technology

1 year of Fine Arts

1 year of Physical Education/Health

Students may choose to take additional courses in any of the following areas: English, World Language, Mathematics, Science, Social Studies, Fine Arts, Technology and Business.

TEXTBOOKS AND FEES

Textbook information and student course selection lists will be distributed in May. Students will use their course lists to order textbooks online during the summer. There will be a link to the online bookstore at www.mercyhigh.com. Some courses have books or magazines that are received in class. These books, magazines, etc. are included in the course fees listed in this book. Advanced placement courses have a fee for the AP exam. Other course fees are indicated for materials used in science and fine arts classes.

ADVANCED PLACEMENT COURSES

Advanced Placement courses are offered in Psychology, World History: Modern, U.S. History, European History, U.S. Government, English Language and Composition, English Literature and Composition, Spanish 5, French 5, Statistics, Calculus, Biology, Chemistry, Physics-1, Physics-2, Capstone Seminar, Capstone Research, Computer Science A and Computer Science Principles. Sophomores, juniors, and seniors with superior academic ability may earn college credit for courses taken in the advanced placement program.

AP courses are taught at the college level and use college textbooks. Books for these courses tend to cost more than textbooks for regular high school courses. AP exams are given in May.

AP CAPSTONE

AP Capstone™ is a College Board program that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

The two AP Capstone courses, with their associated performance tasks, assessments, and application of research methodology, require students to:

- Analyze topics through multiple lenses to construct meaning or gain understanding.
- Plan and conduct a study or investigation.
- Propose solutions to real-world problems.
- Plan and produce communication in various forms.
- Collaborate to solve a problem.
- Integrate, synthesize, and make cross-curricular connections.

ONLINE/BLENDED COURSES

Some courses are available online during the 2024-2025 academic year and/or during the summer of 2024. Fees associated with the online courses help to pay for course access at Mercy Learning Online and Code HS.

UCONN EARLY COLLEGE EXPERIENCE

UConn Early College Experience Program (ECE) provides academically motivated students with the opportunity to take university courses while still in high school. These challenging courses allow students to preview college work, build confidence in their readiness for college, and earn college credits that provide both an academic and a financial head-start on a college degree.

UConn ECE instructors, who are high school teachers certified as adjunct professors by UConn faculty, create a classroom environment fostering independent learning, creativity, and critical thinking — all pivotal for success in college. To support rigorous learning, University of Connecticut library resources are available to all UConn ECE students.

UConn ECE students must successfully complete the course with a grade of C or above to receive university credit. University credits are highly transferable to other colleges and universities. Students are charged a \$50 per credit fee plus a non-refundable administration fee of \$25. For additional program information visit: www.ece.uconn.edu.

POST UNIVERSITY- DUAL ENROLLMENT

Post University's High School Academy provides high school students with the opportunity to enroll in undergraduate college courses and earn valuable college credit—while they are still in high school. In these university-level courses, students enhance their academic knowledge through the experience and rigor of a college course, interact with Post University faculty, and get a head start exploring fields of interest.

Unlike AP credit classes, credit earned with a passing grade through High School Academy classes is applicable to a degree or certificate program at Post University. Transferring credit to other institutions is always the sole decision of the receiving institution. High School Academy students will have access to the support and resources available to all Post students, including tech support, academic advising, and 24/7 tutoring services.

Mercy High School offers in-person and online classes through Post University as a **dual enrollment** option during a student's academic day at Mercy. Each course will equate to Mercy's 0.5 credit for a semester class and three credits from Post University simultaneously. Post offers Mercy students a reduced fee of \$300 per course. This fee includes all course materials.

Some courses will be offered as a one semester, 16-week, in-person class taught by a Post approved Mercy High teacher during a regular scheduled period at Mercy. Other courses will be offered as an 8-week accelerated online class during a singularly scheduled period that will allow for students to enroll in any of the course offerings with the assistance of a Post professor and under the guidance of a Mercy teacher responsible for facilitating the course.

COURSE LEVELS

There are three ability levels for the academic program for students:

College Prep
Advanced College Prep
Honors

The level at which the course is taught includes:

- the pace, or how rapidly the course is taught.
- the amount of material covered.
- the depth of material which is taught.
- the difficulty of the textbook
- the amount of independent study required.

COL College Prep Courses challenge students to achieve subject mastery and are designed to prepare students for attendance at a four-year college.

ADV Advanced College Prep Courses provide demanding expectations for students with average to above-average abilities.

H Honors Courses provide opportunities for the student with superior abilities. Students are challenged with rigorous expectations.

AP Advanced Placement Courses are available to sophomores, juniors, and seniors with superior academic ability. Students may earn college credit for courses in the AP program.

ECE UCONN Early College Experience Courses provide academically motivated students with the opportunity to take university courses while still in high school. Students may earn college credit for courses in the UConn ECE program.

DE Post University's Dual Enrollment program, High School Academy, provides high school students with the opportunity to enroll in undergraduate college courses and earn valuable college credit – while they are still in high school.

COURSE LEVELS

COL College Prep
ADV Advanced College Prep
H Honors
AP Advanced Placement
ECE Early College Experience - UCONN
DE Dual Enrollment – Post University

GRADING SYSTEM

Mercy High School uses a weighted Grade Point Average (GPA) based on a 4.0 scale. The weighted GPA considers the fact that more advanced courses earn more quality points for a grade than the same grade in a less difficult course. Each numeric grade is assigned quality points adjusted according to the level of the course and the credit earned. The cumulative GPA is calculated at the end of each academic year.

The following scales apply to **one credit** courses. To compute points for 0.5 credit courses, multiply by 0.5.

GRADES		COURSE LEVELS			
		AP/DE ECE	H	ADV	COL
Grade Equiv.	Numerical Grade	Qual. Point	Qual. Point	Qual. Point	Qual. Point
A+	97-100	5.00	4.65	4.33	4.00
A	93-96	4.65	4.35	4.00	3.67
A-	90-92	4.35	4.05	3.67	3.33
B+	87-89	4.10	3.80	3.33	3.00
B	83-86	3.75	3.45	3.00	2.67
B-	80-82	3.45	3.15	2.67	2.33
C+	77-79	3.25	2.95	2.33	2.00
C	73-76	2.95	2.65	2.00	1.67
C-	70-72	2.60	2.30	1.67	1.33
D+	67-69	2.30	2.00	1.33	1.00
D	65-66	2.00	1.75	1.00	0.67
F	Below 65	0.00	0.00	0.00	0.00

Unleveled courses are offered in Visual Arts, SAT Prep, and Academic Support. These courses do not count toward the GPA.

CURRICULUM OFFERINGS

UNLEVELED COURSES

Basic Art, Ceramics 1, Ceramics 2, Drawing & Design, Watercolor, Studio Art, SAT Prep, Academic Support.

COLLEGE PREP COURSES

Algebra 1, Geometry, Algebra 2, Spanish 3C, 3D.

ADVANCED COLLEGE PREP COURSES

Theology 1, 2, 3, 4; English 1, 2, 3, 4; Creative Writing, Publishing, Dystopian Literature, Acting 1, World History, The 20th Century, Civics, Global Affairs, U.S. History, Psychology, Sociology, Economics, Italian 1,2, Italian Language & Culture, Italian Literature; French 1,2,3,4; Spanish 1, 2, 3, 4, Algebra 1, Geometry, Algebra 2, Pre-Calculus, Statistics, Biology, Chemistry, Conceptual Chemistry, Physics, Conceptual Physics, Neuroscience, Astronomy & Cosmology, Health, Scientific Illustration, Biogeography 1, 2; Fitness, Tech Fundamentals, Design Principles & Photoshop, Digital Marketing, Business & Personal Finance, Concert Choir, Orchestra, Beginner Guitar, Guitar 2, Fundamental Piano, Piano 2, Music Production.

HONORS COURSES

English 1, 2, 3, 4; Creative Writing, Dystopian Literature, Publishing, World History, The 20th Century, U.S. History, Civics, Intro to Law, Sociology, Psychology, African American/Black & Latino Studies. French 1,2,3,4,5; Spanish 1,2,3,4; Italian 1,2, Italian Language & Culture, Italian Literature; Algebra 1, Geometry, Algebra 2, Pre-Calculus, Calculus, Anatomy & Physiology, Biology, Chemistry, Physics, Neuroscience, Current Issues in Science, Chamber Choir, Orchestra, Intro to Computer Science, Design Principles & Premier, Video Game Design, Data Science with Python

ADVANCED PLACEMENT COURSES

English Language & Composition, English Literature & Composition, Capstone Seminar, Capstone Research, World History:Modern, U.S. History, U.S. Government, European History, Psychology, Spanish 5, French 5, Statistics, Calculus, Computer Science Principles, Biology, Chemistry, Physics 1, Physics 2, Computer Science A.

EARLY COLLEGE EXPERIENCE PROGRAM

University of Connecticut - ECE

U.S. History, Modern Western Traditions, Spanish 5
European History, U.S. Government, Statistics

DUAL ENROLLMENT

Post University – High School Academy

Principles of Management
Foundations of Leadership
Foundations of Sport Management

POST UNIVERSITY – ONLINE COURSES

College Success Seminar
College Writing
Digital Skills for College and Career
Introduction to Communication
Financial Accounting
Managerial Accounting
Principles of Finance
Principles of Marketing
Introduction to Criminal Justice
Forensic Science 1
Emerg. Management/Homeland Security
Introduction to Law
Nutrition
Exploring the Equine Industry
Essentials of Early Childhood Studies

MERCY EXTRA-CURRICULAR COURSES

Robotics, Mock Trial

MERCY ONLINE SUMMER COURSES

American Government, Anatomy, Art History, Astronomy & Cosmology, Creative Writing, Digital Marketing, Economics, Fitness, Global Affairs, Health, Intro to Psychology, Speech, Street Law

MERCY HIGH SUMMER COURSES

Tech Fundamentals, AP Skills Prep, Mercy Advantage,

FRESHWOMAN CURRICULUM

Freshwomen are required to take a minimum of 6.5 credits. In addition to the following required courses (6.0 credits), Students may select additional elective course(s) for a maximum of 7 credits.

Subject Area	Course	Credits
Theology	Theology 1	1.0
English	English 1	1.0
Social Studies	World History	1.0
Mathematics	Algebra 1/Geometry	1.0
Science	Biology	1.0
World Language	Span./French/Ital.	1.0
Required Courses		6.0

Freshwomen may select one of the following:
 one 1.0 credit elective course or
 two 0.5 credit elective courses
 or one 0.5 credit elective course and a study hall.

Full Year Elective Courses – 1.0 credit

Concert Choir, Orchestra

Semester Elective Courses – 0.5 credit

Tech Fundamentals, Health, Concert Choir, Orchestra, Creative Writing H, Creative Writing Adv, Basic Art, Watercolor, Drawing & Design, Beginner Guitar, Guitar 2, Fundamental Piano, Piano 2, Intro to Computer Science H, Design Principles & Photoshop Adv.

Freshwomen who have 6.5 credits may select a one-semester Study Hall for (0.0 credits).

Academic Support (1.0 credit) is open to select students.

Incoming freshwomen may take the following courses in Summer 2024.

Tech Fundamentals
 Mercy Advantage

See page 41.

SOPHOMORE CURRICULUM

Sophomores are required to take a minimum of 6.5 credits. In addition to the following required courses (5.0 credits), Students may select additional elective course(s) for a maximum of 7 credits.

Subject Area	Course	Credits
Theology	Theology 2	1.0
English	English 2	1.0
Mathematics	Geometry/Algebra 2	1.0
Science	Chemistry/Biology	1.0
World Language	Span./French/Ital.	1.0
Required Courses		5.0

Sophomores must select at least 1.5 credits in electives. They may select up to 2.0 credits in additional electives.

Graduation Requirements

Social Studies: a minimum of 3 credits
 Social Studies credits include 1.0 credit in U.S. History and 0.5 credit in civics/government.
 Technology: a minimum of 0.5 credit
 PE/Health: a minimum of 1.0 credit
 PE/Health credits include 0.5 credit in Health and 0.5 credit in Sports, Fitness or Fitness Program

Algebra 2 H may be taken concurrently with Geometry H.

Sophomores who have 6.5 credits may select a one-semester Study Hall for (0.0 credits).

Academic Support (1.0 credit) is open to select students.

See **Mercy High School - Course Offerings 2024-2025** for a complete list of courses.

Additional elective courses can be taken in the summer. See pages 39-41.

JUNIOR CURRICULUM

Juniors are required to take a minimum of 6.5 credits. In addition to the following required courses (5.0 credits), Students may select additional elective course(s) for a maximum of 7 credits.

Subject Area	Course	Credits
Theology	Theology 3	1.0
English	English 3 / Eng. Lang AP	1.0
Mathematics	Algebra 2/Pre-Calc.	1.0
Social Studies	U.S. History	1.0
Science	Physics/Chem/Chem AP	1.0
Required Courses		5.0

Juniors must select at least 1.5 credits in electives. They may select up to 2.0 credits in additional electives.

Mercy strongly recommends to the college bound student:

- Mathematics: 4 credits
- Science: 3-4 credits
- World Language: 3-4 credits
- Social Studies: 3-4 credits
 - Includes 0.5 credit in Civics/Gov (required)
- Fine Arts: 1.0 credit
- Technology: 0.5 – 1.0 credit
- PE/Health: a minimum of 1.0 credit
 - PE/Health credits include 0.5 credit in Health and 0.5 credit in Sports, Fitness or Fitness Program

Juniors who have 6.5 credits may select a one-semester Study Hall for (0.0 credits).

See **Mercy High School - Course Offerings 2024-2025** for a complete list of courses.

Additional elective courses can be taken in the summer. See pages 39-41.

SENIOR CURRICULUM

Seniors are required to take a minimum of 5.5 credits. In addition to the following required courses (2.0 credits), Students may select additional elective course(s) for a maximum of 7 credits.

Subject Area	Course	Credits
Theology	Theology 4	1.0
English	English 4 / Eng. Lit AP	1.0
Required Courses		2.0

Seniors must select at least 3.5 credits in electives. They may select up to 5.0 credits in additional electives.

Mercy strongly recommends to the college bound student:

- Mathematics: 4 credits
- Science: 3-4 credits
- World Language: 3-4 credits
- Social Studies: 3-4 credits
 - Includes 0.5 credit in Civics/Gov (required)
- Fine Arts: 1.0 credit
- Technology: 0.5 – 1.0 credit
- PE/Health: a minimum of 1.0 credit
 - PE/Health credits include 0.5 credit in Health and 0.5 credit in Sports, Fitness or Fitness Program

Seniors are required to take a minimum of 5.5 credits. Seniors who have fewer than 7.0 credits may select one-semester/full-year Study Hall(s) for (0.0 credits).

See **Mercy High School - Course Offerings 2024-2025** for a complete list of courses.

Additional elective courses can be taken in the summer. See pages 39-41.

THEOLOGY

#0015 CATHOLIC CHRISTIANITY - ADV

Level: Advanced College Prep Credit: 1
Required of: Freshwomen

Understanding Catholic Christianity

The **Freshwoman Theology** course gives students from diverse religious and spiritual upbringings and backgrounds an understanding of the basics of the Catholic faith. Freshwomen begin to develop a unique and personal relationship with their God. This course helps students learn, appreciate, and actively participate in the Mercy traditions which are at the core of the Mercy High School community. The Freshwomen, being equipped with a basic knowledge of Catholicism, will be better able to comprehend and learn about the nonphysical and nonmaterial aspects of human life and faith in the Mercy community. These include sacramental celebrations, the liturgical year, moral and justice-oriented practices, prayer, and retreat day. In this course, freshwomen relate today's issues to what they are learning, and they build good character and develop Christian life skills.

#0025 CHRISTIAN MORALITY - ADV

Level: Advanced College Prep Credit: 1
Required of: Sophomores

Morality - A Response to God's Love

The **Sophomore Theology** course leads students toward a deeper understanding of Christian morality and provides the foundation for living an authentic moral life. Students explore God's plan for their salvation, and how they have the freedom to choose goodness and union with God and one another or choose evil and separation. The course helps students become aware of their responsibility to develop an informed conscience and attitudes about morality and decision making. Students explore the deeper meaning of the Ten Commandments and the Beatitudes. They learn the essential steps to living a Christian moral life and building moral character. The course also helps students to develop a more mature appreciation and insight into the meaning of prayer in their lives and how to integrate prayer into their moral decision-making process.

#0035 CATHOLIC SOCIAL TEACHING - ADV

Level: Advanced College Prep Credit: 1
Required of: Juniors

Living Justice and Peace

The **Junior Theology** course focuses on the core concepts of Catholic Social Teaching and incorporates the Critical Concerns and Core Values of the Sisters of Mercy. These teachings are approached in a modern and meaningful way for students of every background and experience. The students will encounter active learning, rooted in current examples, which will inspire them to work for justice, live in peace, and understand the importance of Catholic Social teaching.

This course seeks to form the students who not only know how the Scriptures and Catholic social teaching call them to justice but also possess the ability and desire to respond to that call in their daily lives so that they act for justice and peace in the world around them.

#0045 WORLD RELIGIONS - ADV

Level: Advanced College Prep Credit: 1
Required of: Seniors

Exploring the Religions of the World

The **Senior Theology** course is a response to the document *Nostra Aetate (In Our Time)*, which calls us to have a mutual understanding between Catholics and other religious traditions. This course strives to be as balanced as possible, asking students to listen to the voices of those from other faiths. Students study the major world religions: Judaism, Christianity, Islam, Hinduism, and Buddhism. They have an opportunity to explore religious traditions and practices other than Catholic Christianity, as well as a response to the Church's call to respect what is true and holy in other religious traditions. Students engage in dialogue and collaboration with other students, experience several types of assessments, and complete a Senior project, trying to bring each of the religious traditions more to life for them.

SERVICE PROGRAM

MERCY SERVICE PROGRAM

The service program at Mercy seeks to have students “go out into the community” as Catherine McAuley did, to help those who are in need: children, the poor, the elderly, the abused, the homeless, those whose rights have been compromised, etc. The Mercy service program encourages students to make volunteerism a part of their ongoing lifestyle, not only because it transforms society, but because it enriches and nourishes their spirits.

The number of total hours of community service required for graduation is 100 hours. Each student is strongly encouraged to complete a minimum of 25 hours of community service each year. Students must complete their service hours by the date stated on the school calendar. This date will be given to them at the beginning of the school year by their Theology teacher. Transfer students, upon entrance into Mercy, will meet with the Campus Minister to discuss their involvement in the service program and to receive training in the X2VOL program.

Service may be completed by a student after school hours, on weekends, during the summer or during vacations. Students are not permitted to take time from the school day to complete their community service. The student’s Theology teacher or the Campus Minister has the final approval or denial of the community service hours that have been submitted by the student.

Mercy High School uses an online program called **X2VOL** for tracking and reporting service hours. This program eliminates the need for paper forms and centralizes all service hour information. **X2VOL** enables students to enter their community service hours online at any time, check for any volunteer opportunities that have been posted, receive reminders about different projects, and print their service hour log for their college applications. Students access the X2VOL program through their Naviance Family Connection <http://connection.naviance.com/mhset>.

AP CAPSTONE

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The two AP Capstone courses, with their associated performance tasks, assessments, and application of research methodology, require students to:

- Analyze topics through multiple lenses to construct meaning or gain understanding.
- Plan and conduct a study or investigation.
- Propose solutions to real-world problems.
- Plan and produce communication in various forms.
- Collaborate to solve a problem.
- Integrate, synthesize, and make cross-curricular connections.

#0079 CAPSTONE SEMINAR - AP

Level: Advanced Placement Credit: 1
 Open to: Select Juniors
 Prerequisite: English 2 H;
 Recommendation of World History AP teacher or
 English 2 H teacher

Fee: \$150 – Seminar fee (includes AP exam)

In this yearlong course, students develop and strengthen analytic and inquiry skills, exploring two to four relevant issues chosen by the student and/or teacher. For example, students might explore the question of whether national security is more important than a citizen’s right to privacy, or whether genetic engineering is a benefit to society.

Using an inquiry framework, students practice reading and analyzing articles; research studies; foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to consider an issue from multiple perspectives, evaluate the strength of an argument, and make logical, fact-based decisions. Students question, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. After taking the AP Capstone Seminar, students will have the opportunity to further hone their inquiry and analytical writing skills in AP Capstone Research.

#0089 CAPSTONE RESEARCH - AP

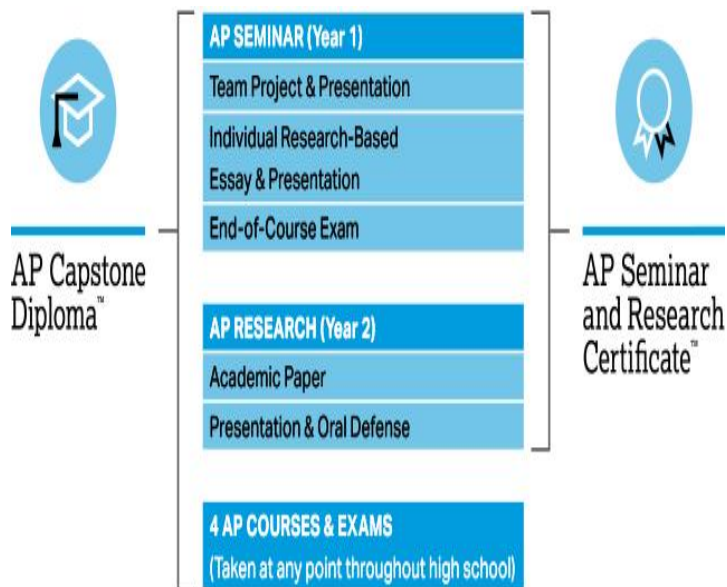
Level: Advanced Placement Credit: 1
 Open to: Select Seniors
 Prerequisite: AP Capstone Seminar
 Recommendation of AP Capstone teacher

Fee: \$150 – Seminar fee (includes AP exam)

AP Capstone Research allows students to design, plan, and conduct a yearlong research-based investigation on a topic of individual interest, documenting their process with a portfolio. This allows students to demonstrate the ability to apply scholarly understanding to real-world problems and issues.

Students further the skills developed in AP Capstone Seminar by learning how to understand research methodology, employ ethical research practices, and access, analyze, and synthesize information to build, present, and defend an argument. Students may choose to do one of the following:

- Dig deeper into a topic studied in an AP course.
- Work across academic areas with an interdisciplinary topic.
- Study a new area of interest, perhaps one for further study at the college level.



<https://advancesinap.collegeboard.org/ap-capstone/how-ap-capstone-works>

ENGLISH

#0141 ENGLISH 4 - H

Level: Honors

Credit: 1

Required of: Seniors

Prerequisite: Recommendation of present English teacher

Students read and respond to historically or culturally significant works of literature that reflect and enhance their studies of various cultures from around the world. This class focuses on those who fall outside the "mainstream" of categories and teaches students to analyze and interpret relevant literary works.

#0142 ENGLISH 4 - ADV

Level: Advanced College Prep

Credit: 1

Required of: Seniors

Students read and respond to historically or culturally significant works of literature that reflect and enhance their studies of various cultures from around the world. This class focuses on those who fall outside the "mainstream" of categories and teaches students to analyze and interpret relevant literary works.

#0149 ENGLISH LITERATURE - AP

Level: Advanced Placement

Credit: 1

Open to: Select Seniors

Prerequisite: English 3 H or English Language AP and Recommendation of present English teacher

Fee: \$150 – Course fee (includes AP exam)

Through the study of selected works of merit recommended by the Advanced Placement College Board, students develop their abilities to read deeply and closely, to think analytically, and to articulate and support ideas clearly in both class discussions and in numerous papers. Texts read in this course span the centuries from ancient to modern and include works of prose, poetry, and drama. Students take the AP English Literature and Composition exam in May.

#0161 PUBLISHING H

Level: Honors

Credit: 1

Open to: Seniors

Publishing is a class that is open to seniors that creates the school newspaper, *The Tiger Times*, and *Epoch*, the Mercy yearbook. The course is geared toward students interested in writing, photography, graphic design, layout, and illustration. While working on the newspaper, students will explore genres such as Top Ten Lists, Personality Quizzes, traditional hard news reporting, music, and movie reviews, and more. Students in publishing are also official members of the Yearbook Club, where roles vary. Students may be photographers, page designers, proof editors, etc. Throughout the year the class works to offer journalistic coverage that captures and celebrates student life at Mercy.

#0171 DYSTOPIAN LITERATURE - H

Level: Honors

Credit: 0.5

Open to: Sophomores, Juniors, and Seniors (*One Semester*)

Students in this class read classic and modern dystopian literature. The class focuses on analyzing elements of dystopian societies and understanding them in relation to their own world. Students will come to understand the political systems at play in dystopian societies and the impact they have on their citizens. Titles include Ayn Rand's *Anthem*, Suzanne Collins' *The Hunger Games*, and more.

#0172 DYSTOPIAN LITERATURE - ADV

Level: Advanced College Prep

Credit: 0.5

Open to: Sophomores, Juniors, and Seniors (*One Semester*)

Students in this class read classic and modern dystopian literature. The class focuses on analyzing elements of dystopian societies and understanding them in relation to their own world. Students will come to understand the political systems at play in dystopian societies and the impact they have on their citizens. Titles include Ayn Rand's *Anthem*, Suzanne Collins' *The Hunger Games*, and more.

ENGLISH

#0176 CREATIVE WRITING H

Level: Honors Credit: 0.5
Open to: All Students (*One Semester*)

This one semester course helps students to understand and practice the creative writing process, beginning with the prewriting stage and moving through the refining (revising and editing) period before celebrating a “completed” product. Students write in a variety of genres, including poetry, short fiction, and creative non-fiction whilst keeping a journal and examining other authors’ works. This is a writing intensive elective.

#0177 CREATIVE WRITING ADV

Level: Advanced College Prep Credit: 0.5
Open to: All Students (*One Semester*)

This one semester course helps students to understand and practice the creative writing process, beginning with the prewriting stage and moving through the refining (revising and editing) period before celebrating a “completed” product. Students write in a variety of genres, including poetry, short fiction, and creative non-fiction whilst keeping a journal and examining other authors’ works. This is a writing intensive elective.

#0182 ACTING 1 - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Sophomores, Juniors, and Seniors (*One Semester*)

Acting 1 is an elective course open to students from 10th, 11th, or 12th grade who are dedicated to deepening their understanding of the stage, the history of theatrical acting, and the craft of developing meaning through performance. Students will be expected to critically analyze both monologues and scenes in order to accurately assign objective and persona to each of their characters. Students will also be required to fulfill some role in either the Fall Drama or Spring Musical to experience the community of a full cast and crew.

Mercy Online Summer Course

Creative Writing N-E05
Speech N-A03

SAT PREP

#0090 SAT PREP

Open to: Juniors Credit: 0.5
Course fee: \$100 - for textbook and materials used in class.

SAT Prep class will meet two days each week during the activity period from September to May.

SAT Prep provides juniors with the opportunity to prepare for both the verbal and math sections of the SAT. Students are introduced to the content of the test, learn fundamental test-taking strategies, and are provided with ample opportunity to implement these strategies by taking practice tests. Each unit of study includes instruction on the given topic, followed by guided practice. Grading is done on a pass-fail basis, based on a student’s effort, attentiveness, and involvement during each class.

The English portion of the course covers sentence-completion strategies, approaches to the reading passages, a review of basic grammar included on the test, and the components of the timed essay.

The Math portion of this course includes test-taking strategies for multiple-choice problems and open-answer questions. The four major topics covered in this course are: Numbers and Operations, Algebra and Functions, Geometry and Measurement, and Data Analysis, Statistics and Probability.

ACADEMIC SUPPORT

#0190 ACADEMIC SUPPORT Credit: 1
Open to Select Students (*Full Year*)

This full year class is open to students who are entitled to special accommodation based on IEP or 504 Plan, or who are recommended for the class by the School Counseling Department. Focus is placed on students’ individual needs.

#0195 ACADEMIC SUPPORT Credit: 0.5
Open to Select Students (*One Semester*)

This semester class is open to students who are entitled to special accommodations based on IEP or 504 Plan, or who are recommended for the class by the School Counseling Department. Focus is placed on students’ individual needs.

SOCIAL STUDIES

#0211 WORLD HISTORY - H

Level: Honors Credit: 1
Required of: Designated Freshwomen

This survey course covers the first civilizations of the Americas, the Greco-Roman civilization, Classical China, the foundations of Islam, the European Middle Ages and the Renaissance, Reformation and Exploration periods. Knowledge of both world and regional geography is stressed and reading, note taking and study skills are strongly emphasized. Students also learn the fundamentals of conducting research using databases, MLA format and argumentative writing. Current events are periodically discussed and linked to past history.

#0212 WORLD HISTORY - ADV

Level: Advanced College Prep Credit: 1
Required of: Designated Freshwomen

This survey course covers the first civilizations of the Americas, the Greco-Roman civilization, Classical China, the European Middle Ages and the Renaissance, Reformation and Exploration periods. Knowledge of both world and regional geography is stressed and reading, note taking and study skills are strongly emphasized. Students also learn the fundamentals of conducting research using databases, MLA format and expository writing. Current events are periodically discussed and linked to past history.

#0236 CIVICS - H

Level: Honors Credit: 0.5
Open to: Sophomores, Juniors, and Seniors (*One Semester*)
Prerequisite: Recommendation of present History teacher

Civics is a one semester course that provides in-depth coverage of the foundations of American government as established by the U.S. Constitution and other critical documents. This course stresses the interaction between the Constitution, the three branches of government, and the American people. This course also studies the relations of the United States with other foreign nations.

#0237 CIVICS - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Sophomores, Juniors and Seniors (*One Semester*)

Civics is a one semester course that provides in-depth coverage of the foundations of American government as established by the U.S. Constitution and other critical documents. This course stresses the interaction between the Constitution, the three branches of government, and the American people. This course also studies the relations of the United States with other foreign nations.

#0216 The 20th Century – H

Level: Honors Credit: 0.5
Open to: Sophomores, Juniors, and Seniors (*One Semester*)

This one semester survey course covers the major events and developments of 20th century World History including World War I and World War II, the Great Depression, the Cold War, Globalization, Decolonization, and the rise of terrorism. This course also includes a study of people who have significantly shaped the history of the modern world. Political, social, cultural, and economic trends are studied and connections between current events and the recent past are consistently made.

#0217 The 20th Century - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Sophomores, Juniors, and Seniors (*One Semester*)

This one semester survey course covers the major events and developments of 20th century World History including World War I and World War II, the Great Depression, the Cold War, Globalization, Decolonization, and the rise of terrorism. This course also includes a study of people who have significantly shaped the history of the modern world. Political, social, cultural, and economic trends are studied and connections between current events and the recent past are consistently made.

#0219 WORLD HISTORY: MODERN - AP

Level: Advanced Placement Credit: 1
Open to: Select Sophomores

Prerequisite: World History H and recommendation of World History H teacher
Fee: \$150 – Course fee (includes AP exam)

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c.1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Students participating in AP World History: Modern take the AP examination in May.

SOCIAL STUDIES

#0228 MODERN WESTERN TRADITIONS (EUROPEAN HISTORY) - ECE

Level: Early College Experience Credit: 1
Open to: Select Seniors

Prerequisite: Recommendation of present History teacher
Course Fee: \$175 – for three credits from UConn

This one credit course provides students with an opportunity to examine the cultural, social, political, and economic developments of the last five hundred years of European history. Through a combination of lecture, discussion, and analysis of both primary and secondary sources this course presents an overview of some of the major developments of the modern world while focusing on analysis of specific themes, events, and issues that continue to have a profound impact on our modern society,

This course is offered under the UConn Early College Experience Program (ECE) whereby qualified students can earn three college credits.

#0231 U.S. HISTORY – H

Level: Honors Credit: 1
Open to: Juniors and Seniors
Prerequisite: Recommendation of present Social Studies teacher

This course gives students a comprehensive knowledge and understanding of the democratic principles on which our society is based. It traces the development and progress of our American nation and people. Emphasis is placed on the thoughts, ideals and events that have brought America into the 20th century and contribute to our lives today. A formal term paper is required.

#0232 U.S. HISTORY - ADV

Level: Advanced College Prep Credit: 1
Open to: Juniors and Seniors

This survey course brings past and present American history into perspective, instilling an appreciation for traditional American values. Emphasis is placed on the period from the Constitution to the present. A term paper is required.

#0238 U.S. HISTORY – ECE

Level: Early College Experience Credit: 1
Open to: Juniors and Seniors
Course fee: \$175 – for three credits from UConn
Prerequisite: Recommendation of present Social Studies teacher

This course gives students a comprehensive knowledge and understanding of the democratic principles on which our society is based. It traces the development and progress of our American nation and people. Emphasis is placed on the thoughts, ideals and events that have brought America into the 20th century and contribute to our lives today. A formal term paper is required.

This course is offered under the UConn Early College Experience Program (ECE) whereby qualified students can earn three college credits.

#0239 U.S. HISTORY – AP/ECE

Level: Advanced Placement Credit: 1
Open to: Select Juniors and Seniors
Prerequisite: Recommendation of present Honors or AP Social Studies teacher
Fee: \$150 – Course fee (includes AP exam)
Optional fee: \$325 – for six credits from UConn

This course provides students with the opportunity to analyze topics and events in U.S. History at a college level. In addition to the main text, readings from various primary and secondary source materials are required. Presentations and projects as outlined in the College Board Advanced Placement curriculum as well as extensive class discussions are emphasized. Students take the Advanced Placement U.S. History examination in May. This course is offered under the UConn Early College Experience Program (ECE) whereby qualified students can earn six college credits.

#0259 PSYCHOLOGY - AP

Level: Advanced Placement Credit: 1
Open to: Select Seniors
Prerequisite: Recommendation of present Honors/AP History teacher
Fee: \$150 – Course fee (includes AP exam)

This comprehensive full year collegiate level course introduces the student to the systematic and scientific study of the behavior and mental processes of humans and other animals. Students will be immersed in, but not limited to, psychological research methods, statistics, biological bases of behavior, cognitive development and abnormal behavior. Emphasis is on comparing and extracting theories and concepts learned in class (i.e., personality, motivation, learning and consciousness) to clinical scenarios. Students take the AP Psychology examination in May.

SOCIAL STUDIES

#0249 U.S. GOVERNMENT – AP/ECE

Level: Advanced Placement Credit: 1
Open to: Select Seniors
Prerequisite: Recommendation of present Honors/AP
History teacher

Fee: \$150 – Course fee (includes AP exam)
Optional fee: \$175 – for three credits from UConn

This course provides a nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they complete a political science research or applied civics project. Students take the Advanced Placement U.S. Government examination in May. This course is offered under the UConn Early College Experience Program (ECE) whereby qualified students can earn three college credits.

#0267 GLOBAL AFFAIRS - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Sophomores, Juniors and Seniors (*One Semester*)
Course fee: \$90 for online course

Global Affairs is a one semester online course, in which students will explore several critical issues that face the global community. Topics are chosen from historical and current economic, geographic, cultural and political issues. Study will focus on developing critical thinking skills. All required materials are included with this course.

#0272 ECONOMICS - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (*One Semester*)
Course fee: \$90 for online course

Economics is a one semester online course in which students study basic economic theory. They will learn to apply basic economic concepts to real-world issues and problems. Knowledge of fundamental principles and application of theory will be addressed. Through this application, students will further develop their skills of critical analysis. All required materials are included with this course.

#0286 AFR. AMER / BLACK & LATINO - H

Level: Honors Credit: 0.5
Open to: Juniors and Seniors (*One Semester*)

African (Black) American and Latino Studies course is a 0.5 credit, semester elective in which students will discover the scope of African American/ Black and Puerto Rican /Latino contributions to US History, society, the economy, and culture. This course is an opportunity for students to explore accomplishments, struggles, perspectives, and collaborations of African American/Black and Latino people in the U.S. Students will examine how historical movements, legislation and wars affected the rights of these groups and how they, both separately and together worked to build cultural and economic wealth and create more just societies in local, national, and international contexts. This course uses an inquiry-based approach to deliver a content rich and personalized learning experience.

#0522 BIOGEOGRAPHY 1 - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (*Semester One*)
Prerequisite: Biology and Chemistry

Biogeography1 is the science that studies the history and patterns of species distribution throughout the major regions of the world and the processes that result from these patterns. This one semester course provides a comprehensive study of causable factors such as glaciation, speciation, extinction and continental drift as well as inhibiting factors such as environmental barriers and energy restraints. This course includes an in-depth examination of the unique realms of the world, encompassing the flora and fauna endemic to these regions, as well as a look at man's effect on the future welfare of the world's realms.

#0527 BIOGEOGRAPHY 2 - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (*Semester Two*)
Prerequisite: Biogeography 1

This course provides a comparative study of the world's realms covered in Biogeography to examine the Earth as one complete functioning biome. An in-depth study of the relationship between ocean life and the cycles of matter, air and energy will be explored as part of the ecosystem dynamics of our planet. An emphasis on the effects of climate change, natural disasters and other environmental concerns will also be analyzed as a contributor in our ever-changing atmosphere. A more detailed study of the physical and political geography of the world will also be covered.

SOCIAL STUDIES

These courses will not be offered in 2024-2025.

#0229 EUROPEAN HISTORY – AP/ECE

Level: Advanced Placement Credit: 1
Open to: Select Seniors
Prerequisite: Recommendation of present Honors/AP
History teacher

Fee: \$150 – Course fee (includes AP exam)
Optional fee: \$175 – for three credits from UConn

This course examines all facets of European History from approximately 1350 to the present day: cultural, political, social, economic, religious, and diplomatic. Major emphasis is placed on events, conditions, trends and movements that occurred. Students think, reflect and discuss analytically using historical evidence, documents and sources. They compare and contrast themes through the use of timelines. Each student will develop a keen perspective and the ability to express herself in clear, thoughtful, written analysis. Most reading sources are at the college level; it is necessary for the student to understand and interpret data to support her ideas. Students take the Advanced Placement European History examination in May. This course is offered under the UConn Early College Experience Program (ECE) whereby qualified students can earn three college credits.

****This course will not be offered in 2024-2025****

#0281 INTRODUCTION TO LAW - H

Level: Honors Credit: 0.5
Open to: Juniors and Seniors (*One Semester*)
Prerequisite: Recommendation of present History teacher

This course gives students a basic understanding of the American legal tradition. Students are introduced to every aspect of the legal system, from constitutional law and the litigation process to tort law, contract law, property law and criminal law. Emphasis is placed on class participation through student presentations of actual court cases, debates and case law analysis. Students are required to write a mock trial case from beginning to end for their final group project.

****This course will not be offered in 2024-2025****

FRENCH

#0351 FRENCH 1 - H

Level: Honors Credit: 1
Open to: Freshwomen, Sophomores and Juniors

This fast-paced course presents pronunciation, vocabulary, and language structure to the beginning level student. Class time provides opportunities to communicate and develop proficiency. Culturally authentic activities allow students to experience the diversity of the French-speaking world.

#0352 FRENCH 1 - ADV

Level: Advanced College Prep Credit: 1
Open to: Freshwomen, Sophomores and Juniors

This course presents pronunciation, vocabulary, and language structure to the beginning level student. Class time provides opportunities to actively practice the language in a variety of situations. Culturally authentic activities allow students to experience the diversity of the French-speaking world.

#0361 FRENCH 2 - H

Level: Honors Credit: 1
Prerequisite: French 1
Recommendation of French teacher

This course aims to expand all communication skills at an accelerated pace. Reading and writing skills are developed. Cultural topics include the French speaking world, its customs, and contemporary life situations. Students do oral and written projects to express their interests and skills.

#0362 FRENCH 2 - ADV

Level: Advanced College Prep Credit: 1
Prerequisite: French 1
Recommendation of French teacher

This course aims to develop speaking and listening skills. Reading and writing skills are strengthened. Cultural topics include the French speaking world, its customs, and contemporary life situations.

#0371 FRENCH 3 - H

Level: Honors Credit: 1
Prerequisite: French 2 H
Recommendation of French teacher

This course is designed to encourage communication in French on an advanced level. All language skills are developed, with particular emphasis on oral communication and cultural awareness. This leads to more extensive reading comprehension.

#0372 FRENCH 3 - ADV

Level: Advanced College Prep Credit: 1
Prerequisite: French 2
Recommendation of French teacher

This course is designed to encourage communication in French. All language skills are developed, with particular emphasis on oral communication and cultural awareness. This leads to more extensive reading comprehension.

#0381 FRENCH 4 - H

Level: Honors Credit: 1
Prerequisite: French 3 H
Recommendation of French teacher

This course is designed to provide well-motivated students with an intellectual challenge through advanced strategies for communication and a comprehensive review of all elements of oral and written French. Reading and discussion center on major French authors and contemporary issues.

#0382 FRENCH 4 - ADV

Level: Advanced College Prep Credit: 1
Prerequisite: French 3
Recommendation of French teacher

This course is designed for advanced students whose interests in French are conversation and contemporary society. Reading selections are taken from contemporary writers and newspapers.

#0391 FRENCH 5 - H

Level: Honors Credit: 1
Prerequisite: French 4 H
Recommendation of French teacher

This course is designed for honors students whose interests in French are conversation and contemporary society. Reading selections are taken from contemporary writers and newspapers.

#0399 FRENCH 5 – AP

Level: Advanced Placement Credit: 1
Prerequisite: French 4 H
Recommendation of French teacher
Fee: \$150 – Course fee (includes AP exam)

The Advanced Placement Program in French Language consists of: (1) a course designed to provide well-motivated students with an intellectual challenge through advanced strategies for communication; (2) comprehensive review of all elements of oral and written French; (3) reading and discussion in French of major French authors and contemporary issues. Students take the AP French Language exam in May.

ITALIAN

#0761 ITALIAN 1 - H

Level: H Credit: 1
Open to: Freshwomen, Sophomores and Juniors

This course gives students a basic understanding of the Italian language, culture and customs. Students learn the five core language skills by pairing cultural themes with essential grammar points. Students use culture – the geography, traditions, and history of Italy – to understand and master the language.

#0762 ITALIAN 1 - ADV

Level: Advanced College Prep Credit: 1
Open to: Freshwomen, Sophomores and Juniors

This course gives students a basic understanding of the Italian language, culture and customs. Students learn the five core language skills by pairing cultural themes with essential grammar points. Students use culture – the geography, traditions, and history of Italy – to understand and master the language.

#0771 ITALIAN 2 - H

Level: Honors Credit: 1
Prerequisite: Italian 1
Recommendation of Italian teacher

This is an accelerated course that continues developing the skills learned in Italian 1. Oral proficiency is emphasized, and students are exposed to basic Italian literature. Cultural aspects of the Italian-speaking world are integrated throughout the course.

#0772 ITALIAN 2 - ADV

Level: Advanced College Prep Credit: 1
Prerequisite: Italian 1
Recommendation of Italian teacher

This course is a continuation of Italian 1. Emphasis is placed on further development of speaking and listening skills. Grammar skills are also focused on in this course. Cultural aspects of the Italian-speaking world are integrated throughout the course.

Students who register for the first year of a world language are expected to continue the study of that language during the next academic year.

#0781 ITALIAN LANGUAGE & CULTURE - H

Level: Honors Credit: 1
Prerequisite: Italian 2
Recommendation of Italian teacher

In this accelerated course, oral proficiency is refined using CDs and class discussions of reading materials and current issues. Grammar is studied intensively. Cultural aspects of the Italian-speaking world are integrated throughout the course.

#0782 ITALIAN LANGUAGE & CULTURE - ADV

Level: Advanced College Prep Credit: 1
Prerequisite: Italian 2
Recommendation of Italian teacher

In this course, the development of speaking, listening, reading, and writing skills are refined through reading and the discussion of contemporary topics. Cultural aspects of the Italian-speaking world are integrated throughout the course.

#0791 ITALIAN LITERATURE - H

Level: Honors Credit: 1
Prerequisite: Italian Language & Culture
Recommendation of Italian teacher

This is an accelerated course designed for students who have demonstrated superior ability in Italian. Language skills are refined using CD's, authentic Italian articles, and class discussions. At least one major literary work is studied.

#0792 ITALIAN LITERATURE - ADV

Level: Advanced College Prep Credit: 1
Prerequisite: Italian Language & Culture
Recommendation of Italian teacher

This is an advanced course. All language skills are further refined. Students are exposed to the Italian language through readings and CDs in the classroom. Culture is also studied in depth.

MATHEMATICS

#0411 ALGEBRA 1 - H

Level: Honors Credit: 1
Open to: Designated Freshwomen

This course offers a rigorous study of real numbers, equations, inequalities, linear functions and their graphs, polynomials, and quadratic equations. Problem-solving techniques are consistently emphasized. This course is offered to those students who have the motivation and study skills necessary for advanced study in mathematics.

#0412 ALGEBRA 1 - ADV

Level: Advanced College Prep Credit: 1
Open to: Designated Freshwomen

This course offers a conceptual study of real numbers, equations, inequalities, linear functions and their graphs, polynomials, and quadratic equations. Problem-solving techniques are consistently emphasized.

#0413 ALGEBRA 1 - COL

Level: College Prep Credit: 1
Open to: Designated Freshwomen

This course offers a basic study of real numbers, equations, inequalities, linear functions and their graphs, polynomials, quadratic equations and problem-solving techniques. Most algebraic concepts are taught but at a less rigorous and slower pace than in Algebra 1 Adv.

#0421 GEOMETRY - H

Level: Honors Credit: 1
Prerequisite: Algebra 1; Recommendation of Math teacher
May be taken concurrently with Algebra 2 H

This course is designed for above-average students who have the motivation and study skills necessary for advanced study in mathematics. It provides a thorough study of plane and coordinate geometry and an introduction to solids and transformational geometry. Computer-based construction, inductive reasoning and deductive reasoning are used throughout the course.

#0422 GEOMETRY - ADV

Level: Advanced College Prep Credit: 1
Prerequisite: Algebra 1; Recommendation of Math teacher

This course is the study of the basic concepts of plane geometry. Students learn to visualize, analyze and solve problems logically and systematically. Constructions and algebra are used throughout the course. Solid and coordinate geometry are introduced.

#0423 GEOMETRY - COL

Level: College Prep Credit: 1
Prerequisite: Algebra 1
Recommendation of present Math teacher

This geometry course is intended for students who have some difficulty in grasping concepts of mathematics. Its focus is on recognition and analysis of figures and their interrelationships. Constructions and Algebra are used throughout the course. Most geometric concepts are taught but at a less rigorous and slower pace than in Geometry Adv.

#0431 ALGEBRA 2 - H

Level: Honors Credit: 1
Prerequisite: Algebra 1 and Geometry
Recommendation of present Math teacher
May be taken concurrently with Geometry H

This course continues to stress both the structure and skills of algebra and geometry. It introduces new algebraic concepts such as complex numbers, conic sections, exponential functions, and logarithmic functions. This course is offered to students who have the motivation and study skills necessary for advanced study in mathematics.

#0432 ALGEBRA 2 - ADV

Level: Advanced College Prep Credit: 1
Prerequisite: Algebra 1 and Geometry
Recommendation of present Math teacher

This course continues with the algebra concepts learned in Algebra 1. It introduces new concepts such as complex numbers, rational and polynomial functions, and conics which are needed for further study of mathematics.

#0433 ALGEBRA 2 - COL

Level: College Prep Credit: 1
Prerequisite: Algebra 1 and Geometry
Recommendation of present Math teacher

Algebra 2 Col is open to students whose Algebra skills need additional reinforcement. A variety of basic algebraic concepts are taught in this course.

SCIENCE

#0511 BIOLOGY - H

Level: Honors Credit: 1
Open to: Designated Freshwomen
Course fee: \$100 – Lab fee

This course provides an in-depth foundation in biochemistry, cell biology, molecular genetics, energy transformation as well as a study in comparative organisms, their interaction with the environment and the role of evolution in biodiversity. Students are required to be highly motivated, possess a passion for science, exceptional reading comprehension skills, strong independent study habits, excellent listening and note taking abilities, and a talent for critical thinking and analysis. Emphasis is placed on laboratory investigation and critical reporting.

#0512 BIOLOGY - ADV

Level: Advanced College Prep Credit: 1
Open to: Freshwomen and Sophomores
Course fee: \$100 – Lab fee

This course explores the structure and biochemistry of cells, photosynthesis, respiration, taxonomy, cell reproduction, and genetics. The close relationship between structure and function, and the interdependence of all living things are emphasized as major themes throughout. The course is designed to help students gain an understanding of the major biological concepts and to develop appreciation for the natural world in which we live. This course includes a variety of class activities and laboratory investigations.

#0531 CHEMISTRY - H

Level: Honors Credit: 1
Open to: Sophomores and Juniors
Prerequisite: Biology H and Algebra 1 H or
Recommendation of present Science teacher
Course fee: \$100 – Lab fee

Chemistry is a lab-oriented course. Students study matter, its structure and composition as well as its physical and chemical changes. Laboratory investigations are used to reinforce material learned in class or to introduce topics that are part of college curricula. Each quarter students complete a two-page annotated research paper on a science topic that interests them. Students are also responsible for keeping a laboratory book, which contains the procedures, results, calculations, questions, and conclusions from their laboratory investigations.

#0532 CHEMISTRY - ADV

Level: Advanced College Prep Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Biology and Algebra 1 Adv
Recommendation of present Science teacher
Course fee: \$100 – Lab fee

Chemistry is the study of matter, its structure, composition, and the changes it undergoes. Emphasis is placed on physical chemistry, writing formulas and equations, and mathematical applications of them. Laboratory investigations are used to reinforce material learned in class or to introduce topics that are part of college curricula. Students are also responsible for keeping a laboratory book, which contains the procedures, results, calculations, questions, and conclusions from their laboratory investigations.

#0537 CONCEPTUAL CHEMISTRY - ADV

Level: Advanced College Prep Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Biology
Recommendation of present Science teacher
Course fee: \$100 – Lab fee

Conceptual Chemistry is the study of matter, its structure, composition, and the changes it undergoes. Emphasis is placed on the basic physical chemistry, chemical composition and change, as well as formula and equation writing. This chemistry course is intended for students who need additional development in mathematical skills.

#0529 BIOLOGY – AP

Level: Advanced Placement Credit: 1
Open to: Juniors and Seniors
Prerequisite: Biology H and Chemistry H
Recommendation of present Science teacher

It is recommended that students who sign up for Biology AP take #0551 Anatomy & Physiology H or Mercy Learning Online Summer Course #N-S02 Anatomy, but this is not a prerequisite.

Course Fee: \$200 - Lab fee (includes AP exam)

This full year Advanced Placement course is a rigorous and comprehensive collegiate course in biology, which provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with this rapidly changing science. The depth and range of topics is equivalent to that of a college biology major. Emphasis is placed on science as a process; scientific inquiry; integration of unifying themes; as well as critical reading of scientific literature, its application and social impact. This course is recommended for students seeking to concentrate in biological sciences, pre-med, and other adjunct fields. Students take the AP Biology exam in May.

SCIENCE

#0539 CHEMISTRY - AP

Level: Advanced Placement Credit: 1

Open to: **Juniors, Seniors**

Prerequisite: Chemistry H

Recommendation of present Science teacher

May be taken concurrently with Physics H

Course Fee: \$200 - Lab fee (includes AP exam)

AP Chemistry helps students to understand fundamentals in chemical problems and to think clearly and logically. The course is the equivalent of a general college chemistry course. Topics covered include structure of matter, states of matter, chemical reactions, descriptive chemistry, and laboratory skills. Students take the AP Chemistry exam in May.

#0541 PHYSICS - H

Level: Honors Credit: 1

Open to: Juniors and Seniors

Prerequisite: Chemistry H and Geometry H or

Recommendation of present Science teacher

Course fee: \$100 – Lab fee

Physics is the study of the physical laws that govern the workings of our universe. Problems that explain and demonstrate these physical laws employ the use of computer tech simulations and require an excellent foundation in algebra, geometry, trigonometry, and logic. This course is a highly mathematically based laboratory science. Some topics covered include motion, electromagnetism, energy, optics, and relativity.

#0542 PHYSICS - ADV

Level: Advanced College Prep Credit: 1

Open to: Juniors and Seniors

Prerequisite: Chemistry Adv and Geometry Adv

Recommendation of present Science teacher

Course fee: \$100 – Lab fee

Physics is the study of the natural laws governing the universe. These include laws of motion, energy, electromagnetism and optics. Logic, algebra and geometry are used throughout the course to solve problems. Laboratory exercises and simulations are included.

#0547 CONCEPTUAL PHYSICS - ADV

Level: Advanced College Prep Credit: 1

Open to: Juniors and Seniors

Prerequisite: Biology and Chemistry

Course fee: \$100 – Lab fee

Conceptual Physics is a lab-based course. Students strengthen their math skills while learning physics by applying basic algebra and geometry to solve basic physics problems. Topics include Newtonian motion, forces, energy, work, and simple machines. Students design and build a model home, learn about electricity, circuitry, optics, and acoustics.

#0549 PHYSICS 1 - AP

Level: Advanced Placement Credit: 1

Open to: **Juniors**

Prerequisite: Chemistry H

Recommendation of present Science teacher

Course Fee: \$200 - Lab fee (includes AP exam)

This full year Advanced Placement course is the equivalent of the first semester of a two semester college physics course that is taken by students preparing for life sciences, pre-medicine, and applied sciences. **AP Physics 1** introduces the main principles of physics and develops conceptual understanding and problem solving. Topics covered include Newtonian mechanics, work, energy, power, waves, and electric circuits. It is designed to be followed by AP Physics 2. Students take the AP Physics 1 exam in May.

#0569 PHYSICS 2 - AP

Level: Advanced Placement Credit: 1

Open to: **Seniors**

Prerequisite: Physics H or Physics 1 AP

Recommendation of present Science teacher

Course Fee: \$200 - Lab fee (includes AP exam)

This full year Advanced Placement course is the equivalent of the first semester college physics course that is taken by students preparing for life sciences, pre-medicine, and applied sciences. **AP Physics 2** provides a deeper understanding of the main principles of physics and develops conceptual understanding and problem solving. Topics covered include thermodynamics, fluid dynamics, waves, electromagnetism, optics, and modern physics. Students take the AP Physics 2 exam in May.

SCIENCE

#0551 ANATOMY & PHYSIOLOGY - H

Level: Honors Credit: 1
Open to: Juniors and Seniors
Prerequisite: Biology and Chemistry
Recommendation of present Science teacher
Course fee: \$100 – Lab fee

This class is a comprehensive study of the structural and biochemical complexities of the human body. Physiology H offers a strong background for students headed into health or medical fields, and they are encouraged to take the class. Emphasis on the physical and chemical laws, which govern bodily function is a focus. The concepts of structural determination of function and homeostasis are emphasized while stressing a reverence for life and instilling awe in the functional capabilities of the human body.

#0567 ASTRONOMY & COSMOLOGY - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Sophomores, Juniors, Seniors (*One Semester*)

Have you ever stood beneath a dark summer sky, looking at the stars and wondering what it all means? Through the science of Astronomy, we now know that our connection to the Universe goes deeper than our ancestors could imagine. Could there be life on other planets? Are we being visited by creatures from other worlds?

This one semester course explores some of the major discoveries in Astronomy and Cosmology. Topics to be covered include how telescopes work, how the Universe began and all the incredible planets, moons, stars, black holes which humans are actively exploring. The course will also discuss the role of Catholic astronomers in our understanding of How the whole Universe works.

#0576 NEUROSCIENCE - H

Level: Honors Credit: 0.5
Open to: Juniors and Seniors (*One Semester*)
Prerequisite: Biology and Chemistry
Recommendation of present Science teacher
Course fee: 50 – Lab fee

Neuroscience is a one semester course dedicated to investigating the most complex known structure in the human body: the brain. Made up of billions of nerve cells, the brain controls our thoughts, movements, behavior, and emotions. In this course, students will study the cellular structure of the neuron and its dependence on both electrical and chemical communication, as well as the structure and function of the brain. In addition, the course also explains some common problems in the brain: drug use, addiction, trauma, mental illness, and deterioration of intellectual function caused by Alzheimer's and other dementias.

#0577 NEUROSCIENCE - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (*One Semester*)
Prerequisite: Biology and Chemistry
Course fee: \$50 – Lab fee

Neuroscience is a one semester course dedicated to investigating the most complex known structure in the human body: the brain. Made up of billions of nerve cells, the brain controls our thoughts, movements, behavior, and emotions. In this course, students will study the cellular structure of the neuron and its dependence on both electrical and chemical communication, as well as the structure and function of the brain. In addition, the course also explains some common problems in the brain: drug use, addiction, trauma, mental illness, and deterioration of intellectual function caused by Alzheimer's and other dementias.

#0581 CURRENT ISSUES IN SCIENCE - H

Level: Honors Credit: 1
Open to: Juniors and Seniors
Prerequisite: Biology and Chemistry
Recommendation of present science teacher

Course fee: \$50 – Lab fee

This course investigates science related topics that affect everyone. The topics may change as something becomes more, or less prominent. Current issues include water, climate and energy, contagion and the immune system, population, food supply and the environment, genetic modification, and artificial intelligence. Class lectures and lab will concentrate on the basic science needed to understand the topic. Students will research and debate the issues presented by each topic. Students are asked to give short oral presentations on science related issues biweekly.

Mercy Online Summer Courses

Anatomy N-S02

Astronomy and Cosmology N-S03

SCIENCE

#0502 SCIENTIFIC ILLUSTRATION - ADV

Level: Advanced College Prep Credit: 0.5

Open to: Sophomores, Juniors, Seniors (*One Semester*)

Prerequisite: Biology

Course fee: \$80 for materials used in class.

Scientific illustration puts an emphasis on a highly accurate, artistic portrayal of the scientific world in order to study, classify and document nature. Several techniques are focused on such as pen & ink, colored pencils, watercolors, charcoal, and sculpture. Optical drawing aides such as light tables and microscopes are presented along with detailed technical aspects of illustration, medical and biological terminology, and anatomical accuracy. Each student assembles her finished projects into a personal portfolio for college use and for display in the annual Mercy Art Show.

#0522 BIOGEOGRAPHY 1 - ADV

Level: Advanced College Prep Credit: 0.5

Open to: Juniors and Seniors (*Semester One*)

Prerequisite: Biology and Chemistry

Biogeography1 is the science that studies the history and patterns of species distribution throughout the major regions of the world and the processes that result from these patterns. This one semester course provides a comprehensive study of causable factors such as glaciation, speciation, extinction and continental drift as well as inhibiting factors such as environmental barriers and energy restraints. This course includes an in-depth examination of the unique realms of the world, encompassing the flora and fauna endemic to these regions, as well as a look at man's effect on the future welfare of the world's realms.

#0527 BIOGEOGRAPHY 2 - ADV

Level: Advanced College Prep Credit: 0.5

Open to: Juniors and Seniors (*Semester Two*)

Prerequisite: Biogeography 1

This course provides a comparative study of the world's realms covered in Biogeography 1 to examine the Earth as one complete functioning biome. An in-depth study of the relationship between ocean life and the cycles of matter, air and energy will be explored as part of the ecosystem dynamics of our planet. An emphasis on the effects of climate change, natural disasters and other environmental concerns will also be analyzed as a contributor in our ever-changing atmosphere. A more detailed study of the physical and political geography of the world will also be covered in this course.

TECHNOLOGY-BUSINESS

#0626 VIDEO GAME DESIGN - H

Level: Honors Credit: 0.5
Open to: Sophomores, Juniors and Seniors (*One Semester*)
Course fee: \$90 for online Code HS course

Introduction to Video Game Design:

The Game Design in Unity course teaches the fundamentals of designing a game using the most widely accessed and preferred editing engine in the world. The intent of this course is to prepare high school students with the industry related skills needed for the workplace and higher learning environments. By the end of this course, they will understand the design planning process, be knowledgeable of industry related careers, and be able to navigate the Unity environment in order to create 3D games.

#0631 DATA SCIENCE WITH PYTHON - H

Level: Honors Credit: 0.5
Open to: Sophomores, Juniors and Seniors (*One Semester*)
Course fee: \$90 for online Code HS course

Data Science with Python:

Industries of all types are hiring data scientists to analyze and highlight the hidden patterns in data. This course equips students with the essential skills of a data scientist which include data collection, cleanup, transformation, analysis, and visualization. Students will write algorithms, tell data stories, and build statistical models using Python libraries. They will use the same tools that data scientists use to draw meaningful insights and solve organizational problems.

Mercy Online Summer Course
Digital Marketing

Mercy High Summer Course
Tech Fundamentals - S602

#0637 BUS./PERS. FINANCE - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Sophomores, Juniors and Seniors (*One Semester*)

In **Business & Personal Finance**, students learn financial & professional skills for everyday life. basic principles of banking and credit, consumerism, insurance, income tax fundamentals, and financial planning are covered. Topics include savings & interest, checking accounts, Resume & Cover Letter workshops, public speaking skills, interview preparation & practice, comparison shopping, obtaining loans, credit, charitable giving, filling out the 1040 EZ federal tax return form, budgeting, and financial goal setting/planning.

#0642 DIGITAL MARKETING - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Sophomores, Juniors and Seniors (*One Semester*)
Course fee: \$90 for online course

Digital Marketing

This performance-based course introduces students to the components of marketing, which utilize internet and online-based digital technologies and platforms to promote products and services. Students will learn the principles and design skills to digitally create advertisement layouts, websites, mobile app design, and social media campaigns. Units of study include Basics of Marketing and Promotion, Digital Advertising and Ethics, Layout and Page Design, Mobile App Design, Social Media Campaign, and Website Design.

#0646 ACCOUNTING - H

Level: Honors Credit: 0.5
Open to: Juniors and Seniors (*One Semester*)

Accounting

This course is for the student to learn about accounting as an information development and communications function that serves as a basis for financial statement analysis and management decision-making. The course will help students perform financial analysis; derive and assess information for personal or organizational decisions; and understand business, governmental, and other organizational entities.

Post University High School Academy

Mercy High School offers the following in-person classes through Post University as a **dual enrollment** option during a student's academic day at Mercy. Each course will equate to Mercy's 0.5 credit for a semester class and three credits from Post University simultaneously. Post offers Mercy students a reduced fee of \$300 per course. This fee includes all course materials.

The courses on this page will be offered as a one semester, 16-week, in-person class taught by a Post approved Mercy High teacher during a regular scheduled period at Mercy. Courses are open to Juniors and Seniors.

These courses are part of the **Mercy Business Academy** which is a pathway for students who are interested in a business career. Application for the Business Academy can be found on pages **33-34**.

Ask your school counselor to sign the **Move Up** form for these college courses.

#0661 PRINCIPLES OF MANAGEMENT – DE

Level: Dual Enrollment Credit: 0.5
Open to: Juniors and Seniors (One Semester)
Prerequisite: Recommendation of School Counselor
Course Fee: \$300 – for three credits from Post University.

Principles of Management is an introduction to the principles of management examining their application in public and private, profit and non-profit organizations. Students will explore the areas of employee motivation, group behavior, leadership, strategic planning, organizational design, and career opportunities. Fundamental concepts of management, effective communication competency, ethical dilemmas faced by managers and corporate social responsibility will be explored.

This dual enrollment course is offered through Post University's **High School Academy** program, whereby qualified students can earn three college credits.

Post University Course
MGT 105 - Principles of Management
3 College Credits

#0662 FOUNDATIONS OF LEADERSHIP - DE

Level: Dual Enrollment Credit: 0.5
Open to: Juniors and Seniors (One Semester)
Prerequisite: Recommendation of School Counselor
Course Fee: \$300 – for three credits from Post University.

Foundations of Leadership will heighten awareness and broaden the participant's knowledge of leadership theory, trends & applications, with a strong focus on ethical leadership. This course encompasses leadership/management theories, techniques, and applications, managing ethical gray areas with integrity, and integrating leadership skills into daily work practices. This course provides students with an overview of business structure/functions, leadership styles, managerial processes, strategic planning, and change-oriented ethical leadership and considers the impact of public policy on leaders.

This dual enrollment course is offered through Post University's **High School Academy** program, whereby qualified students can earn three college credits.

Post University Course
MGT 203 - Foundations of Leadership
3 College Credits

#0663 FOUNDATIONS SPORT MANAGEMENT-DE

Level: Dual Enrollment Credit: 0.5
Open to: Juniors and Seniors (One Semester)
Prerequisite: Recommendation of School Counselor
Course Fee: \$300 – for three credits from Post University.

Foundations of Sport Management provides an overview of the sport industry. The history, careers in, growth trends and the management of a variety of sport organizations, especially organizations that have shown excellence, will be examined.

This dual enrollment course is offered through Post University's **High School Academy** program, whereby qualified students can earn three college credits.

Post University Course
SMG-101 Foundations of Sport Management
3 College Credits

Post University High School Academy

Mercy High School offers the following **online** classes through Post University as a **dual enrollment** option during a student's academic day at Mercy. Each course will equate to Mercy's 0.5 credit for a semester class and three credits from Post University simultaneously. Post offers Mercy students a reduced fee of \$300 per course. This fee includes all course materials.

The following courses will be offered as an 8-week accelerated **online** class during a singularly scheduled period that will allow for students to enroll in any of the course offerings with the assistance of a Post professor and under the guidance of a Mercy teacher responsible for facilitating the course. These courses will be scheduled for one 8-week period. (Approximately one term / quarter)

Course #CTC101 – **College Success Seminar** is a prerequisite for all other online Post courses.

These online courses are open to Juniors and Seniors. If you are interested in taking one or more of these courses, talk to your School Counselor. Ask her to sign the **Move Up** form for these college courses.

CTC 101 - College Success Seminar

Business Academy

This course is a prerequisite for all other online Post courses. This first-year course teaches students the fundamental skills and strategies required to support learning in a university environment. This course is structured to help students analyze values, motivations, and goals, while helping connect present university experiences with current and future career goals. Emphasis is placed on academic skills, personal assessment, career exploration, and development of interpersonal soft skills.

NG 110 - College Writing

Business Academy

This introductory writing course is designed to refine students' analytical and critical writing skills by focusing on the writing process. Students will practice various writing styles, research methods, and critical thinking skills which will contribute to success in their university courses and their chosen careers.

Each of these dual enrollment courses will equate to Mercy's 0.5 credit for a semester class and three credits from Post University simultaneously.

CIS 110 - Digital Skills for College and Career Business Academy

This course strives to meet the digital literacy needs of students and professionals to succeed in the twenty-first century. Emphasis is placed on lessons in basic word processing, spreadsheets, and presentation software skills. Special consideration is given to essential cybersecurity practices and the ethical use of technology.

COM 107 - Introduction to Communication Business Academy

This introductory course will focus on the knowledge and skills that students need to become competent communicators. This information and these skills will include speaking, listening, media literacy, computer-mediated communication, cultural sensitivity, workplace communication, group dynamics, and critical thinking. Students will prepare and present speeches and group projects that utilize media and technology. Emphasis will be placed on social and workplace interaction, both individually and in group settings.

ACC 111 - Financial Accounting Business Academy

This course is for the student to learn about accounting as an information development and communications function that supports economic decision-making. The course will help students perform financial analysis; derive and assess information for personal or organizational decisions; and understand business, governmental, and other organizational entities.

ACC 211 - Managerial Accounting Business Academy

This course provides a practical understanding of the use of accounting data driven processes by management in planning and controlling operations in all functions of the enterprise and in closing many alternate courses of action. Prerequisites: ACC 111

FIN 201 - Principles of Finance Business Academy

This course introduces students to the world of finance through a wide lens. It covers foundation topics and broadly covers the world of corporate finance and investments through the development and use of the basic tools for financial administration, financial analysis, planning and control, investment decisions, and financial markets. Prerequisites: ACC 111

Post University High School Academy

MKT 200 - Principles of Marketing

Business Academy

This course examines the basic principles, theories, and practices of marketing and its impact on the product, price, place, and promotion decisions in the global market. Market segmentation, customer value, buyer behavior, and other factors that influence effective marketing decisions are explored.

CRJ 101 - Introduction to Criminal Justice

The student will be introduced to the American Criminal Justice System from the perspective of the criminal justice professional. The course examines the historical development and role of the police, prosecution, corrections, probation, parole, and rehabilitation.

CRJ 180 - Forensic Science 1

This course begins with a basic overview of crime scene processing and discusses the different disciplines within forensic science. Scientific principles and practices will be applied to specific examples within the following: forensic biology, DNA analysis, toxicology and drug analysis, trace evidence, arson and explosives, fingerprints, firearms, footwear and tire track impressions, questioned documents, and multimedia and computer evidence.

EMH 101 – Intro. to Emergency Management and Homeland Security

This course introduces the student to the closely interrelated fields of emergency management and homeland security. The course focuses on the development of the emergency management system within the United States, including the structure of federal, state and local emergency management systems. The course will also look at emergency management as implemented around the world. Students will be given an overview of the four phases of emergency management: mitigation, preparedness, response, and recovery. The history of the U.S. Department of Homeland Security will be covered, including events that led to its creation, its mission and organization. Homeland security efforts at the state and local level will be explored. The course will define terrorism and discuss known terrorist groups that have posed a threat to the United States.

LAW 101 - Introduction to Law

This course is an introduction to the American federal and state legal systems. Students will learn about the Constitution and the three branches of government it creates: legislative, executive, and judicial. Topics include jurisdiction, statutes, case law, and specific areas of the law.

IO 150 – Nutrition

This course assists students in understanding the basic principles of nutrition. Students focus on a variety of topics, including essential nutrients, factors that influence health, healthy eating habits, and evaluating nutritional information.

EQU 105 - Exploring the Equine Industry

Horses are at the center of a powerful agricultural industry, with direct, indirect, and induced spending totaling over \$100 billion dollars each year. This course looks closely at this industry and explores the equestrian culture that surrounds it. Students examine the roles of horses and other equines in our society, the duty of care placed on owners and caretakers, and the impact of the industry on land stewardship. Current events, various values systems, animal rights and welfare, and the history and future of the industry are all considered. This course is open to students in any major.

CHS 101 - Essentials of Early Childhood Studies

The course will introduce students to fundamental concepts, ethical conduct, core knowledge, best practices, and the NAEYC accreditation standards and competencies for early childhood educators. The course will address understanding the expectations of the field, including advancing diversity, equity, and inclusion. The course will strengthen students' written, verbal and technological communication skills as they explore concepts in the early childhood field.



BUSINESS ACADEMY APPLICATION

2024-25 SCHOOL YEAR

Name: _____

Year of Graduation: _____

The Mercy Business Academy exists to give Mercy students exposure to careers in business and management. Students have the opportunity to experience coursework and fieldwork in the area, assisting them in career goals and college choices.

The Mercy Business Academy provides students in grades 11 and 12 with the following opportunities:

1. To take college level business courses through our partnership with Post University's High School Academy. After two years in the Academy, they will have earned a minimum of 15 college credits.

Required Coursework:

- #0661 Principles of Management
 - #0662 Foundations of Leadership
 - #CTC101 College Success Seminar (Online)
 - Business Academy Elective
 - Business Academy Elective
2. To receive a scholarship which covers the tuition for all college course credits through the generosity of alumnae and business partners.
 3. To participate in field trips to locations such as Post University, Liberty Bank, Middletown businesses.
 4. To hear classroom speakers who are currently working in a business field, most of whom are Mercy Alumnae.

Requirements:

1. Applicants should have a minimum GPA of 3.4 in English, Social Studies, and Math
2. Two letters of recommendation from current teachers in the areas of English, Social Studies, or Math.
3. Must be in Grade 11 or 12 during the 2024-25 school year.
4. Statement of commitment to the program signed by applicant and parent/guardian.
5. Answer ONE of the following essay questions in 500 words or less.
 - A. What aspect of the Mercy Business Academy offerings most appeals to you and why?
 - B. Why are you interested in studying business through the Mercy Business Academy?

Please attach supporting documents to this cover letter and submit them to Mrs. Bullock by March 15.

Statement of Commitment

We, the undersigned, desire the opportunity for

Name of Student _____ YOG _____

to participate as a member of the Mercy Business Academy.

We understand that admission into this program requires dedication and a serious approach to college level study. It also requires cooperation and collaboration with professors and community leaders.

If student behavior or academic performance is not maintained, we understand that membership in the Business Academy may be revoked, and scholarship money removed.

Student Signature: _____

Parent/Guardian Signature: _____

Date: _____

FINE ART - MUSIC

#0820 CONCERT CHOIR - ADV

Open to: All Students (*Full Year*) Credit: 1.0
Fee: \$90 for sheet music (There will be an additional charge for any performance attire that will be required.)

Concert Choir is open to all students in grades 9 – 12. Students perform several styles of music and have two major evening performances during the year. This is a prerequisite course for any student who wants to audition for Chamber Choir H.

#0825 CONCERT CHOIR (SEM) - ADV

Open to: All Students (*One Semester*) Credit: 0.5
Fee: \$45 for sheet music (There will be an additional charge for any performance attire that will be required.)

Concert Choir is open to all students in grades 9 – 12. Students perform several styles of music and have one major evening performance during the semester. This is a prerequisite course for any student who wants to audition for Chamber Choir.

#0840 CHAMBER CHOIR - H

Open to: Sophomores, Juniors and Seniors Credit: 1
Prerequisite: At least one semester of Concert Choir,
Recommendation of the music teacher.

Ask music teacher to sign the Move Up form.
Fee: \$100 for sheet music (There will be an additional charge for any performance attire that will be required.)

Chamber Choir is an **audition only** class that has two evening concerts as well as numerous other in school and community performances throughout the year. The Chamber Choir serves as the principal choir at all school liturgies. The pre-requisite course to audition for Chamber Choir is at least one semester of Concert Choir.

#0830 BEGINNER GUITAR - ADV

Open to: All Students (*One Semester*) Credit: 0.5
Course fee: \$50 – for sheet music

Beginner Guitar - This semester course is to learn about, and how to play, the guitar. After learning the very basic concepts of note reading and rhythms, students will learn the parts of the guitar, study the history of the instrument, and its uses in different genres in music. Throughout the semester, students will learn to play increasingly difficult literature, both solo and in guitar ensembles. By the end of the semester, students should be able to play pieces in different keys, with intermediate rhythms, a steady beat, basic musicianship, and in diverse genres. All students are responsible for providing their own guitar. Acoustic guitars are preferable, but there are amplifiers available for those students who only possess electric guitars.

0835 GUITAR 2 - ADV

Open to: All Students (*One Semester*) Credit: 0.5
Prerequisite: Beginner Guitar or previous guitar experience
Course fee: \$50 – for sheet music

Guitar 2 is a semester course for any student who has taken Beginner Guitar at Mercy or who has some previous guitar experience and wants to learn more! This course will be based on theory and performance. Students will learn to read standard notation, scales and more. There will be class “recitals” every few weeks where students perform for each other. Students must have beginner knowledge of note reading, guitar chords and TAB. Any advanced guitar student looking for a music class may audit as an independent study on a case-by-case basis.

#0850 ORCHESTRA - ADV

Open to: All Students (*Full Year*) Credit: 1.0
Fee: \$90 for sheet music

Orchestra is open to all students in grades 9 - 12 who play an orchestra instrument. Students perform music from various genres and perform two major evening concerts during the year.

Students who have two years’ experience in the Orchestra will be given more advanced music theory assignments and scale tests and will receive honors credit.

#0855 ORCHESTRA (SEM) - ADV

Open to: All Students (*One Semester*) Credit: 0.5
Course fee: \$45 - for sheet music and supplies

Orchestra is open to all students in grades 9 - 12 who play an orchestra instrument. Students perform music from various genres and perform one major evening concert during the semester.

Students who have two years’ experience in the Orchestra will be given more advanced music theory assignments and scale tests and will receive honors credit.

FINE ARTS

#0860 FUNDAMENTAL PIANO - ADV

Open to: All Students (*One Semester*) Credit: 0.5
Course fee: \$50 - for sheet music and supplies

Fundamental Piano is a semester course for beginners to learn how to play the piano. Along with learning basic concepts of note reading and rhythms, students will study the history of the instrument and listen to, and perform, different genres of music. By the end of the semester, students should be able to play scales, intermediate rhythms and perform many beginner pieces of music, in different genres, using both hands.

#0865 PIANO 2 - ADV

Open to: All Students (*One Semester*) Credit: 0.5
Prerequisite: Fundamental Piano
Or previous piano experience
Course fee: \$50 - for sheet music and supplies

Piano 2 is a semester course that continues the learning started in fundamental piano. Students will learn major and minor scales and chord progressions as well as intermediate and advanced rhythms. They will continue learning music theory concepts including key signatures and chord building. Students will be able to use their knowledge to teach themselves music of their choosing in different styles and genres. Any advanced piano student looking for a music class may audit as an independent study on a case-by-case basis.

#0870 MUSIC PRODUCTION - ADV

(*One Semester*) Credit: 0.5

Open to: Sophomores, Juniors, Seniors
Course fee: \$50 - for sheet music and supplies

Music Production is a semester course that will help students gain an increased awareness of the important role that music plays in film, T.V., video games, etc. Music is a cornerstone of daily life. This course will give students the tools to compose their own music. Students will explore elements of music theory, history of film music, music technology and business. Experience performing or composing music is helpful but not necessary.

VISUAL ARTS

#0905 WATERCOLOR

Open to: All Students (*One Semester*) Credit: 0.5
Course fee: \$80 – for materials used in class.

This semester course is structured around the basics of watercolor painting. It is designed to guide students in the development of painting skills, techniques, and aesthetics and motivate students to develop the technical skills necessary to express their ideas. Techniques will be explored through interpretation of still life, landscape, architectural and figurative subjects.

#0915 BASIC ART

Open to: All Students (*One Semester*) Credit: 0.5
Course fee: \$80 – for materials used in class.

This semester course introduces students to concepts and techniques of art making. Students learn drawing with line, contour, and direction of light, composition, shading, shadow and highlight. They use mediums such as pencil, charcoal, pastel, watercolor, acrylic paint, and wire/wood/papier-mâché sculpture. Two- and three-dimensional design and texture are introduced in a plaster mask and wire sculpture project. Creative problem-solving and professional craftsmanship are encouraged. Students are asked to use their imagination, keep a sketchbook for inspiration, and participate in class critique. Safety glasses or smocks may be required for your personal use.

#0925 CERAMICS 1

(*One Semester*) Credit: 0.5

Open to: Sophomores, Juniors, Seniors
Course fee: \$100 – for materials used in class.

This semester course offers a creative study of ceramics and pottery making by learning time honored hand building techniques. Students develop skills over the semester as they create their own personal work based upon assignments. Handling and wedging clay, shaping and building by pinch, coil, slab or combined construction is included. Emphasis is put on design and planning a variety of shapes: open and closed forms, pots w/ handles and lids, functional and decorated items. Surface texture and application of clay motif is encouraged. Glazing application covers fun choices for color and finish selections. This class teaches product by process and incorporates design, professional craftsmanship and creative problem-solving. Students enjoy using their imagination. Students keep a sketchbook/notebook for inspiration and project tracking and participate in class discussion and critique. Students display their finished projects in the annual Mercy Art Show

FINE ARTS

#0930 CERAMICS 2 Credit: 0.5

Open to: Sophomores, Juniors, Seniors (*One Semester*)

Prerequisite: Ceramics 1

Course fee: \$100 – for materials used in class.

This semester course is a continuation of the process of hand-built pottery with focus on forming techniques, design, glazing and kiln firing. There will be more emphasis on individual expression through design, and further skill development in forming, sculpting, and glazing.

#0955 DRAWING AND DESIGN

Open to: All Students (*One Semester*) Credit: 0.5

Course fee: \$80 – for materials used in class.

This semester course is an introduction to the basic elements: line, texture, shape, form, color, space and the commercial use of design. Student projects use commercial elements and include influences from Fashion, Interior, Textile, Architectural or Industrial designs. Materials vary to include painting, drawing, printing, and fabric work. Individual design work is encouraged. Students assemble a portfolio of work, participate in class critiques, share ideas, and exhibit final designs during the Mercy Art Show.

#0965 STUDIO ART Credit: 0.5

Open to: Juniors and Seniors (*One Semester*)

Prerequisite: *Recommendation of the art teacher*

Course fee: \$80 – for materials used in class.

In this semester class students will focus on exploring compositional drawing and painting on a larger scale. Use of observation of life objects, nature, figurative models, and location drawing. Take personal photographs to combine and create themed pictures. Importance will be placed on light source, shadow, dimension, and color. Students will have the opportunity to develop their work into stylized tonal drawings then paintings by concentrating on three projects. Typical materials can include mixed tonal technique in graphite and charcoal. Color work can be pastel, acrylic paint, and mixed media. Students will visually examine the work of artists from drawing to finished work for reference and inspiration. A portfolio will be created highlighting student work for gallery and show entries and college admission.

#0960 STUDIO ART Credit: 1.0

Open to: Juniors and Seniors (*Full Year*)

Prerequisite: *Recommendation of the art teacher*

Course fee: \$160 – for materials used in class.

In this full-year course, students will focus on exploring compositional drawing and painting on a larger scale. Use of observation of life objects, nature, figurative models, and location drawing. Take personal photographs to combine and create themed pictures. Importance will be placed on light source, shadow, dimension and color. Students will have the opportunity to develop their work into stylized tonal drawings then paintings by concentrating on three projects. Typical materials can include mixed tonal technique in graphite and charcoal. Color work can be pastel, acrylic paint, and mixed media. Students will visually examine the work of artists from drawing to finished work for reference and inspiration. A portfolio will be created highlighting student work for gallery and show entries and college admission.

#0502 SCIENTIFIC ILLUSTRATION - ADV

Level: Advanced College Prep Credit: 0.5

Open to: Sophomores, Juniors, Seniors (*One Semester*)

Prerequisite: Biology

Course fee: \$80 for materials used in class.

Scientific illustration puts an emphasis on a highly accurate, artistic portrayal of the scientific world in order to study, classify and document nature. Several techniques are focused on such as pen & ink, colored pencils, watercolors, charcoal, and sculpture. Optical drawing aides such as light tables and microscopes are presented along with detailed technical aspects of illustration, medical and biological terminology and anatomical accuracy. Each student assembles her finished projects into a personal portfolio for college use and for display in the annual Mercy Art Show.

Mercy Online Summer Course

Art History N-A01

PHYSICAL EDUCATION/HEALTH

#0970 HEALTH - ADV

Level: Advanced College Prep Credit: 0.5
Required of: All Students (*One Semester*)

This course covers a wide range of topics with emphasis placed on wellness. Students explore current global health issues as well as their own personal and specific spheres of physical, social, mental, and spiritual wellness. They learn how hundreds of choices made every day exert powerful influences on tomorrow's health. Students are challenged to identify their own strengths and liabilities in promoting general health and in communicating effectively. They learn to utilize problem solving/decision making skills to determine their own level of wellness. This course teaches students key concepts and skills for making positive changes in their health behaviors.

0985 FITNESS - ADV

Open to All Students (*One Semester*) Credit: 0.5
Course fee: \$90 for online course

This online class covers the components of fitness, the F.I.T.T. principle and developing a personal fitness plan, healthy eating, and fitness and safety. Students will further develop their skills of critical analysis and be encouraged to strengthen and deepen appreciation for the need for fitness.

E980 PE-TEAM SPORTS

Credit: 0.5

Students who participate on a Mercy athletic team will receive 0.5 credits in **PE-TEAM SPORTS**. Credit is awarded at the end of the first year of participation on a Mercy athletic team.

E990 PE-FITNESS PROGRAM

Open to All Students Credit: 0.5

Students may receive 0.5 credits for 30 hours participation in an extracurricular fitness program such as Tiger Trails Hiking Club, Dance classes, Archery training, Equestrian program, Sports Team, Cross Training.... The 30-hour participation must be verified by a letter from the coach, trainer, or instructor. Credit is awarded at the end of the school year.

PHYSICAL EDUCATION/HEALTH

A minimum of 1.0 credit is required.

Physical Education/Health credits include:

0.5 credit in Health (required)

and

0.5 credit in Fitness

or

PE-Team Sports

or

PE-Fitness Program

MERCY ONLINE SUMMER COURSES

Fitness N-P01

Health N-SP01

Mercy Learning Online Summer 2024

Mercy Learning Online is an educational program available to all Mercy secondary education schools. Mercy educators with a shared commitment to teaching in the tradition of Mercy develop, review and teach every online course. Online courses are developed with fidelity to the Mercy charism and academic excellence.

Mercy Learning Online Summer Program

June 10 - July 12, 2024

Tuition for 1/2 Credit Course - \$400.00

<https://mercyedu.org/programs/mlol/>

Tuition ~ Registration

1/2 Credit Courses - \$400.00

Registration for Mercy Learning opens March 15, 2024. Register online at the Mercy High website – www.mercyhigh.com. Click on **Summer Programs** to complete the registration form for summer classes and pay with credit card. Tuition is paid directly to Mercy High School and Mercy High reimburses Mercy Learning Online. The deadline for registration is June 1, 2024.

About MLOL Courses:

Mercy Learning Online courses are asynchronous. Students may access and complete material within the course session to accommodate their summer schedule; however, they must adhere to assignment due dates. All students participating in MLOL will be enrolled in an online orientation course. This will help them understand the expectations of the MLOL program and course and navigate Schoology (the platform used to deliver online courses) to access and submit assignments.

Mercy Learning Online Summer Courses 2024

AMERICAN GOVERNMENT - ADV N-SS01

In this 1/2 credit course, students will study the foundation, theory, structure and process of American government. Students will analyze the Constitution. They will learn the branches of government and their roles and functions. Through exploration of current governmental issues, public policy and the responsibilities of citizenship, students will further develop their skills of critical analysis.

(This course will fulfill the requirement for a one-semester course in Civics/Government.)

ANATOMY - ADV N-S02

In this 1/2 credit course, lessons include an introduction to anatomy including language, organ systems, and types of tissues; study of the skeletal and muscular systems; study of the cardiovascular and respiratory systems; study of the digestive and nervous systems; and study of the urinary system and reproductive systems. Each lesson includes material to read and sites to access for information. Assignments require writing, analysis, critical thinking, and demonstration of core knowledge and concepts.

ART HISTORY - ADV N-A01

In this 1/2 credit course, students will study the visual arts in historical and cultural contexts. Study ranges from Prehistoric through Egyptian Art up to Modern Art. Each topic includes information on the time period, its characteristics, key artists and key works. Students will further develop their skills of critical analysis and be encouraged to strengthen and deepen appreciation for the arts.

ASTRONOMY and COSMOLOGY - ADV N-S03

This ½ credit course introduces students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Students will be expected to make sky observations (no telescope required) with suggested objects to look for. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

Mercy Learning Online Summer Courses 2024

CREATIVE WRITING - ADV N-E05

Creative Writing is a form of art and personal expression. Writing expands one's understanding of the world, its people, and oneself. This ½ credit Creative Writing course is designed to aid students in their creative expression, as well as delivery of one's writing. Students will read and engage in activities/assignments about the craft of writing while also creating their own work. This new knowledge will be used to complete the required assignments. This course provides students the opportunity to create original forms of descriptive writing, poetry, drama, fiction, and nonfiction. Creative writing techniques and skills will be explored and applied.

DIGITAL MARKETING - ADV N-BT01

This performance-based course introduces students to the components of marketing, which utilize internet and online-based digital technologies and platforms to promote products and services. Students will learn the principles and design skills to digitally create advertisement layouts, websites, mobile app design, and social media campaigns. Units of study include Basics of Marketing and Promotion, Digital Advertising and Ethics, Layout and Page Design, Mobile App Design, Social Media Campaign, and Website Design.

ECONOMICS - ADV N-SS02

In this 1/2 credit course, students will study basic economic theory. Moreover, they will learn to apply basic economic concepts to real-world issues and problems. Knowledge of fundamental principles and application of theory will be addressed. Through this application, students will further develop their skills of critical analysis.

FITNESS N-P01

In this 1/2 credit course, the components of fitness, the F.I.T.T. principle and developing a personal fitness plan, fitness and safety, and healthy eating are the lessons included. Students will further develop their skills of critical analysis and be encouraged to strengthen and deepen appreciation for the need for fitness.

GLOBAL AFFAIRS - ADV N-SS10

In this ½ credit course students will explore a number of critical issues that face the global community. Topics will be chosen from historical and current economic, geographic, cultural and political issues. Study will focus on developing critical thinking skills.

HEALTH - ADV N-SP01

In this 1/2 credit course, students will learn about and research contemporary health issues. Students will be able to apply practices and habits that will enhance their general health. Using the four domains (physical, social, emotional, and intellectual) of health, students will be able to specify healthy and unhealthy practices within each domain. By recognizing and critically analyzing current health problems for adolescents, students will discover prevention techniques and solutions to implement into their own lives.

(This course will fulfill the requirement for a one-semester course in Health.)

INTRO TO PSYCHOLOGY – ADV N-SS03

In this 1/2 credit course, the focus will be on learning basic theories and principles of psychology. Major areas of the study of psychology will be considered. In exploring these areas, students will learn that the study of behavior and mental processes is extensive, interesting relative to everyday life. This course shall consider the areas of: Developmental Psychology, Learning/ Cognition, Emotion/ Motivation, Abnormal Psychology/Treatments, and Social Psychology. Students will further develop their skills of critical analysis and be encouraged to strengthen and deepen their understanding of the field of psychology.

SPEECH - ADV N-A03

In this 1/2 credit course, students will study the basic principles, components, and skills of effective speaking and listening. Study will include research, writing, speaking, listening, and evaluating. Students will study effective uses of rhetoric and persuasion.

STREET LAW - ADV N-SS09

In this ½ credit course, students will explore the knowledge and skills necessary to live in a lawful society. Topics will include the differences in Civil and Criminal law. A variety of resources will be used to enhance learning. This course is designed for students with an interest in the law and in the study of society.

Mercy Learning Online Summer Program

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Tuition for 1/2 Credit Course - \$400.00

<https://mercyedu.org/programs/mlol/>

COURSES AND CREDITS 2024-2025**THEOLOGY (pages 7-8) CREDITS**

0015 Catholic Christianity Adv	1.0
0025 Christian Morality Adv	1.0
0035 Catholic Social Teaching Adv	1.0
0045 World Religions Adv	1.0

AP CAPSTONE (page 9)

0079 Capstone Sem. AP	1.0
0089 Capstone Res. AP	1.0

ENGLISH (pages 10-12)

0111 English 1 H	1.0
0112 English 1 Adv	1.0
0121 English 2 H	1.0
0122 English 2 Adv	1.0
0131 English 3 H	1.0
0132 English 3 Adv	1.0
0139 English Lang AP	1.0
0141 English 4 H	1.0
0142 English 4 Adv	1.0
0149 English Lit AP	1.0
0161 Publishing H	1.0
0171 Dystopian Literature	0.5
0172 Dystopian Literature	0.5
0176 Creative Writing H	0.5
0177 Creative Writing Adv	0.5
0182 Acting 1 Adv	0.5

SAT PREP and**ACADEMIC SUPPORT (page 12)**

0090 SAT Prep	0.5
0190 Academic Support	1.0
0195 Academic Support	0.5

SOCIAL STUDIES (pages 13-17)

0211 World History H	1.0
0212 World History Adv	1.0
0216 The 20 th Century H	0.5
0217 The 20 th Century Adv	0.5
0219 World History: Modern AP	1.0
0236 Civics H	0.5
0237 Civics Adv	0.5
0228 Modern Western Trad. ECE	1.0
0231 U.S. History H	1.0
0232 U.S. History Adv	1.0
0238 U.S. History ECE	1.0
0239 U.S. History AP/ECE	1.0

SOCIAL STUDIES (p.13-17) CREDITS

0259 Psychology AP	1.0
0251a Psychology S1 H	0.5
0251b Psychology S2 H	0.5
0252a Psychology S1 Adv	0.5
0252b Psychology S2 Adv	0.5
0261 Sociology H	0.5
0262 Sociology Adv	0.5
0249 U.S. Government AP/ECE	1.0
0267 Global Affairs Adv	0.5
0272 Economics Adv	0.5
0286 Afr.Amer/Black & Latino H	0.5
0522 Biogeography 1 Adv	0.5
0527 Biogeography 2 Adv	0.5

FRENCH (page 18)

0351 French 1 H	1.0
0352 French 1 Adv	1.0
0361 French 2 H	1.0
0362 French 2 Adv	1.0
0371 French 3 H	1.0
0372 French 3 Adv	1.0
0381 French 4 H	1.0
0382 French 4 Adv	1.0
0391 French 5 H	1.0
0399 French 5 AP	1.0

SPANISH (pages 19-20)

0711 Spanish 1 H	1.0
0712 Spanish 1 Adv	1.0
0721 Spanish 2 H	1.0
0722 Spanish 2 Adv	1.0
0731 Spanish 3 H	1.0
0732 Spanish 3 Adv	1.0
0733 Spanish 3C Col	1.0
0743 Spanish 3D Col	1.0
0741 Spanish 4 H	1.0
0742 Spanish 4 Adv	1.0
0758 Spanish 5 ECE	1.0

ITALIAN (page 21)

0761 Italian 1 H	1.0
0762 Italian 1 Adv	1.0
0771 Italian 2 H	1.0
0772 Italian 2 Adv	1.0
0781 Italian Lang. & Culture H	1.0
0782 Italian Lang. & Culture Adv	1.0
0791 Italian Literature H	1.0
0792 Italian Literature Adv	1.0

MATHEMATICS (p. 22-23) CREDITS

0411 Algebra 1 H	1.0
0412 Algebra 1 Adv	1.0
0413 Algebra 1 Col	1.0
0421 Geometry H	1.0
0422 Geometry Adv	1.0
0423 Geometry Col	1.0
0431 Algebra 2 H	1.0
0432 Algebra 2 Adv	1.0
0433 Algebra 2 Col	1.0
0441 Pre-Calculus H	1.0
0442 Pre-Calculus Adv	1.0
0452 Statistics Adv	1.0
0457 Statistics S1 Adv	0.5
0459 Statistics AP/ECE	1.0
0461 Calculus H	1.0
0469 Calculus AB AP	1.0

SCIENCE (pages 24-27)

0511 Biology H	1.0
0512 Biology Adv	1.0
0529 Biology AP	1.0
0531 Chemistry H	1.0
0532 Chemistry Adv	1.0
0537 Conceptual Chemistry Adv	1.0
0539 Chemistry AP	1.0
0541 Physics H	1.0
0542 Physics Adv	1.0
0547 Conceptual Physics Adv	1.0
0549 Physics 1 AP	1.0
0569 Physics 2 AP	1.0
0551 Anatomy & Physiology H	1.0
0567 Astronomy/Cosmology Adv	0.5
0576 Neuroscience H	0.5
0577 Neuroscience Adv	0.5
0581 Current Issues in Science H	1.0
0502 Scientific Illustration Adv	0.5
0522 Biogeography 1 Adv	0.5
0527 Biogeography 2 Adv	0.5

TECHNOLOGY/BUSINESS p 28-29 CREDITS

0602 Tech. Fundamentals Adv	0.5
0612 Design Prin & Photoshop Adv	0.5
0616 Design Principles & Premier H	0.5
0651 Intro to Computer Science H	0.5
0659 Computer. Science A AP	1.0
0669 Comp. Science Principles AP	1.0
0626 Video Game Design H	0.5
0631 Data Science with Python H	0.5
0637 Bus/Per. Finance Adv	0.5
0642 Digital Marketing Adv	0.5
0646 Accounting H	0.5

POST UNIVERSITY -**HIGH SCHOOL ACADEMY p.30-32**

0661 Principles of Management DE	0.5
0662 Foundations of Leadership DE	0.5
0663 Foundations Sport Management DE	0.5

MERCY BUSINESS ACADEMY p. 33-34

Business Academy Application
Statement of Commitment

POST UNIVERSITY**- ONLINE COURSES pages.31-32****CTC101 – College Success Seminar**

NG 110 -	College Writing
CIS 110 -	Digital Skills for College and Career
COM 107 -	Introduction to Communication
ACC 111 -	Financial Accounting
ACC 211 -	Managerial Accounting
IN 201 -	Principles of Finance
MKT 200 -	Principles of Marketing
CRJ 101 -	Introduction to Criminal Justice
CRJ 180 -	Forensic Science 1
EMH101	Emerg. Management/Homeland Security
LAW 101 -	Introduction to Law
IO 150 –	Nutrition
EQU 105 -	Exploring the Equine Industry
CHS 101 -	Essentials of Early Childhood Studies

FINE ARTS (pages 35-37) CREDITS

0820 Concert Choir Adv	1.0
0825 Concert Choir (Sem) Adv	0.5
0830 Beginner Guitar Adv	0.5
0835 Guitar 2 Adv	0.5
0840 Chamber Choir H	1.0
0850 Orchestra Adv	1.0
0855 Orchestra (Sem) Adv	0.5
0860 Fundamental Piano Adv	0.5
0865 Piano 2 Adv	0.5
0870 Music Production Adv	0.5
0905 Watercolor	0.5
0915 Basic Art	0.5
0925 Ceramics 1	0.5
0930 Ceramics 2	0.5
0955 Drawing & Design	0.5
0965 Studio Art (Sem)	0.5
0960 Studio Art	1.0
0502 Scientific Illustration Adv	0.5

PHYS ED & HEALTH (page 38)

0970 Health Adv	0.5
0985 Fitness Adv	0.5
E980 PE-Team Sports	0.5
E990 PE-Fitness Program	0.5

**Please register for the following
summer classes on the
Mercy High School website.**

MERCY ONLINE

SUMMER COURSES pages.39-40

N-SS01	American Government	0.5
N-S02	Anatomy	0.5
N-A01	Art History	0.5
N-S03	Astronomy/Cosmology	0.5
N-E05	Creative Writing	0.5
N-SS02	Economics	0.5
N-P01	Fitness	0.5
N-SS10	Global Affairs	0.5
N-SP01	Health	0.5
N-SS03	Intro to Psychology	0.5
N-A03	Speech	0.5
N-SS09	Street Law	0.5

MERCY SUMMER COURSES page 41

S602	Tech Fundamentals	0.5
S020	Mercy Advantage	0.5
S060	AP Skills Prep	0.0