COURSE DESCRIPTIONS

2019 - 2020

Challenging young women to grow academically, emotionally, socially, aesthetically, and spiritually, since 1963.
DIRECTIONS FOR TEACHER RECOMMENDATIONS AND SIGNATURES

ENGLISH  Signature and course number by English teacher.

SOCIAL STUDIES  Signature and course number by present Social Studies teacher. If not taking a Social Studies course presently, the recommendation and signature is by the English teacher.

WORLD LANGUAGE  Signature and course number by present World Language teacher.

MATHEMATICS  Signature and course number by the present Math teacher.

SCIENCE  Signature and course number by present Science teacher.
   Chemistry/Physics  Get recommendations for Math and English courses before getting Science teacher’s signature.

FINE ARTS
   Chamber Choir  Signature by Ms. Gage
   Studio Art  Signature by Mrs. Dowd

TECHNOLOGY
   Mrs. Bullock or Mrs. Curello may sign for the following courses:
   651, 659, 669, 672, 677, 682, 687

Your School Counselor may sign for the following courses:
   160, 170, 175, 190, 602, 617, 637, 647, 805, 815, 820, 825, 850, 855, 865,
   880, 915, 920, 945, 955, 962, 985, 1010

TO THE STUDENTS:
The Course Descriptions booklet contains information about the courses that will be offered next year and explains the recommended four-year program of study. Certain courses are required each year, but some choices are available to you. All students must submit course selection forms whether or not they intend to return to Mercy High School. Consult the Course Descriptions booklet for course numbers, levels, and prerequisites.

All freshwomen take a minimum of 6.5 credits. Sophomores take a minimum of 6.5 credits. Juniors take a minimum of 6.25 credits, and Seniors take a minimum of 5.75 credits. You are strongly encouraged to select additional elective course(s).

The following steps are to be followed - in this order:
   · 1. Read the Course Descriptions booklet.
   · 2. List the courses for next year IN PENCIL on the Course Selection Form.
   · 3. Get the necessary teacher signatures for each course by Tuesday – March 5.
   · 4. Write any special scheduling requests in the Special Requests box.
   · 5. Sign the form yourself and get your parent’s signature.
   · 6. Return the completed and signed form to your School Counselor by Thursday – March 7.
<table>
<thead>
<tr>
<th>THEOLOGY</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>012 Theology 1 Adv</td>
<td>6</td>
</tr>
<tr>
<td>022 Theology 2 Adv</td>
<td>6</td>
</tr>
<tr>
<td>032 Theology 3 Adv</td>
<td>6</td>
</tr>
<tr>
<td>042 Theology 4 Adv</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AP CAPSTONE</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1019 AP Capstone Seminar</td>
<td>7</td>
</tr>
<tr>
<td>1029 AP Capstone Research</td>
<td>7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>111 English 1 H</td>
<td>8</td>
</tr>
<tr>
<td>112 English 1 Adv</td>
<td>8</td>
</tr>
<tr>
<td>121 English 2 H</td>
<td>8</td>
</tr>
<tr>
<td>122 English 2 Adv</td>
<td>8</td>
</tr>
<tr>
<td>131 English 3 H</td>
<td>8</td>
</tr>
<tr>
<td>132 English 3 Adv</td>
<td>8</td>
</tr>
<tr>
<td>139 English Language AP</td>
<td>8</td>
</tr>
<tr>
<td>141 English 4 H</td>
<td>9</td>
</tr>
<tr>
<td>142 English 4 Adv</td>
<td>9</td>
</tr>
<tr>
<td>149 English Literature AP</td>
<td>9</td>
</tr>
<tr>
<td>160 Publishing</td>
<td>9</td>
</tr>
<tr>
<td>170 Public Speaking</td>
<td>9</td>
</tr>
<tr>
<td>175 Creative Writing</td>
<td>9</td>
</tr>
<tr>
<td>1010 SAT Prep</td>
<td>9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOCIAL STUDIES</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>211 World History H</td>
<td>10</td>
</tr>
<tr>
<td>212 World History Adv</td>
<td>10</td>
</tr>
<tr>
<td>219 World History AP</td>
<td>10</td>
</tr>
<tr>
<td>221 Modern History H</td>
<td>10</td>
</tr>
<tr>
<td>222 Modern History Adv</td>
<td>10</td>
</tr>
<tr>
<td>236 Civics H</td>
<td>10</td>
</tr>
<tr>
<td>237 Civics Adv</td>
<td>10</td>
</tr>
<tr>
<td>231 U.S. History H</td>
<td>11</td>
</tr>
<tr>
<td>232 U.S. History Adv</td>
<td>11</td>
</tr>
<tr>
<td>239 U.S. History AP/ECE</td>
<td>11</td>
</tr>
<tr>
<td>229 European History AP/ECE</td>
<td>11</td>
</tr>
<tr>
<td>(will not be offered in 2019-2020)</td>
<td></td>
</tr>
<tr>
<td>249 U.S. Government AP</td>
<td>11</td>
</tr>
<tr>
<td>251 Psychology H</td>
<td>12</td>
</tr>
<tr>
<td>252 Psychology Adv</td>
<td>12</td>
</tr>
<tr>
<td>256 Psychology S1 H</td>
<td>12</td>
</tr>
<tr>
<td>257 Psychology S1 Adv</td>
<td>12</td>
</tr>
<tr>
<td>259 Psychology AP</td>
<td>12</td>
</tr>
<tr>
<td>281 Introduction to Law H</td>
<td>12</td>
</tr>
<tr>
<td>262 Sociology Adv</td>
<td>13</td>
</tr>
<tr>
<td>272 Economics Adv</td>
<td>13</td>
</tr>
<tr>
<td>522 Biogeography 1 Adv</td>
<td>13</td>
</tr>
<tr>
<td>527 Biogeography 2 Adv</td>
<td>13</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATHEMATICS</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>411 Algebra 1 H</td>
<td>14</td>
</tr>
<tr>
<td>412 Algebra 1 Adv</td>
<td>14</td>
</tr>
<tr>
<td>413 Algebra 1 Col</td>
<td>14</td>
</tr>
<tr>
<td>421 Geometry H</td>
<td>14</td>
</tr>
<tr>
<td>422 Geometry Adv</td>
<td>14</td>
</tr>
<tr>
<td>423 Geometry Col</td>
<td>14</td>
</tr>
<tr>
<td>431 Algebra 2 H</td>
<td>14</td>
</tr>
<tr>
<td>432 Algebra 2 Adv</td>
<td>14</td>
</tr>
<tr>
<td>433 Algebra 2 Col</td>
<td>14</td>
</tr>
<tr>
<td>443 Adv. Algebra Col</td>
<td>14</td>
</tr>
<tr>
<td>441 Pre-Calculus H</td>
<td>15</td>
</tr>
<tr>
<td>442 Pre-Calculus Adv</td>
<td>15</td>
</tr>
<tr>
<td>449 Calculus AP</td>
<td>15</td>
</tr>
<tr>
<td>452 Statistics Adv</td>
<td>15</td>
</tr>
<tr>
<td>457 Statistics S1 Adv</td>
<td>15</td>
</tr>
<tr>
<td>459 Statistics AP</td>
<td>15</td>
</tr>
<tr>
<td>1010 SAT Prep</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SCIENCE</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>511 Biology H</td>
<td>16</td>
</tr>
<tr>
<td>512 Biology Adv</td>
<td>16</td>
</tr>
<tr>
<td>531 Chemistry H</td>
<td>16</td>
</tr>
<tr>
<td>532 Chemistry Adv</td>
<td>16</td>
</tr>
<tr>
<td>537 Conceptual Chemistry Adv</td>
<td>16</td>
</tr>
<tr>
<td>541 Physics H</td>
<td>16</td>
</tr>
<tr>
<td>542 Physics Adv</td>
<td>16</td>
</tr>
<tr>
<td>547 Conceptual Physics Adv</td>
<td>16</td>
</tr>
<tr>
<td>551 Physiology H</td>
<td>17</td>
</tr>
<tr>
<td>552 Physiology Adv</td>
<td>17</td>
</tr>
<tr>
<td>571 Neuroscience H</td>
<td>17</td>
</tr>
<tr>
<td>572 Neuroscience Adv</td>
<td>17</td>
</tr>
<tr>
<td>561 Biochemistry H</td>
<td>17</td>
</tr>
<tr>
<td>502 Astronomy &amp; Cosmology Adv</td>
<td>17</td>
</tr>
<tr>
<td>505 Scientific Illustration</td>
<td>18</td>
</tr>
<tr>
<td>522 Biogeography 1 Adv</td>
<td>18</td>
</tr>
<tr>
<td>527 Biogeography 2 Adv</td>
<td>18</td>
</tr>
<tr>
<td>567 Medical Botany Adv</td>
<td>18</td>
</tr>
<tr>
<td>582 Medical Terminology Adv</td>
<td>18</td>
</tr>
<tr>
<td>592 Intro to Forensics Adv</td>
<td>18</td>
</tr>
<tr>
<td>(will not be offered in 2019-2020)</td>
<td></td>
</tr>
<tr>
<td>529 Biology AP</td>
<td>19</td>
</tr>
<tr>
<td>539 Chemistry AP</td>
<td>19</td>
</tr>
<tr>
<td>549 Physics 1 AP</td>
<td>19</td>
</tr>
<tr>
<td>569 Physics 2 AP</td>
<td>19</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Latin</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>311 Latin 1 H</td>
<td>20</td>
</tr>
<tr>
<td>312 Latin 1 Adv</td>
<td>20</td>
</tr>
<tr>
<td>321 Latin 2 H</td>
<td>20</td>
</tr>
<tr>
<td>322 Latin 2 Adv</td>
<td>20</td>
</tr>
<tr>
<td>331 Latin 3 H</td>
<td>20</td>
</tr>
<tr>
<td>301 Latin Lit: Ovid &amp; Petronius H</td>
<td>20</td>
</tr>
<tr>
<td>341 Latin Lit: Vergil H</td>
<td>20</td>
</tr>
<tr>
<td>(will not be offered in 2019-2020)</td>
<td></td>
</tr>
<tr>
<td>FRENCH</td>
<td>Page</td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>351 French 1 H</td>
<td>21</td>
</tr>
<tr>
<td>352 French 1 Adv</td>
<td>21</td>
</tr>
<tr>
<td>361 French 2 H</td>
<td>21</td>
</tr>
<tr>
<td>362 French 2 Adv</td>
<td>21</td>
</tr>
<tr>
<td>371 French 3 H</td>
<td>21</td>
</tr>
<tr>
<td>372 French 3 Adv</td>
<td>21</td>
</tr>
<tr>
<td>381 French 4 H</td>
<td>21</td>
</tr>
<tr>
<td>382 French 4 Adv</td>
<td>21</td>
</tr>
<tr>
<td>399 French 5 AP</td>
<td>21</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPANISH</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>711 Spanish 1 H</td>
<td>22</td>
</tr>
<tr>
<td>712 Spanish 1 Adv</td>
<td>22</td>
</tr>
<tr>
<td>713 Spanish 1 Col</td>
<td>22</td>
</tr>
<tr>
<td>721 Spanish 2 H</td>
<td>22</td>
</tr>
<tr>
<td>722 Spanish 2 Adv</td>
<td>22</td>
</tr>
<tr>
<td>723 Spanish 2 Col</td>
<td>22</td>
</tr>
<tr>
<td>731 Spanish 3 H</td>
<td>22</td>
</tr>
<tr>
<td>732 Spanish 3 Adv</td>
<td>22</td>
</tr>
<tr>
<td>733 Spanish 3 Col</td>
<td>23</td>
</tr>
<tr>
<td>741 Spanish 4 H</td>
<td>23</td>
</tr>
<tr>
<td>742 Spanish 4 Adv</td>
<td>23</td>
</tr>
<tr>
<td>752 Spanish 5 Adv</td>
<td>23</td>
</tr>
<tr>
<td>759 Spanish 5 AP/ECE</td>
<td>23</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITALIAN</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>761 Italian 1 H</td>
<td>24</td>
</tr>
<tr>
<td>762 Italian 1 Adv</td>
<td>24</td>
</tr>
<tr>
<td>771 Italian 2 H</td>
<td>24</td>
</tr>
<tr>
<td>772 Italian 2 Adv</td>
<td>24</td>
</tr>
<tr>
<td>781 Italian 3 H</td>
<td>24</td>
</tr>
<tr>
<td>782 Italian 3 Adv</td>
<td>24</td>
</tr>
<tr>
<td>791 Italian 4 H</td>
<td>24</td>
</tr>
<tr>
<td>792 Italian 4 Adv</td>
<td>24</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TECHNOLOGY &amp; BUSINESS</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>602 Tech. Fundamentals Adv</td>
<td>25</td>
</tr>
<tr>
<td>617 Computer Apps Adv</td>
<td>25</td>
</tr>
<tr>
<td>160 Publishing</td>
<td>25</td>
</tr>
<tr>
<td>651 Intro to Computer Science H</td>
<td>25</td>
</tr>
<tr>
<td>659 Computer Science A AP</td>
<td>25</td>
</tr>
<tr>
<td>669 Comp. Science Principles AP</td>
<td>25</td>
</tr>
<tr>
<td>672 Game Design Adv</td>
<td>26</td>
</tr>
<tr>
<td>677 Fashion Design Adv</td>
<td>26</td>
</tr>
<tr>
<td>682 3D Animation Adv</td>
<td>26</td>
</tr>
<tr>
<td>687 3D Character Animation Adv</td>
<td>26</td>
</tr>
<tr>
<td>637 Bus./Pers. Finance 1 Adv</td>
<td>27</td>
</tr>
<tr>
<td>647 Bus./Pers. Finance 2 Adv</td>
<td>27</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHYSICAL EDUCATION</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>962 Health Adv</td>
<td>27</td>
</tr>
<tr>
<td>970 Phys. Ed 1</td>
<td>27</td>
</tr>
<tr>
<td>975 Phys. Ed 2</td>
<td>27</td>
</tr>
<tr>
<td>985 PE - Fitness</td>
<td>27</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACADEMIC SUPPORT</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>190 Academic Support</td>
<td>27</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FINE ARTS</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>805 American Musical Theater</td>
<td>28</td>
</tr>
<tr>
<td>815 Pop Music in 20th Century</td>
<td>28</td>
</tr>
<tr>
<td>820 Concert Choir</td>
<td>28</td>
</tr>
<tr>
<td>825 Concert Choir – Sem</td>
<td>28</td>
</tr>
<tr>
<td>840 Chamber Choir</td>
<td>28</td>
</tr>
<tr>
<td>850 Orchestra</td>
<td>28</td>
</tr>
<tr>
<td>855 Orchestra – Sem</td>
<td>28</td>
</tr>
<tr>
<td>865 Intro to Music Recording</td>
<td>28</td>
</tr>
<tr>
<td>880 Digital Photography</td>
<td>29</td>
</tr>
<tr>
<td>900 Studio Art</td>
<td>29</td>
</tr>
<tr>
<td>915 Basic Art</td>
<td>29</td>
</tr>
<tr>
<td>920 Ceramics</td>
<td>29</td>
</tr>
<tr>
<td>945 Contemporary Crafts</td>
<td>30</td>
</tr>
<tr>
<td>955 Drawing &amp; Design</td>
<td>30</td>
</tr>
<tr>
<td>505 Scientific Illustration</td>
<td>30</td>
</tr>
<tr>
<td>672 Game Design Adv</td>
<td>30</td>
</tr>
<tr>
<td>677 Fashion Design Adv</td>
<td>30</td>
</tr>
<tr>
<td>682 3D Animation Adv</td>
<td>31</td>
</tr>
<tr>
<td>687 3D Character Animation Adv</td>
<td>31</td>
</tr>
</tbody>
</table>

| MERCY HIGH SCHOOL                          | Page |
| SUMMER COURSES                             |      |
| S602 Tech Fundamentals Adv                 | 31   |
| S060 AP Skills Prep                        | 31   |

<table>
<thead>
<tr>
<th>MERCY EXTRA-CURRICULAR CREDIT COURSES</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>E280 Mock Trial</td>
<td>32</td>
</tr>
<tr>
<td>E590 Robotics</td>
<td>32</td>
</tr>
<tr>
<td>E870 Show Choir</td>
<td>32</td>
</tr>
<tr>
<td>E980 PE – Sports</td>
<td>32</td>
</tr>
</tbody>
</table>

| MERCY LEARNING ONLINE                      | Page |
| SUMMER COURSES                             |      |
| N-SS01 American Government                 | 35   |
| N-S02 Anatomy                              | 35   |
| N-A01 Art History                          | 35   |
| N-E05 Creative Writing                     | 35   |
| N-S03 Astronomy & Cosmology                | 35   |
| N-SS02 Economics                           | 35   |
| N-P01 Fitness                              | 35   |
| N-SS10 Global Affairs                      | 35   |
| N-SP01 Health                              | 36   |
| N-SS03 Intro to Psychology                 | 36   |
| N-AM01 Music Appreciation                  | 36   |
| N-A03 Speech                               | 36   |
| N-SS09 Street Law                          | 36   |

Registration Forms (at end of book)
Mercy Learning Online Summer Courses
Mercy High School Summer Courses
MISSION STATEMENT

Mercy High School is a Christ-centered Catholic diocesan college preparatory high school for young women. In the tradition of the Sisters of Mercy and their Foundress, Catherine McAuley, each student is challenged to grow academically, emotionally, socially, aesthetically and spiritually. Each student is encouraged to recognize the abilities and strengths that will enable her to achieve her potential. The Mercy charism inspires students to respect the dignity of others and to provide leadership and service that foster community, understanding and compassion in local and global environments. Mercy is committed to providing a challenging educational experience in a safe and nurturing environment. The school responds to individual needs and provides students with the technological and social skills needed in the 21st Century.

GRADUATION REQUIREMENTS

All students must complete at least 25 credits for graduation. In addition to credits earned in religious studies and physical education, 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 ½ credit in civics/government.
- **World Language**: a minimum of 2 credits
- **Technology**: a minimum of ½ credit
- **Health**: ½ credit

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

All freshwomen take a minimum of 6.5 credits. Sophomores take a minimum of 6.5 credits. Juniors take a minimum of 6.25 credits, and Seniors take a minimum of 5.75 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 are advised to sketch out a tentative four year plan in order to be sure of fulfilling all requirements for graduation as well as those of specific college programs. Students should consult with their present teachers, department chairpersons, or guidance counselor for any help they need in making a final course selection for the next academic year. Parents are asked to check course selections carefully before signing. Placement in a particular class or level depends on past performance and the recommendation of the student's teacher and guidance counselor. The final decision rests with the dean of academics and technology.

After September 13, no student may withdraw from a course or change her schedule without the express permission of the dean 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 **WF (Withdraw/Fail)** in that course. No student may withdraw from a semester two course after February 1.

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, Latin, Italian)
- 3-4 years of social studies
- ½-1 year of technology
- 1 year of fine arts

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, English Language and Composition, English Literature and Composition, World History, U.S. History, European History, U.S. Government, Statistics, Calculus, Biology, Chemistry, Physics 1, Physics 2, French 5, Spanish 5, Latin, AP Capstone Seminar, AP 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 2019-2020 academic year and/or during the summer of 2019. Fees associated with the online courses help to pay for course access at Mercy Learning Online, Edhesive.com and Apexlearning.com.

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. Mercy High School offers U.S. History, European History and Spanish 5 as part of the UConn Early College Experience program.

UConn ECE students must successfully complete the course with a grade of C or above in order to receive University credit. University credits are highly transferable to other colleges and universities. Students are charged a $35 per credit fee plus a $20 resource fee. For additional program information visit: www.ece.uconn.edu.

LIBRARY MEDIA CENTER
The Library Media Center provides the school with an enriched environment containing a variety of materials that invite intellectual growth and aid all students in acquiring critical skills needed for information literacy.

Each September, freshwomen and transfer students partake in library orientation classes which demonstrate the library databases and effective use of online searches.

During the school year, teachers sign up to bring their classes to the library for research on the subscribed databases. The media specialist collaborates with teachers prior to coming to the library for research time, so as to prepare the best support to the class. Appropriate databases, websites, and reference materials are chosen based on grade level/assignment and then explained by the media specialist using the digital projector and screen.

There is a link to the library media center on the Mercy High School webpage to promote online databases, to access Destiny, our online catalog, and to promote student/teacher awareness of what the library has to offer.
## COURSE LEVELS

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

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>COL College Prep</td>
</tr>
<tr>
<td>2</td>
<td>ADV Advanced College Prep</td>
</tr>
<tr>
<td>3</td>
<td>H Honors</td>
</tr>
<tr>
<td>4</td>
<td>AP Advanced Placement/ECE</td>
</tr>
<tr>
<td>5</td>
<td>Unleveled Courses</td>
</tr>
</tbody>
</table>

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

## CURRICULUM OFFERINGS

### COLLEGE PREP COURSES

Algebra 1, Geometry, Algebra 2, Advanced Algebra, Spanish 1, 2, 3

### ADVANCED COLLEGE PREP COURSES

Theology 1, 2, 3, 4; English 1, 2, 3, 4; World History, Modern History, Civics, U.S. History, Psychology, Sociology, Economics, Italian 1, 2, 3, 4; French 1, 2, 3, 4; Latin 1, 2; Spanish 1, 2, 3, 4, 5; Algebra 1, Geometry, Algebra 2, Pre-Calculus, Statistics, Biology, Chemistry, Physics, Physiology, Neuroscience, Medical Botany, Astronomy and Cosmology, Intro to Forensics, Health, Medical Terminology, Technology Fundamentals, Computer Apps, Business & Personal Finance 1, 2; 3D Game Design, Fashion Design, 3D Animation, 3D Character Animation

### HONORS COURSES

English 1, 2, 3, 4; World History, Modern History, Civics, U.S. History, Psychology, Intro to Law, French 1, 2, 3, 4; Spanish 1, 2, 3, 4; Italian 1,2, 3, 4; Latin 1, 2, 3; Latin Literature Vergil, Latin Literature Ovid & Petronius, Algebra 1, Geometry, Algebra 2, Pre-Calculus, Physiology, Biology, Chemistry, Physics, Neuroscience, Biochemistry, Intro to Computer Science

### ADVANCED PLACEMENT COURSES


### UNIVERSITY OF CONNECTICUT EARLY COLLEGE EXPERIENCE PROGRAM

Spanish 5, U.S. History, European History

### UNLEVELED COURSES

Basic Art, Ceramics, Contemporary Crafts, Studio Art, Drawing & Design, Scientific Illustration, Digital Photography, American Musical Theater, Pop Music in the 20th Century, Intro to Music Recording, Concert Choir, Chamber Choir, Orchestra, Publishing, Creative Writing, Phys. Ed. 1, 2; PE-Fitness

### MERCY ONLINE SUMMER COURSES


### MERCY EXTRA-CURRICULAR COURSES

Robotics, Show Choir, Mock Trial, PE-Sports

### MERCY HIGH SUMMER COURSE

Tech Fundamentals, AP Skills Prep
<table>
<thead>
<tr>
<th>FRESHWOMAN COURSE</th>
<th>CREDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theology 1</td>
<td>_____</td>
</tr>
<tr>
<td>Physical Education 1</td>
<td>_____</td>
</tr>
<tr>
<td>English</td>
<td>_____</td>
</tr>
<tr>
<td>Science</td>
<td>_____</td>
</tr>
<tr>
<td>Mathematics</td>
<td>_____</td>
</tr>
<tr>
<td>Social Studies</td>
<td>_____</td>
</tr>
<tr>
<td>World Language</td>
<td>_____</td>
</tr>
<tr>
<td>Technology</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
</tbody>
</table>

TOTAL CREDITS: _____

<table>
<thead>
<tr>
<th>SOPHOMORE COURSE</th>
<th>CREDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theology 2</td>
<td>_____</td>
</tr>
<tr>
<td>Physical Education 2</td>
<td>_____</td>
</tr>
<tr>
<td>English</td>
<td>_____</td>
</tr>
<tr>
<td>Science</td>
<td>_____</td>
</tr>
<tr>
<td>Mathematics</td>
<td>_____</td>
</tr>
<tr>
<td>Social Studies</td>
<td>_____</td>
</tr>
<tr>
<td>World Language</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
</tbody>
</table>

TOTAL CREDITS: _____

<table>
<thead>
<tr>
<th>JUNIOR COURSE</th>
<th>CREDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theology 3</td>
<td>_____</td>
</tr>
<tr>
<td>English</td>
<td>_____</td>
</tr>
<tr>
<td>Science</td>
<td>_____</td>
</tr>
<tr>
<td>Mathematics</td>
<td>_____</td>
</tr>
<tr>
<td>Social Studies</td>
<td>_____</td>
</tr>
<tr>
<td>World Language</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
</tbody>
</table>

TOTAL CREDITS: _____

<table>
<thead>
<tr>
<th>SENIOR COURSE</th>
<th>CREDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theology 4</td>
<td>_____</td>
</tr>
<tr>
<td>English</td>
<td>_____</td>
</tr>
<tr>
<td>Science</td>
<td>_____</td>
</tr>
<tr>
<td>Mathematics</td>
<td>_____</td>
</tr>
<tr>
<td>Social Studies</td>
<td>_____</td>
</tr>
<tr>
<td>World Language</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
<tr>
<td>Elective</td>
<td>_____</td>
</tr>
</tbody>
</table>

TOTAL CREDITS: _____
MERCY HIGH SCHOOL

GRADING SYSTEM

Mercy High School uses a weighted Grade Point Average (GPA) based on a 4.0 scale. The weighted GPA takes into account 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 following scales apply to one credit courses.

To compute points for 0.5 credit courses, multiply by 0.5.
For 1.25 credit courses, multiply by 1.25.
For 1.125 credit courses, multiply by 1.125; for 0.75 credit courses, multiply by 0.75.

<table>
<thead>
<tr>
<th>GRADES ~ COURSE LEVELS ~ QUALITY POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GRADES</strong></td>
</tr>
<tr>
<td><strong>Letter Grade</strong></td>
</tr>
<tr>
<td>A+</td>
</tr>
<tr>
<td>A</td>
</tr>
<tr>
<td>A-</td>
</tr>
<tr>
<td>B+</td>
</tr>
<tr>
<td>B</td>
</tr>
<tr>
<td>B-</td>
</tr>
<tr>
<td>C+</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>C-</td>
</tr>
<tr>
<td>D+</td>
</tr>
<tr>
<td>D</td>
</tr>
<tr>
<td>F</td>
</tr>
</tbody>
</table>
#012 THEOLOGY 1 - ADV
Level: Advanced College Prep  Credit: 0.75
Required of: Freshwomen

Our Catholic Faith - Understanding Catholic Christianity
The objectives of this course are to help freshwomen begin
to develop a unique and personal relationship with God; to help them develop a living, explicit, and active faith through formation in doctrine and the experience of Christian living; to give students from diverse religious upbringing and backgrounds an understanding of the basics of the Catholic faith, with a common vocabulary and unified vision of the whole of the Catholic heritage; to help students learn, appreciate, and begin to actively participate in the Mercy traditions which are at the core of the Mercy High School community and the Mercy community at large; to help students build good character and to develop Christian life skills.

#022 THEOLOGY 2 - ADV
Level: Advanced College Prep  Credit: 0.75
Required of: Sophomores

Morality - A Response to God’s Love – Foundations in Catholic Morality
The Sophomore Theology course strives to help students become aware of their responsibility to develop an informed conscience as well as attitudes about morality and decision-making in keeping with the values of the gospel in the Catholic tradition. Students study the Ten Commandments and how they connect into Jesus’ call to love God above all and our neighbors as ourselves. Students learn the nine essential steps to living a Christian moral life. The course also strives to help students 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.

#032 THEOLOGY 3 - ADV
Level: Advanced College Prep  Credit: 0.75
Required of: Juniors

Learning and Living Justice – Foundations of Catholic Social Teaching
The Junior Theology course focuses on the issues of peace and justice in order to assist in the faith development of the student. The students begin to have a sense of community awareness and responsibility as Christian Catholic citizens of America and our global village. This course is centered around the Seven Themes of Catholic Social Teaching. This course addresses how society should function so that all individuals can better fulfill their earthly journey of discipleship and ultimately achieve union with God in eternity. This course also helps students have an awareness of the unique dignity that all human beings enjoy by virtue of being made in God’s image and the corresponding respect for all human life that accompanies that realization.

#042 THEOLOGY 4 - ADV
Level: Advanced College Prep  Credit: 0.75
Required of: Seniors

Exploring the Religions of the World
This course responds to the Council document Nostra Aetate (In Our Times) whereby we are called to have a mutual understanding between Catholics and other religious traditions. Students study several world religions and other Christian denominations with “high regard for the manner of life and conduct, the precepts and doctrine.” Although perhaps different from their own beliefs, students are encouraged to enter into dialogue and collaboration with other students about the different religious origins, teachings and practices for a greater understanding of the different religious beliefs.
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.

#1019 AP CAPSTONE SEMINAR
Level: Advanced Placement  Credit: 1
Open to: Select Juniors
Prerequisite: English 2 H;
Recommendation of World History AP teacher or English 2 H teacher

Course fee: $150 – for AP exam and materials

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 AP Capstone Seminar, students will have the opportunity to further hone their inquiry and analytical writing skills in AP Capstone Research.

#1029 AP CAPSTONE RESEARCH
Level: Advanced Placement  Credit: 1
Open to: Select Seniors
Prerequisite: AP Capstone Seminar
Recommendation of AP Capstone teacher

Course fee: $150 – for AP exam and materials

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
The English 1 Honors course invites students to carefully read, analyze, and evaluate short stories, dramas, poems, essays, and novels from various genres and time periods. They are also asked to develop their grammar, composition, and critical thinking skills with material selected to challenge and inspire highly motivated students; in essence they are welcomed into Mercy High School's fine community of readers, writers, and speakers.

The English 1 Advanced College Prep course invites students to improve literacy skills through the study of short stories, dramas, poems, essays, and novels from various genres and time periods. Students will continue to develop their knowledge of vocabulary and grammar to enhance their writing and reading abilities.

Students study and analyze challenging and varied selections of classic and modern world literature. Throughout the course, students develop abilities in critical thinking, grammar, vocabulary, and writing. Students are encouraged to express, support, and share their personal responses to literature. Individual and collaborative projects create student-centered classes.

Students read a variety of classic and modern world literature from authors ranging from Shakespeare to James McBride. Throughout the course, they develop their skills in vocabulary, grammar, critical thinking and writing. The course includes individual and collaborative projects.

This in-depth coverage of major works of American literature provides students with an opportunity to discover recurring themes and ideas of major importance within those works. Composition work emphasizes both critical thinking and personal as well as analytical responses to literature. Vocabulary study, grammar and usage skills are refined during the writing process.

Students study American novels and plays, as well as the works of corresponding authors and themes. Texts include The Great Gatsby, To Kill a Mockingbird, The Crucible, and A Streetcar Named Desire. Writing, grammar and usage, and vocabulary study are also stressed.

AP English Language is a writing-intensive course that studies predominantly non-fiction. Students expand on skills for expository, analytical, and argumentative writing that will serve them at the college level. The course enables students to become advanced readers of prose written in a variety of rhetorical contexts as they become more aware of the interactions among a writer’s purpose, audience expectations, and subjects as well as the way the resources of language contribute to the effectiveness in writing. Students take the AP English Language and Composition Exam in May.
#141 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.

#142 ENGLISH 4 - ADV
Level: Advanced College Prep 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.

#149 ENGLISH LITERATURE - AP
Level: Advanced Placement Credit: 1
Open to: Select Seniors
Prerequisite: Recommendation of present English teacher

Course fee: $100 – for AP exam and materials

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.

#175 CREATIVE WRITING Credit: 0.5
Open to: Sophomores, Juniors and Seniors (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.

#1010 SAT PREP
Open to: Juniors
Course fee: $75 - for testing and materials used in class

SAT Review is a one-semester course that provides juniors with the opportunity to prepare intensively 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.

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. Each unit of study includes instruction on the given topic, followed by guided practice and, finally, individual completion of practice tests. Grading is done on a pass-fail basis, based on a student’s effort, attentiveness and involvement during each class.

#160 PUBLISHING 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.

170 PUBLIC SPEAKING Credit: 0.5
Open to: Sophomores, Juniors and Seniors (One Semester)

This one semester course is designed to meet the increasing demands for effective public communication. This public speaking course enables students to speak confidently and concisely in front of any size group. Students learn how to construct and deliver several types of speeches: written text, extemporaneous, impromptu, demonstration, persuasion, argumentation and information. Emphasis is on overcoming the fear of public speaking by learning simple, proven techniques for relaxation. Students also learn the importance of voice flexibility, eye contact, body language, gesturing, enunciation and pronunciation. The course also covers college and job interviewing, creative media techniques and speeches with supporting multi-media presentations.

MERCY ONLINE SUMMER COURSE
Creative Writing N-E05
Speech N-A03
#211 WORLD HISTORY - H  
Level: Honors  
Required of: Designated Freshwomen  

This survey course covers the ancient Egyptian civilizations, the Greco-Roman civilization, the European Middle Ages and the Renaissance and Reformation periods. Knowledge of both world and regional geography is stressed and reading and writing skills are also emphasized. Current events are periodically discussed and linked to past history. Students are required to write a formal research paper.

#212 WORLD HISTORY - ADV  
Level: Advanced College Prep  
Required of: Designated Freshwomen  

Students in this course study events from the ancient Egyptian civilizations through the European Renaissance and Reformation. The Middle East, Africa, Asia and the Mediterranean are also covered. The importance of geographic skills as well as reading and writing competencies is emphasized. Current events are periodically discussed and linked to past history. Students are required to write a formal research paper.

#236 CIVICS - H  
Level: Honors  
Open to: Sophomores, Juniors and Seniors (One Semester)  
Course fee: $15.00 – for magazine  

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.

#237 CIVICS - ADV  
Level: Advanced College Prep  
Open to: Sophomores, Juniors and Seniors (One Semester)  
Course fee: $15.00 – for magazine

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.

#221 MODERN HISTORY – H  
Level: Honors  
Credit: 0.5  
Open to: Sophomores, Juniors and Seniors (One Semester)  

This one semester course covers the Russian Revolution, World War I, The Great Depression, World War II, the Cold War along with its conflicts, and modern world genocides. It examines the causes for the fall of Communism in Eastern Europe. The importance of Islamic societies of the Middle East is studied as well as the conflicts in the region. This survey course includes a study of people who have significantly shaped past history. Political, social, and economic trends are studied and linked to the current history of selected countries. Students are required to do a formal research project. Links between the past and the present are consistently made.

#222 MODERN HISTORY - ADV  
Level: Advanced College Prep  
Credit: 0.5  
Open to: Sophomores, Juniors and Seniors (One Semester)  

This one semester course begins with a study of the Enlightenment and covers the French Revolution, European Nationalism and Unification, World War I, the Russian Revolution, the Great Depression, World War II, and the Cold War along with its conflicts. This survey course includes a study of people who have significantly shaped the history of the modern period. Political, social and economic trends are studied and links between the current history of selected countries are consistently made. Students are required to do a formal research project which includes a paper and presentation.

#219 WORLD HISTORY - AP  
Level: Advanced Placement  
Credit: 1  
Open to: Select Sophomores  
Prerequisite: World History  
Recommendation of present History teacher  
Course fee: $100 – for AP exam and materials  

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts including interactions over time. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. Dividing the course into time periods forms the organizing principle that addresses change and continuity over time. Specific themes, along with consistent attention to contacts among societies, are a major field of study. The course has as its chronological frame the period from approximately 8000 BCE to the present, with the period 8000 BCE to 600 CE serving as the foundation for the majority of the course. Students take the Advanced Placement World History examination in May.
#231 U.S. HISTORY - H
Level: Honors Credit: 1
Open to: Juniors and Seniors

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.

#232 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.

#239 U.S. HISTORY – AP/ECE
Level: Advanced Placement Credit: 1
Open to: Select Juniors and Seniors
Prerequisite: Recommendation of present/previous History teacher

Course fee: $100 – for AP exam and materials and/or $250 – 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. (See page 2.)

**This course will not be offered in 2019-2020.**

#229 EUROPEAN HISTORY – AP/ECE
Level: Advanced Placement Credit: 1
Open to: Select Seniors
Prerequisite: Recommendation of present/previous History teacher

Course fee: $100 – for AP exam and materials and/or $125 – for three credits from UConn

This course examines all facets of European History from approximately 1350 to 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. (See page 2.)

#249 U.S. GOVERNMENT – AP
Level: Advanced Placement Credit: 1
Open to: Select Seniors
Prerequisite: Recommendation of present/previous History teacher

Course fee: $100 – for AP exam and materials

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.
#259 PSYCHOLOGY - AP  
Level: Advanced Placement  
Credit: 1  
Open to: Select Seniors  
Prerequisite: Recommendation of present/previous History teacher  
Course fee: $100 – for AP exam and materials  
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.

#251 PSYCHOLOGY - H  
Level: Honors  
Credit: 1  
Open to: Seniors (Full Year)  
Prerequisite: Recommendation of present History teacher  
This full year course offers an in depth and challenging study of behavior and mental processes. Students correlate the brain/biology connection. Theorists and their contributions to the field are examined in detail along with procedures that researchers follow as they test theories and collect data for analysis. Students explore how humans perceive the world while debating the nature/nurture concept. Critical thinking skills are employed to help students apply psychological concepts to current popular media. In semester two, students study intelligence and creativity, human development, motivation and emotion as well as personality theory. They learn about psychological disorders/mental illnesses, myths of mental illness and current therapies to treat emotional disorders. An in-depth project is required and presented in class.

#256 PSYCHOLOGY S1 - H  
Level: Honors  
Credit: 0.5  
Open to: Seniors (Semester 1)  
Prerequisite: Recommendation of present History teacher  
This semester course offers an in depth and challenging study of behavior and mental processes. Students correlate the brain/biology connection. Theorists and their contributions to the field are examined in detail along with procedures that researchers follow as they test theories and collect data for analysis. This accelerated course explores how humans perceive the world while debating the nature/nurture concept. Critical thinking skills are employed to help students apply psychological concepts to current popular media.

#252 PSYCHOLOGY - ADV  
Level: Advanced College Prep  
Credit: 1  
Open to: Seniors (Full Year)  
Prerequisite: Recommendation of present History teacher  
This full year course covers the scientific study of behavior and mental processes, and explores the complex makeup of the human mind and how we perceive the world. Students focus on the goals of psychology and the theories and methods of observation. They begin to correlate biology (nervous system, brain, heredity, etc.) and the effect of biology on human behavior. Sensation and perception are taught along with consciousness, cognitive factors in learning, and the process of memory. The second semester focuses on theories of personality and stages of development (birth through death and dying). Topics covered include: psychological disorders, abnormal behavior, and the effects of stress on health. Students learn about motivation and emotion and develop a better understanding of themselves and how they relate to the world around them. Contemporary issues are independently researched and presented in class.

#257 PSYCHOLOGY S1 - ADV  
Level: Advanced College Prep  
Credit: 0.5  
Open to: Seniors (Semester 1)  
Prerequisite: Recommendation of present History teacher  
This semester course covers the scientific study of behavior and mental processes, and explores the complex makeup of the human mind and how we perceive the world. The course focuses on the goals of psychology as well as the theories and methods of observation. Students begin to correlate biology (nervous system, brain, heredity, etc.) and the effect of biology on human behavior. Sensation and perception are taught along with consciousness, cognitive factors in learning, and the process of memory.

#281 INTRODUCTION TO LAW - H  
Level: Honors  
Credit: 0.5  
Open to: Juniors and Seniors (One Semester)  
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.
SOCIAL STUDIES

#262 SOCIOLOGY - ADV
Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (One Semester)

Course fee: $90 for online course

Sociology is a one semester online course in which students study human society and social behaviors. Sociologists are mainly interested in the social interaction or how people relate to one another and influence each other’s behavior. Students will further develop their skills of critical analysis and be encouraged to strengthen and deepen their understanding of human and social behavior.

All required materials are included with this course.

#272 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.

#522 BIOGEOGRAPHY 1 - ADV
Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (One Semester)
Prerequisite: Biology and Chemistry

Course fee: $80 - for field trip to Bronx Zoo

Biogeography 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.

#527 BIOGEOGRAPHY 2 - ADV
Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (One Semester)
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 in this course.

MERCY ONLINE SUMMER COURSES
American Government N-SS01
Art History N-A01
Economics N-SS02
Global Affairs N-SS10
Intro to Psychology N-SS03
Street Law N-SS09
#411 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.

#412 ALGEBRA 1 - ADV
Level: Advanced College Prep Credit: 1
Open to: Designated Freshwomen and Sophomores
Prerequisite: Recommendation of present Math teacher

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.

#413 ALGEBRA 1 - COL
Level: College Prep Credit: 1
Open to: Freshwomen and Sophomores
Prerequisite: Recommendation of present Math teacher

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.

#421 GEOMETRY - H
Level: Honors Credit: 1
Open to: Freshwomen and Sophomores
Prerequisite: Algebra 1; Recommendation of Math teacher

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.

#422 GEOMETRY - ADV
Level: Advanced College Prep Credit: 1
Open to: All Students
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.

#423 GEOMETRY - COL
Level: College Prep Credit: 1
Open to: Sophomores, Juniors and Seniors
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.

#431 ALGEBRA 2 - H
Level: Honors Credit: 1
Open to: Sophomores and Juniors
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.

#432 ALGEBRA 2 - ADV
Level: Advanced College Prep Credit: 1
Open to: Sophomores, Juniors and Seniors
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.

#433 ALGEBRA 2 - COL
Level: College Prep Credit: 1
Open to: Juniors and Seniors
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.

#443 ADVANCED ALGEBRA - COL
Level: College Prep Credit: 1
Open to: Seniors
Prerequisite: Algebra 2; Recommendation of Math teacher

This algebra course is designed for those students who need to strengthen their math skills and who require additional algebraic reinforcement. New algebraic concepts are introduced in this course as students prepare for basic college mathematics courses.
Pre-Calculus is designed to prepare students to approach and solve problems in three ways: numerically, algebraically, and graphically. Included are such topics as limits, logarithmic and exponential functions, trigonometry, and sequences and series. Students learn problem solving skills and critical thinking through practical applications of these topics. This course is offered for students who have the motivation and study skills necessary for advanced study in mathematics.

This course is designed to help students make the transition from Algebra to Calculus. Pre-Calculus includes the study of various functions and their graphs, trigonometry, and sequences and series. Students learn calculator skills, problem solving skills and critical thinking through practical applications of these topics.

Calculus AP includes a study of differential and integral calculus. This course prepares students for the Advanced Placement AB Calculus exam.

This full year course provides a general introduction to the fundamentals of statistics and probability and helps the students relate statistics to real-life problems and applications. Students study the broad conceptual themes of exploring data, planning a study and anticipating patterns.

This one semester course provides a general introduction to the fundamentals of statistics and probability. Students learn to relate statistics to real-life problems and applications. Students solve problems from such diverse areas of interest as health care, business, the social and physical sciences, engineering, education, and leisure activities.

This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: — exploring data, planning a study, anticipating patterns, and statistical inference. Students take the Advanced Placement Statistics examination in May.

SAT Review is a one-semester course that provides juniors with the opportunity to prepare intensively 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.

The Math portion of this course includes test taking strategies for multiple choice problems as well as 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. Each unit of study includes instruction on the given topic, followed by guided practice and, finally, individual completion of practice tests. Grading is done on a pass-fail basis, based on a student’s effort, attentiveness and involvement during each class period.
#511 BIOLOGY - H
Level: Honors Credit: 1
Open to: Designated Freshwomen
Course fee: $85 - for lab supplies

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.

#512 BIOLOGY - ADV
Level: Advanced College Prep Credit: 1
Open to: Freshwomen and Sophomores
Course fee: $85 - for lab supplies

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.

#531 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: $85 - for lab supplies

Honors Chemistry is a lab-oriented course. Students study matter, its structure and composition as well as its physical and chemical changes. Lab investigations are used to deduce theories and mathematical applications.

#532 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: $85 - for lab supplies

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.

#537 CONCEPTUAL CHEMISTRY - ADV
Level: Advanced College Prep Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Biology;
Recommendation of present Science teacher
Course fee: $85 - for lab supplies

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.

#541 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: $85 - for lab supplies

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.

#542 PHYSICS - ADV
Level: Advanced College Prep Credit: 1
Open to: Juniors and Seniors
Prerequisite: Chemistry and Geometry Adv;
Recommendation of present Science teacher
Course fee: $85 - for lab supplies

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.

#547 CONCEPTUAL PHYSICS - ADV
Level: Advanced College Prep Credit: 1
Open to: Juniors and Seniors
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: $85 - for lab supplies

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.
#551 PHYSIOLOGY - H
Level: Honors  Credit: 1
Open to: Juniors and Seniors
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: $85 - for lab supplies

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.

#552 PHYSIOLOGY - ADV
Level: Advanced College Prep  Credit: 1
Open to: Juniors and Seniors
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: $85 - for lab supplies

Physiology is the study of the body, structurally and functionally, from cell to system level of organization. This course includes genetics, cell biology, reproduction and other systems, and provides the students with a comfortable overview of that most complex machine, the human body. This course includes laboratory activities and dissection.

#572 NEUROSCIENCE - ADV
Level: Advanced College Prep  Credit: 1
Open to: Juniors and Seniors
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: $85 - for lab supplies

This course investigates the biological basis of human behavior beginning with the biology of the neuron and the brain, and explores how this biology causes changes in perception, mood and behavior. Students perform weekly laboratory investigations, including dissection, along with web-based interactive studies and simulations. In semester two, this course examines the biological basis of consciousness, such as sleep and dreaming; perception (taste, sound, and vision); the formation of memories and learning; the underlying causes of emotions; motivational drives and psychoses.

#561 BIOCHEMISTRY - H
Level: Honors  Credit: 1
Open to: Juniors and Seniors
Prerequisite: Biology and Chemistry H
Recommendation of Chemistry teacher
Course fee: $85 for lab supplies

Biochemistry is a lab based course for the highly motivated science student. This course covers the study of molecules that form the structure and carry out the functions of all living things. Areas of concentration include: protein structure and function; the generation and storage of energy; genetic information; molecular physiology, including how muscles, nerves, and other types of cells function; and the biosynthesis of macromolecular precursors.

#502 ASTRONOMY & COSMOLOGY - ADV
Level: Advanced College Prep  Credit: 0.5
Open to: Sophomores, Juniors and Seniors  (One Semester)

Humans have gazed into the sky for thousands of years pondering how our lives have connected to the sun, moon, and stars. Through the science of astronomy, we now know that our connection to the Universe goes deeper than our ancestors could imagine. From Einstein’s theory of relativity to the exploration of the delicate relationship between our Earth and the Sun, this course explores some of the major discoveries in astronomy and cosmology.

Topics to be covered during this semester course include the history of the telescope, The Big Bang Theory, stellar evolution, comets and asteroids, planets and moons, astrobiology, black holes and quasars, and the role of Catholicism in science and the exploration of space.
#505 SCIENTIFIC ILLUSTRATION
Credit: 0.5
Open to: Sophomores, Juniors and Seniors (One Semester)
Prerequisite: Biology
Course fee: $100 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.

#522 BIOGEOGRAPHY 1 - ADV
Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (One Semester)
Prerequisite: Biology and Chemistry
Course fee: $80 - for field trip to Bronx Zoo

Biogeography 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 causative 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.

#527 BIOGEOGRAPHY 2 - ADV
Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (One Semester)
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 in this course.

#567 MEDICAL BOTANY - ADV
Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (One Semester)
Prerequisite: Biology and Chemistry
Course fee: $50 for lab supplies

Medical botany is the study and use of plants in biomedicine. This course covers the historical and cultural aspects of plants and medicine. Students learn to identify and collect medicinal plants in the field and to research their uses to create a Materia Medica. The course introduces the topics of ethnobotany, bioethics, sustainable agricultural practice, biochemistry, bioengineering, and the production and testing of allopathic and alternative medicines.

#582 MEDICAL TERMINOLOGY - ADV
Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (One Semester)
Prerequisite: Biology and Chemistry

Medical Terminology covers the medical language and terminology used by individuals in health care fields in our world. It is designed to enable individuals interested in any health field a base understanding of the language needed in those fields. In today’s world it is necessary as a health care provider to communicate with doctors, nurses, dentists and a whole host of other medical professionals. This course offers the information necessary for communication in medical language as each student learns to analyze words using prefixes, suffixes and root words used in that language as a basis for the course. In addition the course will teach the student medical names for common diseases.

#592 INTRO TO FORENSICS - ADV
Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (One Semester)
Prerequisite: Biology, and Chemistry
Course fee: $50 for lab supplies

**This course will not be offered in 2019-2020.**

Intro to Forensics is a basic lab course that introduces students to the laws that govern forensics and gives students an appreciation of the use of technology in solving crimes. The new careers being established in this field will be reviewed and an understanding of why forensics is so important in solving crimes of recent and distant times will be examined. Students explore the application of laws critical to the way a scientist works as well as the application of knowledge and technology critical to solving crimes against our society.

**MERCY ONLINE SUMMER COURSES**

Anatomy N-S02
Astronomy and Cosmology N-S03
Advanced Placement Physics 1 meets for two periods on one of the seven days in the 7 day cycle and meets for one period on each of the other 6 days.

#549 PHYSICS 1 - AP
Level: Advanced Placement  Credit: 1.125
Open to:  Juniors
Prerequisite:  Chemistry H  
Recommendation of present Science teacher

Course fee:  $185 - for lab supplies and 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 provides an introduction to 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.

Advanced Placement Physics 2 meets for two periods on one of the seven days in the 7 day cycle and meets for one period on each of the other 6 days.

#569 PHYSICS 2 - AP
Level: Advanced Placement  Credit: 1.125
Open to:  Seniors
Prerequisite:  Physics H/Physics 1 AP  
Recommendation of present Science teacher

Course fee:  $185 - for lab supplies and 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.

Advanced Placement Chemistry meets for two periods on one of the seven days in the 7 day cycle and meets for one period on each of the other 6 days.

#539 CHEMISTRY - AP
Level: Advanced Placement  Credit: 1.125
Open to:  Juniors, Seniors
Prerequisite:  Chemistry H;  
Recommendation of present Science teacher

May be taken concurrently with Physics H or Physics 1 AP

Course fee:  $185 - for lab supplies and 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.

Advanced Placement Biology meets for two periods on two of the seven days in the 7 day cycle and meets for one period on each of the other 5 days.

#529 BIOLOGY - AP
Level: Advanced Placement  Credit: 1.25
Open to:  Juniors and Seniors
Prerequisite:  Biology; Chemistry H;  
Recommendation of present Science teacher

It is recommended that students who sign up for Biology AP take #551 Physiology H or Mercy Learning Online Summer Course #N-S02 Anatomy, but this is not a prerequisite.

Course fee:  $185 - for lab supplies and 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.
#311 LATIN 1 - H
Level: Honors Credit: 1
Open to: Freshwomen; Sophomores and Juniors
Prerequisite: Recommendation of present Language teacher

In this Latin 1 course, students learn vocabulary, grammar, and pronunciation of the Latin language using traditional and modern approaches. Derivative work strengthens the students' understanding of English. Students study aspects of Roman history, culture and mythology.

#312 LATIN 1 - ADV
Level: Advanced College Prep Credit: 1
Open to: Freshwomen; Sophomores and Juniors
Prerequisite: Recommendation of present Language teacher

In this Latin 1 course, students learn vocabulary, grammar, and pronunciation of the Latin language using traditional and modern approaches. Derivative work strengthens the students' understanding of English. Students study aspects of Roman history, culture and mythology.

#321 LATIN 2 - H
Level: Honors Credit: 1
Open to: Freshwomen, Sophomores, Juniors and Seniors
Prerequisite: Latin 1

This reading-based Latin 2 course focuses on the Roman family and incorporates figures from legends, history and mythology. Language activities review and build on the vocabulary and structure of Latin 1. Cultural content and word study show students that the study of Latin improves English language skills.

#322 LATIN 2 - ADV
Level: Advanced College Prep Credit: 1
Open to: Freshwomen, Sophomores, Juniors and Seniors
Prerequisite: Latin 1

This reading-based Latin 2 course focuses on the Roman family and incorporates figures from legends, history and mythology. Language activities review and build on the vocabulary and structure of Latin 1. Cultural content and word study show students that the study of Latin improves English language skills.

#331 LATIN 3 - H
Level: Honors Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Latin 2; Recommendation of Latin teacher

In this Latin 3 course, students’ skills with the Latin language give them access to the timeless words of the greatest Roman poets, storytellers, and orators. Students will read some of the best Latin prose and poetry ever written or spoken from Caesar, Cicero, Catullus and others. The purpose of this course is to strengthen students’ Latin vocabulary as well as their appreciation for well-crafted writing. Students go directly to the source and recognize why Latin and those who spoke it are still relevant today.

#301 LATIN LIT. OVID & PETRONIUS - H
Level: Honors Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Latin 3 or recommendation of Latin teacher

This translation-based Latin language course covers two Roman authors of the 1st century AD. The first semester focuses on the Metamorphoses of Publius Ovidius Naso, the source for nearly all of our modern knowledge of Greek and Roman mythology. The second semester deals with the Satyricon, written by Gaius Petronius Arbiter, chronicling a series of hilarious, unfortunate, and spectacular events experienced by three young men in ancient Pompeii. Both of our authors suffered tragic and undeserving ends due to the emperors in power; both of them offer us a unique look into the world of the Romans.

#341 LATIN LIT. VERGIL - H
Level: Honors Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Latin 3 or recommendation of Latin teacher

**This course will not be offered in 2019-2020.**

This advanced Latin course is structured around the epic poem the Aeneid of Vergil, which chronicles the journey of the hero Aeneas after the Trojan War. Students concentrate on the thematic and literary devices used in poetry as they develop critical thinking and translating skills necessary for reading and analyzing Latin.

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.

---

Honors courses end in 1 or 6.
Advanced College Prep courses end in 2 or 7.
College Prep courses end in 3 or 8.
Advanced Placement courses end in 9.
Unleveled courses end in 0 or 5.

---
#351 FRENCH 1 - H
Level: Honors Credit: 1
Open to: Freshwomen, Sophomores and Juniors
Prerequisite: Recommendation of present Language teacher

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.

#352 FRENCH 1 - ADV
Level: Advanced College Prep Credit: 1
Open to: Freshwomen, Sophomores and Juniors
Prerequisite: Recommendation of present Language teacher

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.

#361 FRENCH 2 - H
Level: Honors Credit: 1
Open to: Freshwomen, Sophomores and Juniors
Prerequisite: French 1

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.

#362 FRENCH 2 - ADV
Level: Advanced College Prep Credit: 1
Open to: Freshwomen, Sophomores and Juniors
Prerequisite: French 1

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

#371 FRENCH 3 - H
Level: Honors Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: French 2 H
Recommendation of present 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.

#372 FRENCH 3 - ADV
Level: Advanced College Prep Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: French 2 H
Recommendation of present 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.

#381 FRENCH 4 - H
Level: Honors Credit: 1
Open to: Juniors and Seniors
Prerequisite: French 3 H
Recommendation of present 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.

#382 FRENCH 4 - ADV
Level: Advanced College Prep Credit: 1
Open to: Juniors and Seniors
Prerequisite: French 3
Recommendation of present 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.

#399 FRENCH 5 – AP
Level: Advanced Placement Credit: 1
Open to: Seniors
Prerequisite: French 4 H
Recommendation of present French teacher

Course fee: $100 – for AP exam and materials

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.

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.
**SPANISH**

**#711 SPANISH 1 - H**
Level: Honors  Credit: 1
Open to: Freshwomen, Sophomores and Juniors
Prerequisite: Recommendation of present World Language teacher

This is an accelerated course with emphasis on speaking and listening skills. Grammar and vocabulary are also studied extensively. Cultural aspects of the Spanish-speaking world are integrated throughout the course.

**#712 SPANISH 1 - ADV**
Level: Advanced College Prep  Credit: 1
Open to: Freshwomen, Sophomores and Juniors
Prerequisite: Recommendation of present World Language teacher

This introductory course is taught at a moderate pace. Speaking and listening skills in the language are introduced. Basic grammar and vocabulary are also presented. Students are exposed to cultural aspects of Spain and Latin America.

**#713 SPANISH 1 - COL**
Level: College Prep  Credit: 1
Open to: Sophomores, Juniors and Seniors

This introductory course is taught at a pace appropriate for the college prep level. Speaking and listening skills are strongly emphasized while basic grammar is also covered. Cultural aspects of Spain and Latin America are integrated throughout the course.

**#721 SPANISH 2 - H**
Level: Honors  Credit: 1
Open to: Freshwomen, Sophomores and Juniors
Prerequisite: Spanish 1 H or superior performance in Spanish 1 Adv; Recommendation of present Spanish teacher or Department Chairperson;

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

**#722 SPANISH 2 - ADV**
Level: Advanced College Prep  Credit: 1
Open to: Freshwomen, Sophomores and Juniors
Prerequisite: Spanish 1 Adv; Recommendation of present Spanish teacher or Department Chairperson

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

**#723 SPANISH 2 - COL**
Level: College Prep  Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Spanish 1 Col; Recommendation of present Spanish teacher or Department Chairperson

This course is a continuation of Spanish 1 Col. Speaking and listening skills are refined. Grammar skills are also further developed. Cultural aspects of Spain and Latin America are an important component of this course.

**#731 SPANISH 3 - H**
Level: Honors  Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Spanish 2 H or superior performance in Spanish 2 Adv; Recommendation of present Spanish teacher or Department Chairperson

In this accelerated course; oral proficiency is refined through the use of tapes and class discussions of reading materials. Grammar is intensively studied. Literary readings are included in this course. Cultural aspects of the Spanish-speaking world are integrated throughout the course.

**#732 SPANISH 3 - ADV**
Level: Advanced College Prep  Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Spanish 2; Recommendation of present Spanish teacher or Department Chairperson

This is an advanced course. Speaking, listening, reading and writing skills are refined through reading and the discussion of contemporary topics. Cultural aspects of the Spanish-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.
#733 SPANISH 3 - COL
Level: College Prep  Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Spanish 2; Recommendation of present Spanish teacher or Department Chairperson

This course continues to refine the speaking and listening skills which were taught in Spanish 2 Col. The course is taught at a pace appropriate for the college prep level. Cultural aspects are also studied.

#741 SPANISH 4 - H
Level: Honors  Credit: 1
Open to: Juniors and Seniors
Prerequisite: Spanish 3; Recommendation of present Spanish teacher or Department Chairperson

This is an accelerated course designed for students who have demonstrated superior ability in the language. Language skills are refined through the use of CD’s and class discussions. At least one major literary work is studied.

#742 SPANISH 4 - ADV
Level: Advanced College Prep  Credit: 1
Open to: Juniors and Seniors
Prerequisite: Spanish 3; Recommendation of present Spanish teacher or Department Chairperson

This is an advanced course. All language skills are further refined. Grammar is studied in depth. Students are also exposed to supplemental literary readings and language CD’s in the classroom. Cultural aspects of the Spanish-speaking world are integrated throughout the course.

#752 SPANISH 5 - ADV
Level: Advanced College Prep  Credit: 1
Open to: Seniors
Prerequisite: Spanish 4; Recommendation of present Spanish teacher or Department Chairperson

This is an intensive course designed for students who demonstrate superior ability in the language. Language skills are refined through the use of tapes and class discussions. Grammar is reviewed and applied to written and oral work. Students are exposed to Spanish literature and contemporary readings.

#759 SPANISH 5 – AP/ECE
Level: Advanced Placement  Credit: 1
Open to: Seniors
Prerequisite: Spanish 4 H; Recommendation of present Spanish teacher or Department Chairperson

Course fee: $100 – for AP exam and materials and/or $250 – for six credits from UConn.

Spanish 5 AP/ECE provides well-motivated students with an intellectual challenge through advanced strategies for communication. Grammar is intensively reviewed and applied in written and oral work. Contemporary readings are read and discussed. Students take the AP Spanish Language exam in May. This course is offered under the UConn Early College Experience Program (ECE) whereby qualified students can earn six college credits. (See page 2.)
ITALIAN

#761 ITALIAN 1 - H
Level: H Credit: 1
Open to: Freshwomen, Sophomores, Juniors and Seniors

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.

#762 ITALIAN 1 - ADV
Level: Advanced College Prep Credit: 1
Open to: Freshwomen, Sophomores, Juniors and Seniors

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.

#771 ITALIAN 2 - H
Level: Honors Credit: 1
Open to: Sophomores, Juniors and Seniors
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.

#772 ITALIAN 2 - ADV
Level: Advanced College Prep Credit: 1
Open to: Sophomores, Juniors and Seniors
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.

Honors courses end in 1 or 6. Advanced College Prep courses end in 2 or 7. College Prep courses end in 3 or 8. Advanced Placement courses end in 9. Unleveled courses end in 0 or 5.

#781 ITALIAN 3 - H
Level: Honors Credit: 1
Open to: Juniors and Seniors
Prerequisite: Italian 2; Recommendation of Italian teacher or World Language Department Chair

In this accelerated course, oral proficiency is refined through the use of CD’s 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.

#782 ITALIAN 3 - ADV
Level: Advanced College Prep Credit: 1
Open to: Juniors and Seniors
Prerequisite: Italian 2; Recommendation of Italian teacher or World Language Department Chair

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.

#791 ITALIAN 4 - H
Level: Honors Credit: 1
Open to: Juniors and Seniors
Prerequisite: Italian 3; Recommendation of Italian teacher or World Language Department Chair

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

#792 ITALIAN 4 - ADV
Level: Advanced College Prep Credit: 1
Open to: Juniors and Seniors
Prerequisite: Italian 3; Recommendation of Italian teacher or World Language Department Chair

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

**#602 TECH FUNDAMENTALS - ADV**  
Level: Advanced College Prep  
Credit: 0.5  
Open to: All Students  
(One Semester)  
Course fee: $45 - for class supplies

Technology Fundamentals is a required ½ credit course that provides students with a foundation in technology that they will need to be successful in their academic program. This course serves as a prerequisite to all subsequent technology courses. Topics include using Mercy technology efficiently, academic research on the Internet, keyboard proficiency, and an introduction to Prezi and the Microsoft Office Suite (Word, Excel, PowerPoint, One Note and Sway).

**#617 COMPUTER APPS - ADV**  
Level: Advanced College Prep  
Credit: 0.5  
Open to: All Students  
(One Semester)  
Prerequisite: Technology Fundamentals  
Course fee: $45 - for class supplies.

In Computer Applications, students learn advanced features of Microsoft Word, Excel, and PowerPoint. They learn to utilize basic features of Microsoft Access and to integrate the various Microsoft applications. Students use Windows 10 and the Microsoft Office Suite.

**#160 PUBLISHING**  
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.

**#651 INTRO TO COMPUTER SCIENCE – H**  
Level: Honors  
Credit: 0.5  
Open to: Sophomores, Juniors and Seniors

Course fee: $90 for Edhesive.com semester course

In this ½ credit course students will be guided through an understanding of computers and their role within our lives. Topics will include the basic logic behind the foundation of computers, computer hardware, and digital problem solving. In addition, students will investigate the effect of technology on human interactions.

All required materials are included with this course.

**#659 COMPUTER SCIENCE A - AP**  
Level: Advanced Placement  
Credit: 1.0  
Open to: Juniors and Seniors  
Prerequisite: Algebra 1, Algebra 2 recommended

Course fee: $250 – for Edhesive.com course and AP exam.

An essential course for mastering computer science. This year-long study in Java will prep you for the AP Computer Science A exam, and equip you for a world ripe with coding opportunity. Java development is one of the most desired software-building skills by a wide margin. After laying a solid foundation of basics, you will learn to create programs using sophisticated two-dimensional arrays, algorithms and user-defined data types.

All required materials are included with this course.

**#669 COMPUTER SCIENCE PRINCIPLES - AP**  
Level: Advanced Placement  
Credit: 1.0  
Open to: Juniors and Seniors  
Prerequisite: Algebra 1, Algebra 2 recommended

Course fee: $250 – for Edhesive.com course and AP exam.

AP Computer Science Principles is a full year course that focuses on the 7 “Big Ideas” in computer science using project-based approaches. The course introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity, and how computing impacts our world. Students will develop the computational thinking skills needed to fully exploit the power of digital technology and help build a strong foundation in core programming and problem-solving.

All required materials are included with this course.

---

**MERCY HIGH SCHOOL**  
**SUMMER CREDIT COURSE**

Tech Fundamentals - S602
# TECHNOLOGY

**#672 3D GAME DESIGN - ADV**  
Level: Advanced College Prep  
Credit: 0.5  
Open to: Sophomores, Juniors and Seniors  
Course fee: $90 for Apexlearning.com. course

In 3D Game Design, students learn the basics of 3D video game design including models, textures, volumes, lighting, and more. Students will create their own amazing 3D world from start to finish.

This is a project-based course where students take on the role of creator. In addition to technical skills, students develop the creative, critical thinking, and problem-solving skills necessary to build amazing projects from start to finish. Throughout the course, students will use a 3D game design program called OWL Game Creator, which mirrors professional tools and allows students to quickly create complex 3D games. If they need any help along the way with their coursework or projects, students can reach out to experts for support by e-mail, chat, or phone.

By the end of this course, students will have built an original, professional-grade project and developed the knowledge, skills, and confidence to become creators on their own, in further study, or professionally.

All required materials are included with this course.

**#677 FASHION DESIGN - ADV**  
Level: Advanced College Prep  
Credit: 0.5  
Open to: Sophomores, Juniors and Seniors  
Course fee: $90 for Apexlearning.com. course

In this course students learn both the conceptual and technical side of fashion design as they design their own complete fashion collection.

This is a project-based course where students take on the role of creator. In addition to technical skills, students develop the creative, critical thinking, and problem-solving skills necessary to build amazing projects from start to finish. Throughout the course, students work with industry-standard tools used by professionals. If they need any help along the way with their coursework or projects, students can reach out to experts for support by e-mail, chat, or phone.

By the end of this course, students will have built an original, professional-grade project and developed the knowledge, skills, and confidence to become creators on their own, in further study, or professionally.

All required materials are included with this course.

**#682 3D ANIMATION - ADV**  
Level: Advanced College Prep  
Credit: 0.5  
Open to: Sophomores, Juniors and Seniors  
Course fee: $90 for Apexlearning.com. course

3D Animation teaches students how to create their own animated 3D movie while also learning the fundamentals of animation. Using Blender, a professional open-source 3D animation software, students use the same industry-standard techniques and workflows as animators in leading animation studios. By the end of the course, students will complete an incredible 3D Animation that they created from scratch.

This is a project-based course where students take on the role of creator. In addition to technical skills, students develop the creative, critical thinking, and problem-solving skills necessary to build amazing projects from start to finish. Throughout the course, students work with industry-standard tools used by professionals. If they need any help along the way with their coursework or projects, students can reach out to experts for support by e-mail, chat, or phone.

By the end of this course, students will have built an original, professional-grade project and developed the knowledge, skills, and confidence to become creators on their own, in further study, or professionally.

All required materials are included with this course.

**#687 3D CHARACTER ANIMATION - ADV**  
Level: Advanced College Prep  
Credit: 0.5  
Open to: Sophomores, Juniors and Seniors  
Course fee: $90 for Apexlearning.com. course

In 3D Character Animation, students will animate their own Minecraft® story. Using professional animation software, they will learn concepts of storytelling, cinematography, and composition, along with key principles of animation, to create an exciting, unique story.

This is a project-based course where students take on the role of creator. In addition to technical skills, students develop the creative, critical thinking, and problem-solving skills necessary to build amazing projects from start to finish. Throughout the course, students work with industry-standard tools used by professionals. If they need any help along the way with their coursework or projects, students can reach out to experts for support by e-mail, chat, or phone.

By the end of this course, students will have built an original, professional-grade project and developed the knowledge, skills, and confidence to become creators on their own, in further study, or professionally.

All required materials are included with this course.
BUSINESS

#637 BUS./PERS. FINANCE 1 - ADV
Level: Advanced College Prep    Credit: 0.5
Open to: Sophomores, Juniors and Seniors (One Semester)

In Business & Personal Finance 1, students learn financial skills for everyday life. Basic principles of banking and credit, consumerism, investments in stocks and bonds, insurance, income tax fundamentals, and financial planning are covered. Topics include: savings and interest, checking accounts, comparison shopping, obtaining loans, credit, charitable giving, filling out the 1040 EZ federal tax return form, budgeting, and financial goal setting/planning. Students compete in the Connecticut Stock Market Game, attend a field trip to the annual Financial Reality Fair, listen to various financial speakers, plan and participate in the charitable clothing or shoe drive, and complete the on-line simulation "Banzai" using skills acquired throughout the semester.

#647 BUS./PERS. FINANCE 2 - ADV
Level: Advanced College Prep    Credit: 0.5
Open to: Sophomores, Juniors and Seniors (One Semester)
Prerequisite: Bus/Pers. Finance 1

This one semester course continues to cover real world personal finance topics. There is no textbook; free on-line materials are used. Students will apply the knowledge gained to their current and future personal financial situations. Students will develop personal financial core skills in the following areas: paying for college, personal loans, owning/leasing a car, investing, insurance, buying a home/mortgages, consumer purchasing and protection, preparing for a career, and entrepreneurship (owning your own business). Projects and simulations will be used.

PHYSICAL EDUCATION

#962 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.

#970 PHYSICAL EDUCATION 1    Credit: 0.25
Required of: Freshwomen

A selection of team and individual activities are offered, including floor hockey, speedball, volleyball, basketball, Pilates, yoga, Taeb, softball, team handball, ultimate frisbee and soccer, Frisbee golf, pickleball, badminton.

#975 PHYSICAL EDUCATION 2    Credit: 0.25
Required of: Sophomores

A selection of team and individual activities are offered, including floor hockey, volleyball, basketball, aerobics, yoga, softball, team handball and soccer.

#985 PE - FITNESS    Credit: 0.50
Required of: Juniors who have not participated on a Mercy athletic team

This 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.

All students who have participated on a Mercy athletic team will receive 0.5 credits in PE-SPORTS at the end of sophomore year.

ACADEMIC SUPPORT

#190 ACADEMIC SUPPORT    Credit: 1

This 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.

MERCY ONLINE SUMMER COURSES

Fitness N-P01
Health N-SP01
#805 AMERICAN MUSICAL THEATER
Credit: 0.5
Open to: All Students  (One Semester)
Course fee:  $80 - includes field trip to theater

This one semester course for both musicians and non-musicians explores the world and history of musical theater. The semester culminates in a class trip to a professional regional theater such as Goodspeed.

#815 POP MUSIC IN THE 20TH CENTURY
Credit: 0.5
Open to: All Students  (One Semester)
Music lovers will gain an even deeper appreciation for modern popular music throughout the world. This course is open to students in all grades who enjoy listening to music, with a focus on what makes music so indispensable in our daily lives.

#820 CONCERT CHOIR
Credit: 1
Open to: All Students  (Full Year)
Course fee:  $70 - for sheet music and supplies
$70 – for dress and jewelry

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.

#825 CONCERT CHOIR - SEM
Credit: 0.5
Open to: All Students  (One Semester)
Course fee:  $35 - for sheet music and supplies
$70 – for dress and jewelry

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.

#840 CHAMBER CHOIR
Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Recommendation of the music teacher
Course fee:  $70 - for sheet music and supplies
$70 – for dress and jewelry

The Chamber Choir is an audition only class that has two major performances during the year as well as numerous concerts throughout the year. The Chamber Choir serves as the principal choir at all school liturgies.

#850 ORCHESTRA
Credit: 1
Open to: All Students  (Full Year)
Course fee:  $70 - 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 two major evening concerts during the year.

#855 ORCHESTRA - SEM
Credit: 0.5
Open to: All Students  (One Semester)
Course fee:  $35 - 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.

#865 INTRO TO MUSIC RECORDING
Credit: 0.5
Open to: All Students  (One Semester)
Course fee:  $35

This semester course will introduce the basics of music recording. Students will learn about the music production process including recording, editing and mixing, and the tools available for them to create contemporary music on their computer.

MERCY EXTRA-CURRICULAR
CREDIT COURSE
Show Choir - E870

MERCY ONLINE SUMMER COURSE
Music Appreciation  N-AM01
FINE ARTS

#880 DIGITAL PHOTOGRAPHY  Credit: 0.5
Open to: Sophomores, Juniors and Seniors (One Semester)
Prerequisite: Students must have their own Digital Camera, either an SLR Digital camera, a medium format digital camera, or a point and shoot digital camera with and at least a 1 GB flash drive.
Course fee: $110 – for materials used in class

This course explores the art of digital photography. No prior experience is necessary. Students learn the basics of how to take photographs using camera settings and adjustments. They study variations in lighting, composition, angle of view, portrait, still life, landscape, nature, etc. Students view and study current photographic web sites, artist images, and graphic and fashion shots as inspiration.

Students will be required to take pictures in class as well as outside of the class setting. In addition, part of the semester will involve photographic manipulation with Photoshop CC and other programs and apps. Class projects are created to have fun and highlight photographic and mixed medium technique.

#900 STUDIO ART  Credit: 0.5
Open to: Juniors and Seniors (One Semester)
Course fee: $80 – for materials used in class

In this 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, 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

This course may be taken for a semester or a full year.

#915 BASIC ART  Credit: 0.5
Open to: All Students (One Semester)
Course fee: $80 – for materials used in class

Basic Art 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.

#920 CERAMICS  Credit: 1
Open to: Sophomores, Juniors and Seniors (Full Year)
Course fee: $160 – for materials used in class

This full year course offers a creative study of ceramics and pottery making by learning time honored hand building techniques. Students develop skills over the term 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 decorate 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. A sketchbook/notebook is kept for inspiration and project tracking. Students participate in class discussion/critique and help mount work (reserved from class) for the annual Mercy Art Show. Independent study projects are available to students who have demonstrated competence and have completed at least one year of ceramics, by signed permission of the instructor.

MERCY ONLINE SUMMER COURSE
Art History  N-A01
#945 CONTEMPORARY CRAFTS  
Credit: 0.5  
Open to: All Students  
(One Semester)  
Course fee: $80 – for materials used in class  
This course is an introduction to cultural and contemporary crafts. Students will explore creating handmade items in traditional and modern project styles with instruction in material and technique. Projects and materials can vary from each term and may include work with paper, paint, mixed-media, needlework, jewelry, beading, fabric, hand or machine sewing, pillows, altered clothing items, stuffed toys, holiday ornaments, floral and wreaths, wood, mosaic/stained glass, and more! Students are encouraged to share their own skills with others in class. A sketch/notebook is kept for inspiration and project tracking. Students display their work for the annual Mercy Art show. Safety glasses or smocks may be required for some projects.

#955 DRAWING AND DESIGN  
Credit: 0.5  
Open to: All Students  
(One Semester)  
Course fee: $80 – for materials used in class  
This 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.

#505 SCIENTIFIC ILLUSTRATION  
Credit: 0.5  
Open to: Juniors and Seniors  
(One Semester)  
Prerequisite: Biology  
Course fee: $100 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 as well as, computer graphic software 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 to be displayed in the annual Mercy Art Show.

#672 3D GAME DESIGN - ADV  
Level: Advanced College Prep  
Credit: 0.5  
Open to: Sophomores, Juniors and Seniors  
Course fee: $90 for Apexlearning.com course  
In 3D Game Design, students learn the basics of 3D video game design including models, textures, volumes, lighting, and more. Students will create their own amazing 3D world from start to finish.

This is a project-based course where students take on the role of creator. In addition to technical skills, students develop the creative, critical thinking, and problem-solving skills necessary to build amazing projects from start to finish. Throughout the course, students will use a 3D game design program called OWL Game Creator, which mirrors professional tools and allows students to quickly create complex 3D games. If they need any help along the way with their coursework or projects, students can reach out to experts for support by e-mail, chat, or phone.

By the end of this course, students will have built an original, professional-grade project and developed the knowledge, skills, and confidence to become creators on their own, in further study, or professionally.

All required materials are included with this course.

#677 FASHION DESIGN - ADV  
Level: Advanced College Prep  
Credit: 0.5  
Open to: Sophomores, Juniors and Seniors  
Course fee: $90 for Apexlearning.com course  
In this course students learn both the conceptual and technical side of fashion design as they design their own complete fashion collection.

This is a project-based course where students take on the role of creator. In addition to technical skills, students develop the creative, critical thinking, and problem-solving skills necessary to build amazing projects from start to finish. Throughout the course, students work with industry-standard tools used by professionals. If they need any help along the way with their coursework or projects, students can reach out to experts for support by e-mail, chat, or phone.

By the end of this course, students will have built an original, professional-grade project and developed the knowledge, skills, and confidence to become creators on their own, in further study, or professionally.

All required materials are included with this course.
#682 3D ANIMATION - ADV
Level: Advanced College Prep        Credit: 0.5
Open to: Sophomores, Juniors and Seniors
Course fee: $90 for Apexlearning.com. course

3D Animation teaches students how to create their own animated 3D movie while also learning the fundamentals of animation. Using Blender, a professional open-source 3D animation software, students use the same industry-standard techniques and workflows as animators in leading animation studios. By the end of the course, students will complete an incredible 3D Animation that they created from scratch.

This is a project-based course where students take on the role of creator. In addition to technical skills, students develop the creative, critical thinking, and problem-solving skills necessary to build amazing projects from start to finish. Throughout the course, students work with industry-standard tools used by professionals. If they need any help along the way with their coursework or projects, students can reach out to experts for support by e-mail, chat, or phone.

By the end of this course, students will have built an original, professional-grade project and developed the knowledge, skills, and confidence to become creators on their own, in further study, or professionally. All required materials are included with this course.

#687 3D CHARACTER ANIMATION - ADV
Level: Advanced College Prep        Credit: 0.5
Open to: Sophomores, Juniors and Seniors
Course fee: $90 for Apexlearning.com. course

In 3D Character Animation, students will animate their own Minecraft® story. Using professional animation software, they will learn concepts of storytelling, cinematography, and composition, along with key principles of animation, to create an exciting, unique story.

This is a project-based course where students take on the role of creator. In addition to technical skills, students develop the creative, critical thinking, and problem-solving skills necessary to build amazing projects from start to finish. Throughout the course, students work with industry-standard tools used by professionals. If they need any help along the way with their coursework or projects, students can reach out to experts for support by e-mail, chat, or phone.

By the end of this course, students will have built an original, professional-grade project and developed the knowledge, skills, and confidence to become creators on their own, in further study, or professionally. All required materials are included with this course.

S600 AP SKILLS PREP
Non-Credit
Open to: Students taking an AP course for the first time
Dates: July 8 – July 12
Time: 9:00 a.m. - 12:00 p.m.
Tuition: $175

AP Skills Prep, a 1-week summer enrichment course, will highlight some of the important skills the College Board expects its Advanced Placement students to have mastered. It is open to any student taking an AP course for the first time. Topics covered during the summer will include: time management skills, answering multiple choice questions, and the development of analytical writing. Students will also have time to begin their summer assignments.

S602 TECH. FUNDAMENTALS - ADV
Level: Advanced College Prep        Credit: 0.5
Open to: All Students
Dates: July 8 – July 26
Tuition: $350

Times: Choose one session
Session 1: 8:00 a.m. – 10:00 a.m.
Session 2: 10:15 a.m. – 12:15 p.m.

Technology Fundamentals is a three-week course that provides students with a foundation in technology that they will need to be successful in their academic program. Topics include using Mercy technology efficiently, academic research on the Internet, keyboard proficiency, and an introduction to Prezi and the Microsoft Office Suite (Word, Excel, PowerPoint, One Note and Sway).

All students are required to take at least 0.5 credits in computer/technology course(s) to graduate from Mercy High School. This three-week summer course will fulfill the technology requirement for students.
E280  MOCK TRIAL  
Credit: 0.5 
Open to: All Students  
Mock Trial is an innovative approach to learning about law and how our legal system functions. Guided by teachers and volunteer legal advisors, students participate in an original simulated trial. Our program is sponsored by CivicsFirstCT who provide resources for mock trials, debates and other civics materials throughout the State of Connecticut. Teams compete for state championship and the right to represent the state at the national level.

This is an after-school activity with occasional early evening sessions. Credit for this course will be awarded at the end of the school year.

E590  ROBOTICS  
Credit: 0.5 
Open to: All Students  
Robotics blends many fields of science and engineering to create self-controlled machines designed to accomplish tasks. Students learn how and why robots work and discover the inspiration behind them. They study robot history and terminology, and learn the methods used to design, build, program, and operate robots. Students participate in the production of a robot to perform a specific group of tasks.

Robotics meets in the evening. This allows a group of engineering professionals to work with teachers and students on a regular basis. Credit for this course will be awarded at the end of the school year.

E870  SHOW CHOIR  
Credit: 0.5 
Open to: All Students by Audition only.

Vocal Dimension is Mercy and Xavier's combined show choir. The group rehearses twice a week in the evenings, and performs at their own concerts as well as at several competitions throughout the year. Emphasis is placed on singing, acting and movement. Credit for this course will be awarded at the end of the school year.

E980  PE - SPORTS  
Credit: 0.5 

All students who have participated on a Mercy athletic team will receive 0.5 credits in PE-SPORTS

Credit will be awarded at the end of sophomore year.

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.
Mercy Learning Online is a collaborative online program for Mercy secondary schools. Summer courses begin June 17 and conclude July 19, 2019. The platform used for Mercy Learning Online is Schoology, Inc.

Information about Mercy Learning Online is available at www.mercylearningonline.org.

Tuition ~ Registration
1/2 Credit Courses - $350.00

There are two ways to register for the online summer school

1) Use the Mercy Learning Online registration form at the end of this book. The tuition payment of $350.00 per course must accompany the registration. Make checks payable to Mercy High School. The completed registration form and tuition payment should be given to the Mercy High Finance Office.

2) Register online at the Mercy High website and pay with credit card.

The deadline for registration is June 1, 2019. Tuition is paid directly to Mercy High School and Mercy High reimburses Mercy Learning Online.

Orientation
A virtual tour is provided by Schoology when a student logs in for the first time. Students take the tour and familiarize themselves with the site.

Moreover, each student is enrolled in a course "Student Orientation to Mercy Learning Online". This orientation provides students with time before their courses officially open to learn more about topics such as submitting assignments, viewing grades, participating in discussions and more. It also provides information on the use of different devices.

User Name and Password
Each student is assigned a user name and password when the registration form is submitted by the school. This registration is then confirmed with an email to the parent/guardian and student via the email information provided on the registration form. Students should not share user name and password information with anyone other than a parent/guardian.

Guidelines for Study/Time
• Time Commitment — Students should expect to study approximately 16 hours per week in order to complete lessons and assignments. Access to course — 24/7
• Some students enrolled in Mercy Learning Online also have summer obligations, camps, programs, family commitments, etc. Students must complete all course work according to the due dates and need to plan for internet access to the course in order to balance study with other obligations.
• Vacations — It is the responsibility of the student to keep pace with assignments and meet deadlines either by working ahead or by having access to a computer and the internet while on vacation.

Grading ~ Access to Grades Online
• Credit is granted by Mercy High School.
• Each course has a menu item Grades which allows a student to see a listing of all assignments, point values and points earned. Teacher provides due dates. Points earned for each assignment, discussion or quiz are posted and students can view them.
• Grading is on a numerical scale with a percentage score for completion of work. At the end of the summer program, reports are sent to Mercy High School.
• Mercy High will mail grades to students and parents the middle of August.
• Access to Assignments and Grades – A parent/guardian may log on to a student’s course using the student user name and password and see a record of all assignments and points earned.
• To avoid loss of work, students are asked to save a copy of all assignments submitted. This work should be saved until final grades are received.

Books
The Mercy Learning Online courses listed below include a required book in addition to web-based platform course materials. If a course is not listed, a book is not required.

Only these courses have books required.

Speech
Astronomy and Cosmology
Music Appreciation
Street Law

For ease of ordering, go to the Mercy Learning Online website www.mercylearningonline.org and click on the link for Program Information – Books.

The choice of vendor is the decision of parents/guardians. Mercy Learning Online asks that the correct edition be used.
Consistent with Mercy High School, Mercy Learning Online requires appropriate use of technology and all related aspects of technology for students enrolled in courses.

It is the student’s responsibility to use the Internet and all other related programs and resources for study specific to the course in which she is enrolled in an ethical and responsible manner.

Each student completes her/his own work and work submitted, exams or quizzes taken and communication via discussions, or any messaging system is that of the enrolled student. Use of the user name and password for the course(s) in which the student is enrolled is only by that student or her parents/guardian.

Proper Communication: Students enrolled in a course through Mercy Learning Online will employ various communication tools. It is each student’s responsibility to use these and all resources respectfully and in accordance with ethical and moral conduct. Messages are only for use within the program and messaging systems are reserved for course work only. Improper language is never permitted.

Use of Equipment/System: It is the student’s responsibility to respect all equipment and no hardware or software is to be destroyed, modified or abused in any way. A user will not alter or attempt to alter a desktop, school setup, or any system configuration. If downloads, plug-ins, etc. are needed to access course material, the student must request these downloads from the school staff. Users must respect the integrity of computing systems. Use of anything designed to disrupt or alter the performance and/or integrity of any local network system or course work on Mercy Learning Online or to breach security in any way is prohibited.

Copyright/Licenses: It is the student’s responsibility to abide by copyright laws and software licensing agreements. Software may be installed only with permission and under the supervision of the school staff. Software installed on a personal computer should follow licensing regulations. Moreover, students are required to appropriate document information accessed through the Internet. Mercy Learning Online denies any responsibility for the accuracy or quality of information obtained through Internet access.

Security: Students agree to maintain adequate security for their own accounts. Passwords are not to be shared. Individual users are responsible for activity on their accounts. No unauthorized user may enter anyone else’s account.

Penalty for Violation: Violation of the code of conduct will be referred and reported to the student’s school. Appropriate action, including but not limited to, potential removal from enrollment in Mercy Learning Online could result. Final decisions will rest with the student’s school.
AMERICAN GOVERNMENT     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     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     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.

CREATIVE WRITING     N-E05

In this 1/2 credit course students will learn to write creatively in a wide variety of forms including poetry, narratives, and other literary forms. Students will develop skills in writing and in assessing creative work including effective expression.

ASTRONOMY and COSMOLOGY     N-S03

Humans have gazed into the sky for thousands of years pondering how our lives have connected to the sun, moon, and stars. Through the science of astronomy, we now know that our connection to the Universe goes deeper than our ancestors could imagine. From Einstein’s theory of relativity to the exploration of the delicate relationship between our Earth and the Sun, this course explores some of the major discoveries in astronomy and cosmology.

Topics to be covered during this ½ credit course include the history of the telescope, The Big Bang Theory, stellar evolution, comets and asteroids, planets and moons, astrobiology, black holes and quasars, and the role of Catholicism in science and the exploration of space.

ECONOMICS     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, healthy eating, and fitness and safety 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     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  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  N-SS03

In this 1/2 credit course, the focus will be on learning basic theories and principles of psychology. Four major areas of the study of psychology will be considered. In exploring these areas, students 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.

MUSIC APPRECIATION  N-AM01

In this 1/2 credit course, students will study music in its historical and cultural contexts. Study will include a variety of genres and will include the works and contributions of significant artists and composers. Students will further develop their skills of critical analysis and be encouraged to strengthen and deepen appreciation for music.

SPEECH  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. A textbook is used for this course to provide additional resources for study.

STREET LAW  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 a study of society.

Mercy Learning Online Summer Program

June 17 - July 19, 2019

Tuition for 1/2 Credit Course - $350.00

www.mercylearningonline.org
Registration Form ~ Mercy Learning Online Summer School
June 17 – July 19, 2019

Student Name ____________________________________________  YOG ____________
Address ______________________________________________________
City/State/Zip ______________________________________________________
Parent/Guardian ______________________________________________________
Home Phone (____)_________________  Cell Phone (____)_________________
Student e-mail address ______________________________________________________
Parent e-mail address ______________________________________________________

Please check course(s) you wish to take this summer.

____ American Government (N-SS01)  ____ Global Affairs (N-SS10)
____ Anatomy (N-S02)  ____ Health (N-SP01)
____ Art History (N-A01)  ____ Intro to Psychology (N-SS03)
____ Astronomy and Cosmology (N-S03)  ____ Music Appreciation (N-AM01)
____ Creative Writing (N-E05)  ____ Speech (N-A03)
____ Economics (N-SS02)  ____ Street Law (N-SS09)
____ Fitness (N-P01)

Mercy Online Summer Courses begin June 17 and conclude July 19, 2019.

Tuition:  $350.00 ~ One course  $700.00 ~ Two courses

Full payment must accompany this registration form.
Make checks payable to Mercy High School.
The deadline for registration is June 1, 2019.

FOR OFFICE USE ONLY

Payment received date: ______________
Check number: ______________
Amount: ______________
Received by: ______________

Give this completed registration form and tuition payment to the Finance Office.
Student Name ____________________________________________  YOG ____________
Address _________________________________________________________________________
City/State/Zip ___________________________________________________________________
Parent/Guardian ________________________________
Home Phone (____) ___________________  Cell Phone (____) _________________________
Student e-mail address ___________________________  __________________________________
Parent e-mail address ________________________________

Please check course(s)/session(s) you wish to take at Mercy High School this summer.

_____  Technology Fundamentals  $350  July 8 - 26  8:00 a.m. – 10:00 a.m.

_____  Technology Fundamentals  $350  July 8 - 26  10:15 a.m. – 12:15 p.m.

_____  AP Skills Prep  $175  July 8-12  9:00 a.m. – 12:00 p.m.

Full payment must accompany this registration form.
Make checks payable to Mercy High School.
The deadline for registration is June 1, 2019.

FOR OFFICE USE ONLY
Payment received date: ______________
Check number: ______________
Amount: ______________
Received by: ______________

Give this completed registration form and tuition payment to the Finance Office.