

Mercy High School



2011-2012

Course Descriptions

MISSION STATEMENT

Mercy High School, a Catholic diocesan high school for young women, is committed to providing an educational experience that responds to individual needs. In the tradition of the Sisters of Mercy and their foundress Catherine McAuley, each student is challenged to grow, to realize her full potential, and to provide service to others within an atmosphere that fosters a spirit of community and compassion.

Founded by the Diocese of Norwich, Mercy gives preference in admission to young Catholic women residing in the diocese; however, enrollment is open to all who qualify regardless of religion, race, or nationality.

CHANGE IN CREDIT REQUIREMENTS

A minimum of 22 credits has been required for graduation from Mercy High School. In the 2010-2011 school year, all of the seniors will have earned more than 23 credits before graduation. 96% of the Class of 2011 will graduate with more than 24 credits. 90% of the Class of 2011 will graduate with 25 credits or more. 60% of the Class of 2011 will graduate with between 26 credits and 30 credits.

Mercy High School is changing the credit requirement for graduation from 22 credits for the Class of 2011 to 25 credits for the Class of 2015. The minimum credit requirement for graduation for each Class will be as follows:

- Class of 2011 – 22 credits
- Class of 2012 – 23 credits
- Class of 2013 – 23.5 credits
- Class of 2014 – 24 credits
- Class of 2015 – 25 credits

Beginning with the 2011-2012 school year, all freshmen will take a minimum of 6.5 credits. Sophomores will take a minimum of 6.5 credits. Juniors will take a minimum of 6.25 credits, and Seniors will take a minimum of 5.75 credits.

Students may select additional elective course(s) for a maximum of seven credits each 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 vice principal for academics.

After September 20, no student may withdraw from a course or change her schedule without the express permission of the vice principal for academics 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 3.

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 religion (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
- Elective courses in:
 - fine arts (music, art, dance, theatre, photography, film making)
 - public speaking, creative writing, journalism

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

GRADUATION REQUIREMENTS ~ Class of 2012

For the Class of 2012, a minimum of twenty-three credits is required 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 in computers

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.

TEXTBOOKS AND FEES

The student course selection form along with the \$50 registration fee is due March 11, 2011.

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, binders, magazines or journals that are received in class. These books, magazines, etc. are included in the course fees listed in this book. 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, U.S. History, European History, Statistics, Calculus, Biology, Chemistry, Physics, French 5, Spanish 5, and Latin Vergil. 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. The fee for each exam is \$90.

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. Mercy High School offers UConn ECE courses in Calculus and Statistics. To support rigorous learning, University of Connecticut library resources are available to all UConn ECE students.

UConn ECE students must successfully complete the course with a grade of C or above in order to receive University credit. University credits are highly transferable to other colleges and universities.

Students are charged a \$25 per credit fee. For additional program information visit: www.ece.uconn.edu.

COURSE LEVELS

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

College Prep
Advanced College Prep
Honors

The level at which the course is taught includes:

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

COL College Prep – This level of coursework offers students a solid academic foundation for college. Courses are taught at a less rigorous pace than Advanced College Prep.

ADV Advanced College Prep – This level of coursework offers students who qualify a strong academic foundation for college. Courses are taught at a more rigorous pace than College Prep.

H Honors – This level of coursework is for students who have exceptional ability in a given area, have a high level of motivation, and strong competencies in verbal and written expression, abstract thinking and research skills. Honors courses prepare students for competitive four-year colleges.

AP Advanced Placement - A fourth level, Advanced Placement, is available to juniors and seniors with superior academic ability who may earn college credit for courses in the advanced placement program.

Unleveled courses are offered in:

fine arts (music, art, theater, dance, photography, film making) public speaking, creative writing, journalism, physical education.

COURSE LEVELS

1	COL	College Prep
2	ADV	Advanced College Prep
3	H	Honors
4	AP	Advanced Placement
5		Unleveled Courses

CURRICULUM OFFERINGS

COLLEGE PREP COURSES

English 1, 2, 3; Spanish 1, 2, 3
 World History, U.S. History, Civics
 Algebra 1, Geometry, Algebra 2, Advanced Algebra
 Biology, Chemistry, Applied Physics, Physiology

ADVANCED COLLEGE PREP COURSES

Religion 1, 2, 3, 4; English 1, 2, 3, 4
 World History, Modern History, Civics
 U.S. History, Geography, Psychology
 Italian 1, 2, 3, 4; French 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, Environmental Science, Biogeography
 Microsoft Word, Computer Applications
 Publisher/Web Page, Web Design
 Business & Personal Finance, Accounting 1, 2
 Music Theory, Health

HONORS COURSES

English 1, 2, 3, 4; Humanities Seminar
 World History, Modern History, U.S. History
 Civics, Psychology, Comparative Government
 Introduction to Law, Constitutional Law
 French 2, 3, 4; Spanish 1, 2, 3, 4; Italian 2, 3, 4
 Latin 1, 2; Latin Vergil, Latin Literature
 Algebra 1, Geometry, Algebra 2, Pre-Calculus
 Biology, Chemistry, Physics, Physiology
 Neuroscience, Accounting 1, 2

ADVANCED PLACEMENT COURSES

Psychology, English Language and Composition
 English Literature and Composition, U.S. History
 European History, Statistics, Calculus, Chemistry
 Biology, Physics, French 5, Spanish 5, Latin Vergil

UNIVERSITY OF CONNECTICUT EARLY COLLEGE EXPERIENCE PROGRAM

Statistics, Calculus

UNLEVELED COURSES

Basic Art, Ceramics, Art History
 Contemporary Crafts, Drawing and Design
 Digital Photography, Film Making
 Concert Choir, Chamber Choir, Wind Ensemble
 Music Appreciation, Theatre Arts, Musical Theatre
 History of Dance, Journalism
 Creative Writing, Public Speaking
 Physical Education 1, 2, 3

MERCY ONLINE SUMMER COURSES

American Government, Art History
 Creative Writing, Economics
 Health, Intro to Psychology
 Fitness, Sociology, Speech

TENTATIVE COURSE OF STUDIES

FRESHWOMAN COURSE		CREDIT
Religion	Religion 1	_____
Physical Education	Phys. Ed.	_____
English	_____	_____
Science	_____	_____
Mathematics	_____	_____
Social Studies	_____	_____
World Language	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
TOTAL CREDITS:		_____

SOPHOMORE COURSE		CREDIT
Religion	Religion 2	_____
Physical Education	Phys. Ed.	_____
English	_____	_____
Science	_____	_____
Mathematics	_____	_____
Social Studies	_____	_____
World Language	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
TOTAL CREDITS:		_____

TENTATIVE COURSE OF STUDIES

JUNIOR COURSE		CREDIT
Religion	Religion 3	_____
Physical Education	Phys. Ed.	_____
English	_____	_____
Science	_____	_____
Mathematics	_____	_____
Social Studies	_____	_____
World Language	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
TOTAL CREDITS:		_____

SENIOR COURSE		CREDIT
Religion	Religion 4	_____
English	_____	_____
Science	_____	_____
Mathematics	_____	_____
Social Studies	_____	_____
World Language	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
TOTAL CREDITS:		_____

MERCY HIGH SCHOOL

GRADE/COURSE LEVEL INFORMATION

The **Class Rank** and **Grade Point Average** are computed according to a system of weighting courses based on the level of difficulty at which the course is taught.

GRADE POINT AVERAGE and RANK IN CLASS ARE COMPUTED ON THE 4.0 SCALE.

STUDENTS WHO TAKE COURSES ON THE HONORS OR ADVANCED PLACEMENT LEVEL
EARN ADDITIONAL POINTS TOWARD THEIR CUMULATIVE GPA.

THE FOLLOWING SCALES APPLY TO **ONE CREDIT** COURSES.
TO COMPUTE POINTS FOR 1.25 CREDIT COURSES, MULTIPLY BY 1.25;
FOR 0.75 CREDIT COURSES, MULTIPLY BY 0.75.
FOR 0.5 CREDIT COURSES, MULTIPLY BY 0.5.

GRADES ~ COURSE LEVELS ~ GRADE POINTS				
GRADES	COURSE LEVELS			
	AP <i>Advanced Placement</i>	H <i>Honors</i>	ADV <i>Advanced College Prep</i>	COL <i>College Prep</i>
A+ 97-100	4.7-4.8	4.4-4.5	3.9-4.0	3.5-3.6
A 93-96	4.5-4.6	4.2-4.3	3.7-3.8	3.3-3.4
A- 90-92	4.3-4.4	4.0-4.1	3.5-3.6	3.1-3.2
B+ 87-89	4.0-4.2	3.7-3.9	3.2-3.4	2.8-3.0
B 83-86	3.6-3.9	3.3-3.6	2.8-3.1	2.4-2.7
B- 80-82	3.4-3.5	3.1-3.2	2.6-2.7	2.2-2.3
C+ 77-79	3.2-3.3	2.9-3.0	2.4-2.5	2.0-2.1
C 73-76	2.8-3.1	2.5-2.8	2.0-2.3	1.6-1.9
C- 70-72	2.5-2.7	2.2-2.4	1.7-1.9	1.3-1.5
D 65-69	2.0-2.4	1.7-2.1	1.2-1.6	0.8-1.2
F < 65	0	0	0	0

RELIGION

#012 RELIGION 1

Level: Advanced College Prep Credit: 0.75
Required of: Freshwomen

This course strives to help students develop a living, explicit, and active faith through formation in doctrine and the experience of Christian living. The objectives of this course are to help students open themselves to God's gift of faith so that it becomes real and meaningful to them and to promote in all students both an intellectual understanding of faith and an appreciation of the spiritual and affective dimensions of faith.

#022 RELIGION 2

Level: Advanced College Prep Credit: 0.75
Required of: Sophomores

This course strives to help the 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. It focuses on the important question: *What kind of person am I becoming, and what kind of person do I want to become?* This course also assists each student in developing a more mature appreciation and insight into the meaning of prayer in her life. The students learn how to integrate prayer in their moral decision-making process.

#032 RELIGION 3

Level: Advanced College Prep Credit: 0.75
Required of: Juniors

This course focuses on the issues of peace and justice in order to assist in the faith development of the student and to stress a sense of community awareness and responsibility as Catholic citizens of America and our global village. Based on the church's call to justice and its present day teachings, students are asked to respond to that call by addressing such issues as poverty, hunger, sexism, racial prejudice, violence, the elderly, environmental issues, women's issues, capital punishment, respect for all human life, and the penal justice system. The students are encouraged to take their religion out into the world and to believe that they can make a difference.

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.

#042 RELIGION 4

Level: Advanced College Prep Credit: 0.75
Required of: Seniors

The comparative study of major world religions broadens the religious perspective of the student. By looking into other religious beliefs, one's own creed is enriched. Common components of tradition, scripture, symbols, and rituals are studied for each respective belief. The entire course focuses on the personal, social, and faith tasks confronting the students and nurtures the attitudes and skills required by them to live as Christians after they leave Mercy High School.

MERCY SERVICE PROGRAM

Community service is a fundamental part of being a Christian, and it is deeply rooted in the Gospel tradition. 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 our spirits.

The number of total hours of service required for graduation is as follows:

- Class of 2012 – 75 hours for graduation
- Class of 2013 – 80 hours for graduation
- Class of 2014 – 100 hours for graduation
- Class of 2015 – 100 hours for graduation

Students may complete their required number of service hours at any time during their four years at Mercy prior to graduation. Students are encouraged to perform as much community service as their schedule permits.

Freshwomen and sophomores must complete a minimum of 25 hours each year for a total of 50 hours before beginning their junior year. Service Hours must be completed by April 27, 2012. No diploma will be given to a senior until her service hours have been completed. Transfer students, upon entrance into Mercy, will meet with the Campus Minister to discuss their involvement in the service 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.

All service work must be approved by either the Campus Minister or the student's religion teacher prior to completion. All students are required to complete a reflection paper on their community service project as part of their final Religion grade. The length and due date of the paper will be determined by the Religion teacher.

ENGLISH

#111 ENGLISH 1 - H

Level: Honors Credit: 1

Required of: Designated Freshwomen

Students read, analyze, and evaluate short stories, poems, plays, and novels, such as *Of Mice and Men*, *Romeo and Juliet* and *A Separate Peace*. Students develop their grammar, writing and critical thinking skills on material selected to challenge and inspire highly motivated students.

#112 ENGLISH 1 - ADV

Level: Advanced College Prep Credit: 1

Required of: Designated Freshwomen

Students read and evaluate short stories, poems, plays, and novels, such as *Romeo and Juliet*, *And Then There Were None* and *The Curious Incident of the Dog in the Night*. Throughout the course, students are expected to improve their grammar, writing, vocabulary, and critical thinking skills.

#113 ENGLISH 1 - COL

Level: College Prep Credit: 1

Required of: Designated Freshwomen

Students examine a variety of short stories, poems, plays, and novels, such as *The Miracle Worker*, *Where are the Children* and *Romeo and Juliet*. Throughout the course, students are expected to improve usage, vocabulary, and reading comprehension skills.

#121 ENGLISH 2 - H

Level: Honors Credit: 1

Required of: Sophomores

Prerequisite: Recommendation of present English teacher

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.

#122 ENGLISH 2 - ADV

Level: Advanced College Prep Credit: 1

Required of: Sophomores

Prerequisite: Recommendation of present English teacher

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.

#123 ENGLISH 2 - COL

Level: College Prep Credit: 1

Required of: Sophomores

Prerequisite: Recommendation of present English teacher

Students read a variety of world literature to develop a deeper appreciation of reading. Throughout the course, they develop their skills in vocabulary, grammar, writing and critical thinking.

#131 ENGLISH 3 - H

Level: Honors Credit: 1

Required of: Juniors

Prerequisite: Recommendation of present English teacher

Course fee: \$38 - for literature book received in class

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 includes preparation for the SAT's; grammar and usage skills are refined during the writing process.

#132 ENGLISH 3 - ADV

Level: Advanced College Prep Credit: 1

Required of: Juniors

Prerequisite: Recommendation of present English teacher

Students study major American works, authors and themes. Vocabulary study is based on these works and words are studied in context. Students also review for the SAT's. Writing, grammar and usage skills are stressed.

#133 ENGLISH 3 - COL

Level: College Prep Credit: 1

Required of: Juniors

Prerequisite: Recommendation of present English teacher

Students study a variety of American works and authors. Vocabulary study includes preparation for the SAT's. Writing, grammar and usage skills are stressed.

ENGLISH

#139 ENGLISH LANGUAGE - AP

Level: Advanced Placement Credit: 1

Open to: Select Juniors

Prerequisite: Recommendation of present English teacher

Course fee: \$90 – for advanced placement exam

Students expand on the 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 study many selections of British literature, ranging from Anglo-Saxon to modern times. Through extensive reading, class discussion, analytical writing, and critical thinking, students develop skills necessary for the future.

#142 ENGLISH 4 - ADV

Level: Advanced College Prep Credit: 1

Required of: Seniors

Prerequisite: Recommendation of present English teacher

Course fee: \$57 - for literature book received in class

Students study representative selections of British literature from the Anglo-Saxon epic to contemporary fiction. This course includes historical background as an aid to understanding and appreciating major works of various periods. Students continue to improve writing and critical thinking skills. Special emphasis is placed on expository writing.

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.

#149 ENGLISH LITERATURE - AP

Level: Advanced Placement Credit: 1

Open to: Select Seniors

Prerequisite: Recommendation of present/previous English teacher

Course fee: \$90 – for advanced placement exam

Through the study of selected works of literary merit, spanning the centuries from ancient to modern, recommended by the Advanced Placement College Board, students develop their abilities to compose valid individual analyses in extensive class discussion and numerous papers. Students are encouraged to express, support, and share their personal responses to literature. Individual and collaborative projects create student-centered classes. Students take the AP English Literature and Composition exam in May.

#160 JOURNALISM

Credit: 1

Open to: Sophomores, Juniors and Seniors

Course fee: \$35 – for journalism magazine received in class

Students learn to generate ideas, organize, interview, gather accurate information, write news stories, evaluate good writing, produce good writing, edit, scan pictures, and publish a newspaper, using Microsoft Publisher. In addition to writing, editing and producing the *Tiger Times*, students also study the field of journalism. Students learn how to write a news article and study different types of journalism, including crime and court reporting, war-time reporting, and political and investigative journalism. Students also learn about the history of journalism and media ethics.

#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 various 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.

ENGLISH

#175 CREATIVE WRITING

Credit: 0.5

Open to: Sophomores, Juniors and Seniors (*One Semester*)
Course fee: \$15 - for literary magazine received in class

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.

#186 HUMANITIES SEMINAR - H

Level: Honors

Credit: 0.5

Open to: Select Seniors (*Semester 2*)

Prerequisite: Recommendation of present English teacher
Course fee: \$40 (*All books are received in class.*)

This one semester course consists of the exploration of a major humanistic theme – for example, the ability to endure and prevail – in literature and film. Books read in the course have included *The Odyssey*, *Black Elk Speaks*, *Way to Rainy Mountain*, *The Once and Future King*, and *I, Rigoberta Menchu*. Texts and films are chosen by the teachers and Wesleyan professors who are partners in the seminar. In addition to classes at Mercy, students attend six full school days of lectures and films at Wesleyan University.

SOCIAL STUDIES

#211 WORLD HISTORY - H

Level: Honors

Credit: 1

Required of: Designated Freshwomen

This survey course analyzes the oldest areas of civilization, which include the Middle East, Asia, Africa and the Mediterranean. It also examines the Medieval, Renaissance and Reformation periods. The course also stresses geography, reading and writing skills, and use of modern technology. 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

Credit: 1

Required of: Designated Freshwomen

This survey course covers the oldest areas of civilization, which include the Middle East, Asia, Africa and the Mediterranean. It also examines the Medieval, Renaissance and Reformation periods. The course emphasizes geography, reading and writing skills, and encourages the use of modern technology. Current events are periodically discussed and linked to past history. A formal research paper is required.

#213 WORLD HISTORY - COL

Level: College Prep

Credit: 1

Required of: Designated Freshwomen

This survey course covers the oldest areas of civilization, which include the Middle East, Asia, Africa and the Mediterranean. It also examines the Medieval, Renaissance and Reformation periods. The course also stresses geography, reading, writing and study skills. A short paper using these learned skills is required. Current events are periodically discussed and linked to past history.

#272 GEOGRAPHY - ADV

Level: Advanced College Prep

Credit 0.5

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

This one semester course consists of an intensive study of basic geography and related concepts. It provides students with a working knowledge of the world’s landforms and oceans, with emphasis on regions as well as individual countries. Particular attention is given to the geography of the United States.

SOCIAL STUDIES

#236 CIVICS - H

Level: Honors Credit: 0.5
 Open to: Sophomores, Juniors and Seniors (*One Semester*)
 Course fee: \$10.00 – for magazine

#237 CIVICS - ADV

Level: Advanced College Prep Credit: 0.5
 Open to: Sophomores, Juniors and Seniors (*One Semester*)
 Course fee: \$10.00 – for magazine

#238 CIVICS- COL

Level: College Prep Credit: 0.5
 Open to: Sophomores, Juniors and Seniors (*One Semester*)
 Course fee: \$10.00 – for magazine

Civics 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: 1
 Open to: Sophomores, Juniors and Seniors (*Full Year*)

#216 MOD HISTORY SEM 1– H

Level: Honors Credit: 0.5
 Open to: Sophomores, Juniors and Seniors (*Semester 1*)

#226 MOD HISTORY SEM 2 – H

Level: Honors Credit: 0.5
 Open to: Sophomores, Juniors and Seniors (*Semester 2*)

This in-depth 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 write a formal research paper. Links between the past and the present are consistently made.

Semester one covers sixteenth and seventeenth century absolutism in European nations. It looks at the ideas of the Enlightenment and their impact on Western governments. The revolutions of England, France and Russia are studied. The course also covers the Industrial Revolution, nineteenth century imperialism and the establishment of Communist rule in Russia.

Semester two covers World War I, The Great Depression, World War II, the Cold War, modern world genocides, the fall of communism and the conflicts in the Middle East.

#222 MODERN HISTORY - ADV

Level: Advanced College Prep Credit: 1
 Open to: Sophomores, Juniors and Seniors (*Full Year*)

#217 MOD HISTORY - SEM 1 - ADV

Level: Advanced College Prep Credit: 0.5
 Open to: Sophomores, Juniors and Seniors (*Semester 1*)

#227 MOD HISTORY - SEM 2 - ADV

Level: Advanced College Prep Credit: 0.5
 Open to: Sophomores, Juniors and Seniors (*Semester 2*)

This survey course includes the study of political, social, and economic trends as well as the rise, growth, and decline of individual countries. There is a strong emphasis on connecting past history with present events and life. Students are required to write a formal research paper.

Semester one covers sixteenth and seventeenth century absolutism in European nations. It looks at ideas of the Enlightenment and their impact on western governments. The revolutions of England, France, and Russia are studied. The course also covers the Industrial Revolution, nineteenth century imperialism and the establishment of Communist rule in Russia.

Semester two covers World War I, the Great Depression, World War II, the Cold War, modern world genocides, the fall of communism, and the conflicts in the Middle East.

#229 EUROPEAN HISTORY - AP

Level: Advanced Placement Credit: 1
 Open to: Select Seniors
 Prerequisite: Recommendation of present/previous History teacher
 Course fee: \$90 – for advanced placement exam

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.

Civics ~ Government

A one semester course in civics, government, or constitutional law is required of all students for graduation.

SOCIAL STUDIES

#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.

#233 U.S. HISTORY - COL

Level: 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. It covers the period from the writing of the Constitution to the present. There is an emphasis on writing clearly and on analysis.

#239 U.S. HISTORY - AP

Level: Advanced Placement Credit: 1

Open to: Select Juniors and Seniors

Prerequisite: Recommendation of present/previous History teacher

Course fee: \$90 – for advanced placement exam

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.

#241 COMPARATIVE GOVERNMENT - H

Level: Honors Credit: 1

Open to: Seniors (Full Year)

Course fee: \$30 – for magazine received in class

#246 COMP. GOVERNMENT - SEM 1 - H

Level: Honors Credit: 0.5

Open to: Seniors (Semester 1)

Course fee: \$30 – for magazine received in class

#266 COMP. GOVERNMENT - SEM 2 - H

Level: Honors Credit: 0.5

Open to: Seniors (Semester 2)

Course fee: \$30 – for magazine received in class

Comparative Government is a study of the "Isms" – Communism, Socialism, Capitalism, and Fascism. This course involves analyzing the complex international problems involving these government systems as they exist today.

During the first semester, students examine the systems of capitalism and socialism using the United States and England respectively as examples.

In the second semester, students study communism by tracing its development from Lenin to the fall of communism in 1990 and they study the rise of fascism under the regimes of Hitler and Mussolini right up to its influence on world events today. Much of the work includes keeping abreast of current issues, open class discussions on current topics, weekly "editorial" type papers and a term project.

#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.

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.

SOCIAL STUDIES

#286 CONSTITUTIONAL LAW - H

Level: Honors Credit: 0.5

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

This course gives students an in-depth look at the United States Constitution and how the courts and ordinary citizens have interpreted its language over the years. Students learn the public speaking skills necessary to present their views on governmental issues that have an impact on their lives. They also learn a variety of debating techniques with a focus on Constitutional issues. Each student's speeches and debates are critiqued, analyzed, and graded.

#251 PSYCHOLOGY - H

Level: Honors Credit: 1

Open to: Seniors (*Full Year*)

Prerequisite: Recommendation of present History teacher

#256 PSYCHOLOGY - SEM 1 - H

Level: Honors Credit: 0.5

Open to: Seniors (*Semester 1*)

Prerequisite: Recommendation of present History teacher

In semester one, this honors 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.

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.

#252 PSYCHOLOGY - ADV

Level: Advanced College Prep Credit: 1

Open to: Seniors (*Full Year*)

Prerequisite: Recommendation of present History teacher

#257 PSYCHOLOGY - SEM 1 - ADV

Level: Advanced College Prep Credit: 0.5

Open to: Seniors (*Semester 1*)

Prerequisite: Recommendation of present History teacher

This 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.

First semester 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.

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.

#259 PSYCHOLOGY - AP

Level: Advanced Placement Credit: 1

Open to: Select Seniors

Prerequisite: Recommendation of present/previous History teacher

Course fee: \$90 – for advanced placement exam

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

LATIN

#311 LATIN 1 - H

Level: Honors Credit: 1
Open to: Freshwomen; Sophomores and Juniors
Prerequisite: Recommendation of present World Language teacher if this is a second language

Students learn vocabulary, grammar, and pronunciation of the Latin language in a fast moving course 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 World Language teacher if this is a second language

This reading-based Latin language course follows the daily life and adventures of a Roman family. The readings familiarize students with Roman culture and, at the same time, build rapid facility with the Latin language.

#321 LATIN 2 - H

Level: Honors Credit: 1
Open to: Freshwomen, Sophomores, Juniors and Seniors
Prerequisite: Latin 1; Recommendation of Latin teacher

Latin 2 Honors reviews and expands the grammar learned in Latin 1 at an accelerated pace. More emphasis is placed on reading Latin passages of greater length and difficulty such as stories about Perseus, Hercules, and Jason and the Argonauts. Students read selections from Caesar, Livy, and Ovid.

#322 LATIN 2 - ADV

Level: Advanced College Prep Credit: 1
Open to: Freshwomen, Sophomores, Juniors and Seniors
Prerequisite: Latin 1; Recommendation of Latin teacher

This reading-based Latin 2 course continues to focus 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 LITERATURE - H

Level: Honors Credit: 1
Open to: Sophomores, Juniors and Seniors (2011-2012)
Prerequisite: Latin 2; Recommendation of Latin teacher

Students read, study, and analyze Catullus' lyric poetry and Ovid's *Metamorphoses*. Students review and learn grammar as they translate and complete individual and group projects related to the Latin literature studied and classical mythology.

#341 LATIN VERGIL - H

Level: Honors Credit: 1
Open to: Sophomores, Juniors and Seniors (2012-2013)
Prerequisite: Latin 2; Recommendation of Latin teacher

Students read, study and analyze extensive Latin selections from Vergil's Aeneid. The poet's style becomes familiar through daily translations and discussions. Students review grammar as they translate and complete research projects based on the age of Augustus.

#349 LATIN VERGIL - AP

Level: Advanced Placement Credit: 1
Open to: Sophomores, Juniors and Seniors (2012-2013)
Prerequisite: Latin 2; Recommendation of Latin teacher
Course fee: \$90 - for advanced placement exam

Students read, study and analyze extensive Latin selections from Vergil's Aeneid. The poet's style becomes familiar through daily translations and discussions. Students review grammar as they translate and complete research projects based on the age of Augustus. Students take the AP Latin Vergil exam in May.

*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.*

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.

FRENCH

#361 FRENCH 2 - H

Level: Honors Credit: 1
Open to: Freshwomen, Sophomores and Juniors
Prerequisite: French 1; Recommendation of French teacher

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

#362 FRENCH 2 - ADV

Level: Advanced College Prep Credit: 1
Open to: Freshwomen, Sophomores and Juniors
Prerequisite: French 1; Recommendation of French teacher

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: Honors French 2;
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;
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: Honors French 3
Recommendation of present French teacher

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

#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: Honors French 4;
Recommendation of present French teacher
Course fee: \$90 - for advanced placement exam

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

*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.*

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 is an introductory course 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: Freshwomen, Sophomores and Juniors

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 Honors 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 Honors or superior performance in Spanish 2 Adv; Recommendation of Spanish 2 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.

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

#732 SPANISH 3 - ADV

Level: Advanced College Prep Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Spanish 2; Recommendation of Spanish 2
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.

#733 SPANISH 3 - COL

Level: College Prep Credit: 1
Open to: Sophomores, Juniors and Seniors
Prerequisite: Spanish 2; Recommendation of Spanish 2
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 Spanish 3
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.

*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.*

#742 SPANISH 4 - ADV

Level: Advanced College Prep Credit: 1
Open to: Juniors and Seniors
Prerequisite: Spanish 3; Recommendation of Spanish 3
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 Spanish 4
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

Level: Advanced Placement Credit: 1
Open to: Seniors
Prerequisite: Spanish 4 Honors; Recommendation of
Spanish 4 teacher or Department Chairperson
Course fee: \$90 – for advanced placement exam

This Advanced Placement course in Spanish 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.

ITALIAN

#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.

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.*

#781 ITALIAN 3 - H

Level: Honors Credit: 1
Open to: Juniors and Seniors
Prerequisite: Italian 2; Recommendation of Italian 2 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 2 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 3 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 3 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.

MATHEMATICS

#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; Sophomores and Juniors

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; Sophomores and Juniors

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
(Honors Algebra 2 Honors may be taken concurrently with Honors Geometry.)

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 present 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 geometry 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
(Honors Geometry may be taken concurrently with Honors Algebra 2.)

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.

SCIENCE

#511 BIOLOGY - H

Level: Honors Credit: 1
Open to: Designated Freshwomen
Course fee: \$65 - for lab supplies (including lab notebook)

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: Designated Freshwomen ; Sophomores
Course fee: \$65 - for lab supplies (including lab notebook)

This course provides a basic understanding of the biochemistry of cells, reproduction, photosynthesis, cellular respiration, and genetics and covers the biology and evolution of organisms as they relate to each other and their environment. The course includes an investigative laboratory component as well as laboratory report writing.

#513 BIOLOGY - COL

Level: College Prep Credit: 1
Open to: Designated Freshwomen; Sophomores
Course fee: \$65 - for lab supplies (including lab notebook)

This course focuses on the structure and diversity of organisms. Through a variety of class activities and lab investigations, students explore major biological concepts including taxonomy, cell structure, photosynthesis, respiration, and genetics. Students are also introduced to topics in ecology and evolution – to help them recognize the interrelationships among organisms, and gain appreciation for the natural world in which we live.

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.

#529 BIOLOGY - AP

Level: Advanced Placement Credit: 1.25
Open to: Juniors and Seniors
Prerequisite: Biology
Chemistry - H and/or Chemistry - AP
Recommendation of present Science teacher

Course fee: \$65 - for lab supplies (including lab notebook)
\$90 – for advanced placement 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.

#531 CHEMISTRY - H

Level: Honors Credit: 1
Open to: Sophomores and Juniors
Prerequisite: Biology and Algebra 1;
Recommendation of present Science teacher
Course fee: \$75 - for lab supplies (including lab notebook)

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;
Recommendation of present Science teacher
Course fee: \$75 - for lab supplies (including lab notebook)

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.

SCIENCE

#551 PHYSIOLOGY - H

Level: Honors Credit: 1
Open to: Juniors and Seniors
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: \$90 - for lab supplies (including lab notebook)

This course is a comprehensive study of structural and biochemical complexities of the human body. Special emphasis is placed on the physical and chemical laws, which govern bodily function. An effort is made to emphasize the concepts of structural determination of function and homeostasis, while stressing a reverence for life and instilling awe at the amazing functional capabilities of the human body. These concepts are reinforced through the use of dissection and computer simulation and measurement of bodily functions.

#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: \$90 - for lab supplies (including lab notebook)

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.

#553 PHYSIOLOGY - COL

Level: College Prep Credit: 1
Open to: Juniors and Seniors
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: \$90 - for lab supplies (including lab notebook)

This course provides students with a basic introduction to the study of human anatomy. Through a study of each body system, students develop the ability to communicate and to use their knowledge to understand their own health care concerns. This course includes laboratory activities and dissection.

#571 NEUROSCIENCE - H

Level: Honors Credit: 1
Open to: Juniors and Seniors (*Full Year*)
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: \$90 - for lab supplies (including lab notebook)

In semester one, this honors course investigates in detail the biological basis of human behavior, beginning with the physiology of the neuron and its relationship to the functioning of the brain and spinal cord and the changes in brain chemistry that produce moods, behavior and personality. Along with laboratory investigations (which include dissection), technology, and web-based interactive studies, students explore recent findings in the field of neuroscience.

In semester two, this course examines the biology of conscious states, such as sleep, dreaming and meditation; the control of movement; the process of perception (taste, sound, and vision); the acquisition of learning and memory; the expression and causes of emotion; motivational drives and the development of psychoses. There is continued emphasis on lab investigations and scientific source reading.

#576 NEUROSCIENCE SEM 1 – H

Level: Honors Credit: 0.5
Open to: Juniors and Seniors (*Semester 1*)
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: \$70 - for lab supplies (including lab notebook)

See above description for Neuroscience – **semester one**.

#586 NEUROSCIENCE SEM 2 – H

Level: Honors Credit: 0.5
Open to: Juniors and Seniors (*Semester 2*)
Prerequisite: Neuroscience 1
Recommendation of present Science teacher
Course fee: \$70 - for lab supplies (including lab notebook)

See above description for Neuroscience – **semester two**.

SCIENCE

#572 NEUROSCIENCE - ADV

Level: Advanced College Prep Credit: 1
Open to: Juniors and Seniors (*Full Year*)
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: \$90 - for lab supplies (including lab notebook)

In semester one, 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.

#577 NEUROSCIENCE SEM 1 - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (*Semester 1*)
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: \$70 - for lab supplies (including lab notebook)

See above description for Neuroscience – **semester one**.

#587 NEUROSCIENCE SEM 2 - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (*Semester 2*)
Prerequisite: Neuroscience 1
Recommendation of present Science teacher
Course fee: \$70 - for lab supplies (including lab notebook)

See above description for Neuroscience – **semester two**.

#527 BIOGEOGRAPHY

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

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

#562 ENVIRONMENTAL SCIENCE - ADV

Level: Advanced College Prep Credit: 1
Open to: Juniors and Seniors
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: \$70 - for lab supplies (including lab notebook)

This course has a major emphasis on understanding natural ecosystems by investigating the interactions among their living and nonliving components. Student experiences include laboratory and field work. This course is designed for students whose interest in science may lead to careers in environmental science, as well as those students interested in expanding their knowledge of our natural environment.

In semester one, topics include the organization of the biosphere, biological diversity, biogeochemical cycles, ecological interactions, and land and water resources.

In semester two, topics include energy, additional natural resources, human impact, population growth, and sustainability.

#567 ENVIRON. SCIENCE SEM 1 - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (*Semester 1*)
Prerequisite: Biology and Chemistry;
Recommendation of present Science teacher
Course fee: \$50 - for lab supplies (including lab notebook)

See above description for Environmental Science – **semester one**.

#597 ENVIRON. SCIENCE SEM 2 - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (*Semester 2*)
Prerequisite: Environmental Science 1
Recommendation of present Science teacher
Course fee: \$50 - for lab supplies (including lab notebook)

See above description for Environmental Science – **semester two**.

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.

MUSIC & THEATRE

#800 MUSIC APPRECIATION

Credit: 0.5

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

Music Appreciation is a one semester course for both musicians and non-musicians. This course explores several styles of music including Rock, Jazz, R&B and Country. Students learn what makes each style unique and study key performers and performances. Musical ability and/or musical knowledge are not prerequisites for this course.

#810 HISTORY OF DANCE

Credit: 0.5

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

Course fee: \$60 - for class supplies

This class explores the history of dance through the ages, combining video technology with live choreography. Students participate in all styles of dance and choreography. In this class, each student also acts as the teacher of her peers by creating an original dance for everyone to try.

#812 MUSIC THEORY

Level: Advanced College Prep

Credit: 0.5

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

This one semester course covers beginning music theory including reading music, exploring major and minor scales and beginning harmonies, as well as music diction and ear training. Students are introduced to music analysis and part writing.

#820 CONCERT CHOIR

Credit: 1

Open to: All Students (Full Year)

Course fee: \$55 - for sheet music and supplies

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: \$30 - for sheet music and supplies

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: Audition (February - March);

Recommendation of the music director

Course fee: \$55 - for sheet music and supplies

The Chamber Choir is an **audition only** class that has two major performances during the year as well as numerous concerts throughout the year.

#850 WIND ENSEMBLE

Credit: 1

Open to: All Students (Full Year)

Course fee: \$55 - for sheet music and supplies

Wind Ensemble is open to all students in grades 9 - 12 who play a band instrument. Students perform music from various genres, and perform two major evening concerts during the year. If a student does not own a musical instrument, there is a fee for the rental of the instrument for this course.

#855 WIND ENSEMBLE - SEM

Credit: 0.5

Open to: All Students (One Semester)

Course fee: \$30 - for sheet music and supplies

Wind Ensemble is open to all students in grades 9 - 12 who play a band instrument. Students perform music from various genres, and perform one major evening concert during the semester. If a student does not own a musical instrument, there is a fee for the rental of the instrument for this course.

#860 MUSICAL THEATRE

Credit: 0.5

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

This one semester course explores the world and history of musical theatre. This course focuses on strengthening students own skills in the prime performance areas of musical theatre – singing, dancing, and acting. Students not only gain knowledge of the history of musical theatre, but they also gain confidence and technique in their own stage abilities in performing. Through the two aspects of research and performance, students connect both the social and historical components of musical theatre.

MUSIC & THEATRE

#870 THEATRE ARTS

Credit: 1

Open to: All Students (*Full Year*)

#865 THEATRE ARTS - SEM 1

Credit: 0.5

Open to: All Students (*Semester 1*)

#875 THEATRE ARTS - SEM 2

Credit: 0.5

Open to: All Students (*Semester 2*)

This course explores the art of the theatre on the stage and behind the scenes.

In **semester one**, students concentrate on some of the pre-production necessities: make-up and hair design, costume construction either full size or in miniature, improv and acting techniques, and set design.

In **semester two**, students learn script writing, lighting design, prop/set design and construction. Students are involved in every aspect of the spring Theatre Arts production which is usually a musical comedy. Sometimes the Theatre Arts class performs a written play; often they write their own.

It is recommended that students take the Theatre Arts class for the full year – Course #870. However, they may take this class for just one semester – Course #865 semester one or Course # 875 semester two. Students who have taken Theatre Arts before may take it again.

PHOTOGRAPHY

& FILM MAKING

#880 DIGITAL PHOTOGRAPHY

Credit: 0.5

Open to: Sophomores, Juniors and Seniors (*One Semester*)
Prerequisite: Students must have their own Digital Camera and at least a 1 GB flash drive (memory stick)

Course fee: \$100 – 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 a variety of lighting styles, studio and natural lighting while using a variety of subjects, portraits, still life, architecture etc. This is a project based class. Students complete a total of five major photography projects including a song/poem pictorial, a sellable item project, a self-portrait project and more. There is a weekly photo contest based on a theme chosen for the week as well as in class photography shooting assignments.

#890 FILM MAKING

Credit: 0.5

Open to: Sophomores, Juniors and Seniors (*One Semester*)
Course fee: \$100 – for materials used in class

This is an introductory course into the art of film making. Students learn to create films and digital shorts. Assignments include commercials, public service announcements and music videos. Students have a hand in each project from beginning (brainstorming), and pre-production (props/costume design) to production (filming and editing). Students who have taken Film making before may repeat 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.

FINE ARTS

#910 BASIC ART

Credit: 1

Open to: All Students (Full Year)

Course fee: \$135 – for materials used in class

This course covers various drawing techniques: pen and ink, calligraphy, airbrushing, etc. Color and form are explored through the use of a variety of mediums.

#915 BASIC ART - SEM

Credit: 0.5

Open to: All Students (One Semester)

Course fee: \$70 – for materials used in class

This course covers various drawing techniques: pen and ink, calligraphy, airbrushing, etc. Color and form are explored through the use of a variety of mediums.

#920 CERAMICS

Credit: 1

Open to: Sophomores, Juniors and Seniors (Full Year)

Course fee: \$135 – for materials used in class

This **full year course** offers a study of the basic hand-building techniques. Processes of drying, firing, glazing, and surface design are covered. Independent projects are encouraged.

#930 ART HISTORY

Credit: 1

Open to: All Students (Full Year)

Course fee: \$135 – for materials used in class

This fee includes textbook.

This course is an in-depth and exciting study of art through the ages. An outstanding textbook is used and students learn to combine art history, art criticism, aesthetics and independent studio art projects.

#935 ART HISTORY – SEM

Credit: 0.5

Open to: All Students (One Semester)

Course fee: \$70 – for materials used in class

This fee includes textbook.

This course is an in-depth and exciting study of art through the ages. An outstanding textbook is used and students learn to combine art history, art criticism, aesthetics and independent studio art projects.

#940 CONTEMPORARY CRAFTS

Credit: 1

Open to: All Students (Full Year)

Course fee: \$135 – for materials used in class

This course is an introduction to crafts relevant to contemporary life styles while including knowledge of past skills. Students work with fabrics, weaving, basketry, stenciling, stained glass and three-dimensional forms. Students are encouraged to share their own skills with others in the class, and guest demonstrators are welcome.

#945 CONTEMPORARY CRAFTS – SEM

Credit: 0.5

Open to: All Students (One Semester)

Course fee: \$70 – for materials used in class

This course is an introduction to crafts relevant to contemporary life styles while including knowledge of past skills. Students work with fabrics, weaving, basketry, stenciling, stained glass and three-dimensional forms. Students are encouraged to share their own skills with others in the class, and guest demonstrators are welcome.

#950 DRAWING AND DESIGN

Credit: 1

Open to: All Students (Full Year)

Course fee: \$135 – for materials used in class

This course is an introduction to the basic elements of design. Line, texture, shape, form, color, space, and commercial use of design are explored through a variety of mediums and techniques. In an introduction to painting, the works and methods of well-known artists are studied in depth. Students keep an ongoing "Art Journal."

#955 DRAWING AND DESIGN - SEM

Credit: 0.5

Open to: All Students (One Semester)

Course fee: \$70 – for materials used in class

This course is an introduction to the basic elements of design. Line, texture, shape, form, color, space, and commercial use of design are explored through a variety of mediums and techniques. In an introduction to painting, the works and methods of well-known artists are studied in depth. Students keep an ongoing "Art Journal."

BUSINESS

#637 BUSINESS & PERSONAL FINANCE

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

In this semester course, students learn financial skills for everyday life. Students learn the basic principles of banking and credit, consumerism, investments in stocks and bonds, insurance, income tax fundamentals, and financial planning. Topics covered include: savings and interest, checking accounts, comparison shopping, obtaining loans, credit, purchasing various types of insurance such as car, life and health, filling out the 1040 EZ federal tax return form, and financial goal setting and planning. Students compete in the Connecticut Stock Market Game, attend the Financial Reality Fair, listen to various financial speakers, and complete the simulation "On Your Own" using skills acquired throughout the semester.

#671 ACCOUNTING 1 – H

Level: Honors Credit: 0.5
Open to: Juniors and Seniors (*Semester 1*)
Prerequisite: Recommendation of present Math teacher

At an accelerated pace, students cover the concepts of Accounting 1 in this **one semester honors course**. Students learn the principles of debits and credits and the accounting cycle for a sole proprietorship and corporation. The work for this accounting class is completed manually and also electronically using Peachtree software.

#681 ACCOUNTING 2 – H

Level: Honors Credit: 0.5
Open to: Juniors and Seniors (*Semester 2*)
Prerequisite: Accounting 1; Recommendation of present Math or Accounting teacher

This **one semester honors course** is a continuation of Accounting 1 Honors. Topics covered include payroll records, payroll taxes, accounting principles and reporting standards, financial statements, accruals, deferrals, notes payable and notes receivable, uncollectible accounts receivable, inventory costing, depreciation, partnerships, corporations and stock transactions. The students use Peachtree and Excel.

#672 ACCOUNTING 1 - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (*Semester 1*)
Prerequisite: Recommendation of present Math teacher

In this **one-semester course**, the students learn the principles of debits and credits; the accounting cycle for a sole proprietorship, the basics of maintaining a checking account, and how to prepare a payroll. Students complete some problems using Accounting software and Excel. The students also participate in the Stock Market Game.

#682 ACCOUNTING 2 - ADV

Level: Advanced College Prep Credit: 0.5
Open to: Juniors and Seniors (*Semester 2*)
Prerequisite: Accounting 1; Recommendation of present Math or Accounting teacher

This one semester course is a continuation of Accounting 1 Adv. Students learn to keep the accounting records of a merchandising business. They learn how to maintain the accounts receivable, accounts payable, and payroll tax records as well as prepare the necessary adjustments and financial statements for a corporation. Students complete some problems using Accounting software and Excel. The students also participate in the Stock Market Game.

*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.*

TECHNOLOGY

At least 0.5 credits in computer/technology course(s) are required for graduation.

#607 MICROSOFT WORD

Level: Advanced College Prep Credit: 0.5
Open to: All Students (*One Semester*)
Course fee: \$30 - for class supplies including textbook

In this **semester course**, students learn the keyboard, Microsoft Word and PowerPoint. They use Microsoft Office 2007 and they develop essential skills for college and the workplace.

#617 COMPUTER APPLICATIONS

Level: Advanced College Prep Credit: 0.5
Open to: All Students (*One Semester*)
Prerequisite: Microsoft Word
 or Touch Typing 35 words per minute *
Course fee: \$30 - for class supplies.
 Fee does not include textbook

In this **semester course**, students learn Excel, Access, PowerPoint, Adobe Photoshop and the advanced features of Microsoft Word. They use Microsoft Office 2007 and they learn to integrate the Microsoft applications.

* *Touch Typing (proper keyboarding technique)*

Students who can touch type 35 words per minute should take Computer Applications instead of Microsoft Word. Students may sign up for both Microsoft Word and Computer Applications if they would like to take a full year of computers.

#627 PUBLISHER/WEB PAGE

Level: Advanced College Prep Credit: 0.5
Open to: Sophomores, Juniors and Seniors (*One Semester*)
Prerequisite: Microsoft Word and/or Computer Applications
 Recommendation of Microsoft teacher

Course fee: \$30 - for class supplies.
 Fee does not include textbook

In this semester course, students learn to create a variety of personal and business publications using Microsoft Publisher 2007 and to prepare Web sites using Publisher and Microsoft FrontPage. The basics of Adobe Photoshop are covered.

#647 WEB DESIGN

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

Course fee: \$30 - for class supplies.
 Fee does not include textbook

In this semester course, students learn the fundamentals and principles of designing websites and the layout of pages that make up a website. Website designs and page layouts are illustrated by students to exercise their understanding of web design concepts. Students learn to develop web pages and sites utilizing HTML programming and web page development software. Several development projects are required throughout the course to assess the students' understanding of web development languages and software.

At least 0.5 credits in computer/technology course(s) are required for graduation.

HEALTH

#962 HEALTH

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.

Health

A one semester course in Health is required of all students for graduation.

ACADEMIC SUPPORT

#190 ACADEMIC SUPPORT

Credit: 1

This class is open to students who are entitled to special accommodations based on testing or who are recommended by the Guidance Department. Focus is placed on students' individual needs.

PHYSICAL EDUCATION

#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, Taebo, 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.

#980 PHYSICAL EDUCATION 3

Credit: 0.25

Required of: Juniors

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

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.

Mercy Learning Online Summer 2011

Mercy Learning Online summer courses begin June 20 and conclude July 22, 2011. Mercy Learning Online is an initiative of the Network for Mercy Education. The online summer program is designed to provide each teacher and student with a rewarding experience – learning in an online environment. Information about Mercy Learning is available at www.emerced.org

Tuition ~ Registration 1/2 Credit Courses - \$275.00

The registration form for the online summer school is on the last page of this book. Registration opens April 11 and concludes May 25, 2011. The tuition payment of \$275.00 per course must accompany the registration. Make checks payable to Mercy High School. The completed registration form and tuition payment should be given to Mr. Brickey. The deadline for registration is May 25, 2011

Tuition is paid directly to Mercy High School and Mercy High reimburses the Network for Mercy Education. *Students do not register directly with Mercy Learning Online. No tuition is sent directly to the Network for Mercy Education by the student.*

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 address given in the registration information. Students should not share this information with anyone other than a parent/guardian.

Orientation

An online orientation can be accessed by students prior to the opening of summer courses. The orientation opens June 13, 2011. Accessing the orientation is not a requirement, but provides students with sample lessons and explains how the different components of the program work. The orientation takes about 1-2 hours to complete and is a good preparation for the program. It also allows a student to test her user name and password to make sure they are functional.

Students use the same user name and password as that for their courses and access the orientation through ***Student Login***.

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

- ***My Grades*** – this link in each course is to a class tool which allows a student to see a listing of all assignments and due dates. This allows for both short term and long term planning. Points earned for each assignment or discussion are posted and students can view at ***My Grades***.
- Grading is on a numerical scale. At the end of the course, reports are sent to Mercy High for mailing to parents with a percentage score for completion of work.
- Credit is granted by 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 by clicking on ***My Grades*** can see a record of all assignments.

Books

Mercy Learning Online courses are web-based and do not require textbooks.

One course includes a book required for reading in one unit of study. Health – No textbook required, but a novel is required for use in one unit of study.

Tuesdays with Morrie, by Mitch Albom.

ISBN 10: 076790592X, ISBN-13: 978-0767905923

Computer Skills

If a student needs help with a particular skill, the student is asked to share that need immediately with the teacher so help may be provided.

In order to progress successfully in an online course, students must have or develop these skills:

- Sending and receiving messages by e-mail, including attachments
- Bookmarking websites on the Internet
- Participating in course online discussions on the platform discussion board
- Saving attachments to one's computer
- Software – Students are asked to have Adobe Reader, use Microsoft Word for documents and have access to PowerPoint. If a student does not personally have PowerPoint, please arrange with a friend, library, etc. to gain access for viewing material and completing various assignments.

To avoid loss of work, students are asked to print out and save a copy of all assignments submitted. This work should be saved until final grades are received. Students should also print out and save e-mails received from their teachers.

Parent/Guardian Access

Email — One parent/guardian is asked to provide a unique e-mail account to allow communication directly with a parent/guardian, if there is a need.

Phone — The coordinator of Mercy Learning Online or school contact persons may need to contact a parent/guardian during the course of the program. A phone number is required with registration. A student cell phone number should not be given as the parent/guardian contact phone number.

Access to Assignments and Grades — A parent/ guardian may log on to a student's course using the student user name and password and by clicking on *My Grades* can see a record of all assignments submitted and graded.

Code of Conduct

All enrolled In Mercy Learning Online programs and courses and/or accessing the platform are required to follow the Code of Conduct. Students are also responsible for all expectations of Mercy High School as stated in the school technology policies in the Student-Parent Handbook.

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 own work and work submitted, exams or quizzes taken and communication via the discussion board, Chat, or e-mail 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, including discussion, email, chat, team work, etc. It is each student's responsibility to use these and all resources respectfully and in accordance with ethical and moral conduct. All email addresses accessed through communication are confidential to those properly employing them for course work and may not be shared with persons outside the course. Email messages 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. 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 will result. No fees paid for Mercy Learning Online will be refunded if a student is removed from enrollment.

Mercy Learning Online Summer 2011

COURSE OFFERINGS

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.)

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-E01

In this 1/2 credit course, the primary focus will be to learn and develop forms and techniques for creative writing. The course will focus on fiction and verse. Study will include analysis and critical thinking of works and original writing. Journal writing, poetry, fiction, one-act plays and short story are among the lessons included.

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.

**Mercy Learning Online Summer Program
June 20 - July 22, 2011**

Tuition for 1/2 Credit Course - \$275.00

MERCY LEARNING ONLINE
Coordinated by the Network for Mercy Education
www.emercyed.org

FITNESS N-P01

In this 1/2 credit course, topics covered are: the components of fitness, the F.I.T.T. principle and developing a personal fitness plan, information on team sports and their relationship to fitness, fitness and safety, and health eating. Students will further develop their skills of critical analysis and will be encouraged to strengthen and deepen appreciation for the need for fitness.

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.

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 and can become the work of one's life. This course shall consider the areas of: Developmental Psychology, Cognition/Motivation and Emotions, Personality 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.

SOCIOLOGY N-SS05

In this 1/2 credit course, students will study sociology, the study of 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.

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. An exploration of emerging social media and its uses and critical analysis of the forms of social media will be included. Students will not be asked to use media such as Facebook and Twitter, but to engage in study of such forms of communication. In an online platform, students will make use of electronic forms of delivery and listening. Students will need access to Skype and a webcam for participation in the course.

**Registration Form ~ Mercy Learning Online Summer School
June 20 – July 22, 2011**

Student Name _____ YOG _____

Address _____

City/State/Zip _____

Parent/Guardian _____

Day Phone (_____) _____ Evening Phone (_____) _____

Student e-mail address _____

Parent e-mail address _____

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

_____ American Government (N-SS01)

_____ Health (N-SP01)

_____ Art History (N-A01))

_____ Intro. to Psychology (N-SS03)

_____ Creative Writing (N-E01)

_____ Sociology (N-SS05)

_____ Economics (N-SS02)

_____ Speech (N-A03)

_____ Fitness (N-P01)

Mercy Online Summer Courses begin June 20 and conclude July 22, 2010.

Tuition: \$275.00 ~ One course

\$550.00 ~ Two courses

Registration opens April 11 and concludes May 25, 2011.

Full payment must accompany this registration form.

Make checks payable to Mercy High School.

The deadline for registration is May 25, 2011.

Give this completed registration form and tuition payment to Mr. Brickey.

RELIGION		Page
012	Religion 1 Adv	6
022	Religion 2 Adv	6
032	Religion 3 Adv	6
042	Religion 4 Adv	6

ENGLISH

111	English 1 H	7
112	English 1 Adv	7
113	English 1 Col	7
121	English 2 H	7
122	English 2 Adv	7
123	English 2 Col	7
131	English 3 H	7
132	English 3 Adv	7
133	English 3 Col	7
139	English Language AP	8
141	English 4 H	8
142	English 4 Adv	8
149	English Literature AP	8
160	Journalism	8
170	Public Speaking	8
175	Creative Writing	9
186	Humanities H	9

SOCIAL STUDIES

211	World History H	9
212	World History Adv	9
213	World History Col	9
272	Geography Adv	9
236	Civics H	10
237	Civics Adv	10
238	Civics Col	10
221	Modern History H	10
216	Mod. History S1 H	10
226	Mod. History S2 H	10
222	Modern History Adv	10
217	Mod. History S1 Adv	10
227	Mod. History S2 Adv	10
229	European History AP	10
231	U.S. History H	11
232	U.S. History Adv	11
233	U.S. History Col	11
239	U.S. History AP	11
241	Comp Government H	11
246	Comp. Gov. S1 H	11
266	Comp. Gov. S2 H	11
281	Introduction to Law H	11
286	Constitutional Law H	12
251	Psychology H	12

SOCIAL STUDIES		Page
256	Psychology S1 H	12
252	Psychology Adv	12
257	Psychology S1 Adv	12
259	Psychology AP	12

LATIN

311	Latin 1 H	13
312	Latin 1 Adv	13
321	Latin 2 H	13
322	Latin 2 Adv	13
331	Latin Literature H	13
341	Latin Vergil H	13
349	Latin Vergil AP	13

FRENCH

361	French 2 H	14
362	French 2 Adv	14
371	French 3 H	14
372	French 3 Adv	14
381	French 4 H	14
382	French 4 Adv	14
399	French 5 AP	14

SPANISH

711	Spanish 1 H	15
712	Spanish 1 Adv	15
713	Spanish 1 Col	15
721	Spanish 2 H	15
722	Spanish 2 Adv	15
723	Spanish 2 Col	15
731	Spanish 3 H	15
732	Spanish 3 Adv	16
733	Spanish 3 Col	16
741	Spanish 4 H	16
742	Spanish 4 Adv	16
752	Spanish 5 Adv	16
759	Spanish 5 AP	16

ITALIAN

762	Italian 1 Adv	17
771	Italian 2 H	17
772	Italian 2 Adv	17
781	Italian 3 H	17
782	Italian 3 Adv	17
791	Italian 4 H	17
792	Italian 4 Adv	17

ACADEMIC SUPPORT

190	Academic Support	29
-----	------------------	----

MATHEMATICS	Page
411 Algebra 1 H	18
412 Algebra 1 Adv	18
413 Algebra 1 Col	18
421 Geometry H	18
422 Geometry Adv	18
423 Geometry Col	18
431 Algebra 2 H	18
432 Algebra 2 Adv	18
433 Algebra 2 Col	19
443 Adv. Algebra Col	19
441 Pre-Calculus H	19
442 Pre-Calculus Adv	19
449 Calculus AP	19
452 Statistics Adv	19
457 Statistics S1 Adv	19
459 Statistics AP	19

SCIENCE

511 Biology H	20
512 Biology Adv	20
513 Biology Col	20
529 Biology AP	20
531 Chemistry H	20
532 Chemistry Adv	20
533 Chemistry Col	21
539 Chemistry AP	21
541 Physics H	21
542 Physics Adv	21
543 Applied Physics Col	21
549 Physics AP	21
551 Physiology H	22
552 Physiology Adv	22
553 Physiology Col	22
571 Neuroscience H	22
576 Neuroscience S1 H	22
586 Neuroscience S2 H	22
572 Neuroscience Adv	23
577 Neuroscience S1 Adv	23
587 Neuroscience S2 Adv	23
527 Biogeography Adv	23
562 Environmental Science Adv	23
567 Environ. Science S1 Adv	23
597 Environ. Science S2 Adv	23

HEALTH ~ PHYSICAL EDUCATION

962 Health Adv	29
970 Phys. Ed 1	29
975 Phys. Ed 2	29
980 Phys. Ed 3	29

FINE ARTS	Page
800 Music Appreciation	24
810 History of Dance	24
812 Music Theory Adv	24
820 Concert Choir	24
825 Concert Choir – Sem	24
840 Chamber Choir	24
850 Wind Ensemble	24
855 Wind Ensemble – Sem	24
860 Musical Theatre	24
870 Theatre Arts	25
865 Theatre Arts – S1	25
875 Theatre Arts – S2	25
880 Digital Photography	25
890 Film Making	25
910 Basic Art	26
915 Basic Art – Sem	26
920 Ceramics	26
930 Art History	26
935 Art History – Sem	26
940 Contemporary Crafts	26
945 Contemp. Crafts – Sem	26
950 Drawing & Design	26
955 Drawing & Design – Sem	26

BUSINESS

637 Bus./Pers. Finance Adv	27
671 Accounting 1 H	27
681 Accounting 2 H	27
672 Accounting 1 Adv	27
682 Accounting 2 Adv	27

TECHNOLOGY

607 Microsoft Word Adv	28
617 Computer Applications Adv	28
627 Publisher/Web Page Adv	28
647 Web Design Adv	28

MERCY LEARNING ONLINE 30

SUMMER COURSES

N-SS01 American Government	32
N-A01 Art History	32
N-E01 Creative Writing	32
N-SS02 Economics	32
N-P01 Fitness	32
N-SP01 Health	32
N-SS03 Intro to Psychology	32
N-SS05 Sociology	32
N-A03 Speech	32

Registration Form	33
--------------------------	-----------

