
Student's Name

Homerroom

INTRODUCTION

This booklet has been prepared to assist both students and parents in course selections for the 2012-2013 school year. Recognizing that the time of course selection is extremely important, we encourage each student and his/her parents to carefully review the information presented here so that proper course selections can be made. The program of studies chosen should be one which challenges the student to develop his/her total person, one which is based on the student's interests, abilities and future goals.

In planning, the pages which present general guidelines should be studied carefully. Each student should then list the courses already completed and the credit earned, and project the courses he/she hopes to take during the remaining years at Cardinal Mooney. This overview should help insure that graduation requirements are met and that the student's program has purpose and proper sequence. The guidance counselors are available to assist in this planning in any way they are able, and will meet with each student to go over his/her final course selections.

CARDINAL MOONEY HIGH SCHOOL

PHILOSOPHY OF EDUCATION

Cardinal Mooney is a Catholic high school whose community of students and their families, teachers, administrators, support staff, and alumni take pride in the school's "family atmosphere" and its purpose to live and proclaim the Gospel of Jesus Christ. The high school responds to the needs of its members by providing an enriching environment to help students grow intellectually, spiritually, and personally.

Cardinal Mooney educates students through steadfast traditions of scholarship, sanctity, and discipline -- traditions that have been highly valued since the school's inception. Through worship, learning, athletic, and extracurricular activities the goal is personal excellence and integrity.

Students come to Cardinal Mooney from Mahoning and Columbiana Counties. Because they represent diverse ethnic, racial, and economic backgrounds, students are encouraged to foster and promote greater understanding of others. Ultimately, the high school helps serve the needs of the community by empowering students to develop into productive, responsible adult citizens who are committed to service in the name of Jesus Christ.

MISSION STATEMENT OF CARDINAL MOONEY HIGH SCHOOL

Cardinal Mooney High School, a Roman Catholic school of the Diocese of Youngstown, Ohio, is committed to providing a quality education in the supportive atmosphere of the Mooney Family. Our embrace of Gospel values and our tradition of sanctity, scholarship, and discipline, enable our students to achieve personal excellence. We strive to develop leaders dedicated to social justice and service in the world community.

GENERAL GUIDELINES

GRADUATION REQUIREMENTS

Cardinal Mooney is a Diocesan high school chartered by the State of Ohio. The following are the requirements for graduation as prescribed by the Ohio State Board of Education and Cardinal Mooney High School.

1. Each student must successfully complete a program of 25 total units of credit. The minimum program for graduation requires:

Theology	4 units	(1.)
English	4 units	
Social Studies	3 units	(including U.S. History and Government)
Mathematics	3 units	(2.)
Fine Arts	1 unit	
Science	3 units	(including Biological Science and Physical Science) (3.)
Health	1/2 unit	
Physical Education	1/2 unit	
Electives	6 units	(4.)

1. This requirement will be adjusted for students who enter Cardinal Mooney after the ninth grade.
2. Beginning with the Class of 2014, four credits in Mathematics (including one unit in Algebra II or the equivalent of Algebra II) are required.
3. Science courses that qualify as a Physical Science course are any Chemistry or Physics course as well as Physical Science I and II.
4. Only one credit each in Band or Chorus can count towards these units, although students interested in Band and Chorus are encouraged to take as many units as possible.
Beginning with the Class of 2014, five units of elective credit are required.
5. All students must pass the Ohio Graduation Test (O.G.T.) which will be given beginning in grade 10.
6. Students who fail to meet the academic requirements for graduation will not be permitted to participate in graduation activities.

ACADEMIC PROGRAM

Cardinal Mooney is committed to offering a strong academic program for all students that provides a sound preparation for college as well as the foundation necessary for success in any career. The required courses are intended to help the student develop the knowledge, skills, and values needed by all to face the challenges of the future. Students are required to meet the prerequisites for each course selected. Therefore, no parent overrides will be permitted. Each student should complete his/her course selections by choosing electives that will best develop his/her talents and abilities and that best meet the prerequisites of his/her future plans. In planning his/her specific program of studies, each student should also consider the following information.

SUBJECT LOAD

All students are required to take 8 classes per year, 4 each semester. No student will be scheduled for study hall.

FINE ARTS REQUIREMENT

The minimum program for graduation includes successful completion of one unit in fine arts. Courses that fulfill this requirement include all Art classes, all Music courses, Drama, and Creative Communications.

CHOFFIN CAREER CENTER/MAHONING COUNTY JOINT VOCATIONAL SCHOOL PROGRAMS

Students who reside in the Youngstown City School District are eligible to participate in the Choffin Career Center program during both their junior and senior years. In addition, juniors and seniors are eligible to pursue programs at the Mahoning County Joint Vocational School. Students enrolled in the program pursue course work for one-half day each at Cardinal Mooney and the Choffin Career Center or Mahoning County Joint Vocational School. Successful completion of courses at either of these schools fulfills the fine arts requirement for graduation. Further information about these programs is available from the Guidance Department.

COLLEGE PREPARATORY PROGRAM

The areas of study that should be included in a college preparatory program are outlined below. Taking the minimum number of credits in each area will prepare a student for admission to many but not all colleges or university programs. Carrying the optimum units of credit in each area will better prepare a student to take college entrance examinations and meet the requirements of the more selective college. A modified college preparatory program that meets the requirements of a specific college or university can be arranged with a Guidance Counselor.

Recommended College Preparatory Program

- 4 units of English
- 4 units of Theology
- 3 units of Social Studies
- 1 unit of Health and Physical Education
- 1 unit of Fine Arts *
- 4 units of Mathematics (including Algebra II)
- 3-4 units of Science (including Biology, Chemistry, and Physics)
- 2-4 units of Foreign Language

* The type of course accepted varies with each college/university. Students should check the specific requirements of the school of their choice before completing high school registration.

Recommended College Admissions Standards

The Ohio Board of Regents and the State Board of Education jointly appointed a 15-member Advisory Commission on Articulation between Secondary Education and Ohio Colleges. As a result of their efforts, one of their recommendations is as follows:

Recommendation 1 - The college preparatory curriculum should include 4 units of English and a minimum of 3 units of mathematics, one of which should be taken in the senior year. It is also suggested that 3 units of social studies, 3 units of science, and 3 units of the same foreign language complete the college preparatory curriculum.

Many state universities have accepted this recommendation. In schools which have adopted this policy, a student must have the recommended units of credit in order to be admitted unconditionally.

HONORS COURSES

Honors courses offered within the English, Mathematics, Science, Social Studies, and Theology Departments are intended to challenge the academically talented and dedicated student. These courses involve an accelerated, in-depth approach to the subject matter and students are required to complete additional and/or more comprehensive assignments than those in the regular programs. To enroll in an honors course, students must meet the stated criteria and fulfill the prerequisites. Because of the additional course requirements, grades from honors courses are weighted in computing a student's grade point average and rank in class. (Refer to Student Handbook for further information on weighted grades.)

ADVANCED PLACEMENT COURSES

An Advanced Placement course is a college level course offered to high school students. The content of the course and the rigor with which it is approached is the same as experienced on the college campus. A college text is used. Students enrolled in an AP course take the Advanced Placement examination conducted by the College Board in May. AP courses are offered within the English, Mathematics, Science, and Social Studies Departments.

If the college of the student's choice accepts Advanced Placement and if the student achieves an acceptable score on the AP exam, the college will grant credit for the course at no additional expense beyond the examination fee. Grades from Advanced Placement courses are weighted in computing a student's grade point average and rank in class.

GRADING

The following grading system is used to indicate academic progress in all courses except those that are classified "honors" or advanced placement.

<u>GRADE</u>	<u>GRADING SCALE</u>	<u>POINT VALUE</u>
A	93-100	4.0
B	85- 92	3.0
C	77- 84	2.0
D	70- 76	1.0
F	69 and below	0.0
Inc.	(Incomplete)	0.0
P	(Passing)	0.0
S	(Satisfactory)	0.0
U	(Unsatisfactory)	0.0
W	(Withdrawn)	0.0
Aud.	(Audit)	0.0

In those courses classified as "honors" or "advanced placement" the following point values will be assigned:

<u>GRADE</u>	<u>GRADING SCALE</u>	<u>POINT VALUE</u>
A	93-100	5.0
B	85- 92	3.75
C	77- 84	2.5
D	70- 76	1.25
F	69 and below	0.0
Inc.	(Incomplete)	0.0
P	(Passing)	0.0
S	(Satisfactory)	0.0
U	(Unsatisfactory)	0.0
W	(Withdrawn)	0.0
Aud.	(Audit)	0.0

RANK IN CLASS

A student's class ranking is first published in June of the junior year and is computed based on half-term grades. Class rank is determined by using total quality points. This ranking factor is computed by taking the sum of all course credits multiplied by their respective grade point values. (Example: Honors English 9, 1 credit, grade A = 5 quality points.)

The following also apply:

1. The grade earned in any Physical Education course will be Pass/Fail and will not be included in computing rank in class or G.P.A. These credits will, however, be counted toward credits needed for graduation.
2. Students who take an Algebra 1 and/or Geometry course (or other approved high school course) in eighth grade will receive credit for the course(s) and the grade(s) will be included with their ninth grade courses in computing rank in class and grade point average. Receiving credit is dependent on the following:
 - a. An approved course of studies was followed for the class, an appropriate high school textbook was used, and the teacher was properly certified by the State of Ohio.
 - b. The student satisfactorily passes a test over the course material administered at the high school.

The grade earned in the eighth grade will be placed on the student's record; it will be counted as a weighted grade if it is a weighted class at Cardinal Mooney.
3. Grades obtained by attending college/university classes during the school year will be included in computing rank in class and G.P.A. The grades earned in such courses will not be weighted.
4. The grade obtained in a course taken in summer school will be included in the student's rank in class and grade point average.
5. The grade obtained in a course taken in night school or through correspondence will not be included in a student's rank in class and grade point average. However, these credits will be counted toward credits needed for graduation.
6. The maximum number of credits that will be included in computing rank in class and G.P.A. will be 31. If a student earns more than the maximum, the courses with the highest point values will be counted.
7. Students should be aware that the number of classes taken as well as the grade earned affect the quality point total.

GRADUATION HONORS

The graduating senior with the highest number of quality point total for four full years will earn the class valedictorian award. The class salutatorian award will be given to the senior with the second highest quality point total for four full years. Honor cords will be awarded to those students who rank, based on total quality points, in the top fifteen percent (15%) of the class academically.

In order to qualify for these graduation honors, a student must be enrolled for a minimum of three (3) continuous 18-week terms prior to graduation.

POLICIES REGARDING SCHEDULE CHANGES

The staff and administration of Cardinal Mooney High School are committed to scheduling students for the classes they request in the spring. Consultation with the Guidance Department and parental approval are required before course selections can be finalized. Following spring course registration, the school is staffed and supplies are purchased based on student requests. Therefore schedule changes will not be permitted except for:

1. Computer/Guidance Department errors. This does not include alternates which are approved during spring course registration.
2. Teacher recommended schedule changes based on academic abilities. Whenever possible, according to our schedule, these will be made on an individual basis and must have administrative approval.
3. Any request for adding or dropping a course must be made in writing on the official form and be signed by the student's parent or guardian.
4. Any exceptions to these policies must be authorized by an administrator.

COURSE OFFERINGS BY CLASS LEVEL

NINTH GRADE:

All freshmen must register for 4 classes each semester.

Required Subjects

Theology 9
English (Language Arts 9, English 9, Honors English 9)
Mathematics (Basic, Intro to Algebra, Algebra I, Honors Algebra I,
Geometry, Honors Geometry)
Physical Education I (1/2 credit for 18-week class)
Modern World History

Electives

18 Weeks = 1 Credit

Art I
Reading I, II
Marching/Concert Band
Beginning Band
Chorus
Show Choir
Biology 101
Biology 100
Honors Biology
Chemistry 201
Chemistry 200
Honors Chemistry
French I
German I
Spanish I

9 Weeks = ½ Credit

Business Etiquette
Introduction to Computer Applications
Creative Communications
Drama I
Search Strategies
Study Skills
Health
Woodwind Ensemble I, II
Brass Ensemble I, II
Percussion Ensemble I, II
Music Theory I
Music History
Music in Movies
History of American Music
Physical Science I
Earth Science
Astronomy
Weather
Creating Peace and Building Community
Physical Geography
Eastern Hemisphere Geography

TENTH GRADE:

All sophomores must register for 4 classes each semester.

Required Subjects

Theology 10
English (World Literature 10, English 10, Honors English 10)
Health (1/2 credit)

Electives

18 Weeks = 1 Credit

Art I, II	Beginning Band
Drawing	Chorus
Accounting I	Show Choir
Journalism I	Biology 101
Reading I, II	Biology 100
Introduction to Algebra	Honors Biology
Basic Algebra I	Environmental Science
Algebra I	Chemistry 201
Basic Geometry	Chemistry 200
Geometry	Honors Chemistry
Honors Geometry	Anatomy and Physiology I
Algebra II & Trigonometry	French I, II, III
Honors Algebra II & Trigonometry	German I, II, III
Marching Band/Concert Band	Spanish I, II, III

9 Weeks = ½ Credit

Photography I, II	Brass Ensemble I, II
Personal Finance & Career Exploration	Percussion Ensemble I, II
Marketing and Business Management	Music Theory I
Business Etiquette	Music History
Introduction to Computer Applications	Music in Movies
Computer Applications	History of American Music
Creative Communications	Physical Science I, II
Creative Writing	Earth Science
Drama I, II	Astronomy
Search Strategies	Oceanography
Study Skills	Weather
Verbal Test Preparation	Ancient World History
Imagination Factory IA, IB	Creating Peace and Building
Community	
Mechanical Drawing IA, IB	Law in Action
Introduction to Electrical/ Electronic Principles	Physical Geography
Woodwind Ensemble I, II	Eastern Hemisphere Geography

ELEVENTH GRADE:

All juniors must register for 4 classes each semester.

Required Subjects

Theology 11 (Church History/Justice and Peace/Morality
or Honors Theology 11)
English (English 10, Honors English 10, Advanced Placement
Literature and Composition I)
U.S. History or Advanced Placement U.S. History I, II

Electives

18 Weeks = 1 Credit

Art I, II, III
Drawing
Graphic Design/Publication
Individualized Art Studies
Independent Honors Art Studies
Accounting I
Journalism I, II
Reading I, II, III
Introduction to Algebra
Basic Algebra
Algebra I
Basic Geometry
Geometry

Algebra II
Algebra II & Trigonometry
Honors Algebra II & Trig.
Advanced Math
Honors Advanced Math
Marching Band/Concert Band
Beginning Band
Chorus
Show Choir
Biology 101
Biology 100
Adv. Placement Biology I, II
Environmental Science

Chemistry 201
Chemistry 200
Honors Chemistry
Advanced Placement
Chemistry I, II
Anatomy and Physiology I
Physics
Advanced Placement Physics
Economics
Adv. Placement Psychology
French I, II, III, IV
German II, III, IV
Spanish I, II, III, IV

9 Weeks = ½ Credit

Ceramics I, II
Photography I, II, III
Personal Finance &
Career Exploration
Marketing & Business
Management
Accounting II
Business Etiquette
Introduction to Computer
Applications
Computer Applications
Adv. Computer Applications
Creative Communications
Creative Writing
Drama I, II
Search Strategies
Verbal Test Preparation

Reading Skills
Writing Skills
Physical Education for Fitness *
Imagination Factory IA, IB
Mechanical Drawing IA, IB
Introduction to Electrical/
Electronic Principles
Math Skills
Math Test Preparation
Statistics and Probability
Woodwind Ensemble I, II
Brass Ensemble I, II
Percussion Ensemble I, II
Music Theory I
Music History
Music in Movies
History of American Music

Physical Science II
Anatomy & Physiology II
Astronomy
Oceanography
Weather
Science Skills
Ancient World History
African-American History
World Governments
Creating Peace and
Building Community
Law in Action
Physical Geography
Eastern Hemisphere Geography
Human Geography
Principles of Psychology
Sociology

TWELFTH GRADE:

All seniors must register for 4 classes each semester.

Required Subjects

Theology 12
 English (English 12, Honors English 12, Advanced Placement
 Literature & Composition II)
 American Government

Electives**18 Weeks = 1 Credit**

Art I, II, III, IV
 Drawing
 Graphic Design/Publication
 Individualized Art Studies
 Independent Honors Art Studies
 Accounting I
 Journalism I, II
 Reading I, II, III
 Basic Algebra
 Algebra I
 Basic Geometry
 Geometry
 Algebra II

Algebra II & Trigonometry
 Advanced Math
 Honors Advanced Math
 Transition to College Math
 Calculus
 Adv. Placement Calculus I, II
 Marching Band/Concert Band
 Beginning Band
 Chorus
 Show Choir
 Adv. Placement Biology I, II
 Environmental Science
 Chemistry 201

Chemistry 200
 Honors Chemistry
 Physics
 Advanced Placement Physics
 Adv. Placement Chemistry I, II
 Anatomy and Physiology I
 Economics
 Adv. Placement Psychology
 Christian Service
 French I, II, III, IV
 German II, III, IV
 Spanish I, II, III, IV

9 Weeks = ½ Credit

Ceramics I, II
 Photography I, II, III
 Personal Finance and
 Career Exploration
 Marketing and Business
 Management
 Accounting II
 Business Etiquette
 Introduction to Computer
 Applications
 Computer Applications
 Adv. Computer Applications
 Multimedia Productions
 Creative Communications
 Creative Writing
 Drama I, II
 Verbal Test Preparation
 Reading Skills

Writing Skills
 Physical Education for Fitness *
 Imagination Factory IA, IB
 Mechanical Drawing IA, IB
 Introduction to Electrical/
 Electronic Principles
 Math Skills
 Math Test Preparation
 Statistics & Probability
 Woodwind Ensemble I, II
 Brass Ensemble I, II
 Percussion Ensemble I, II
 Music Theory I
 Music History
 Music in Movies
 History of American Music
 Physical Science II
 Biology II

Earth Science
 Anatomy & Physiology II
 Astronomy
 Oceanography
 Weather
 Science Skills
 Ancient World History
 African-American History
 World Governments
 Creating Peace and
 Building Community
 Law in Action
 Physical Geography
 Eastern Hemisphere Geography
 Human Geography
 Principles of Psychology
 Sociology
 Social Studies Skills

Seniors must take 2 of the following courses if not taking Christian Service

ART DEPARTMENT

ART I

1 Credit

18-Week Course

Art I is intended as a beginning level class that will introduce students to a variety of art experiences. Students will be given opportunities to creatively solve visual problems through a variety of 2 and 3 dimensional media and basic techniques. In addition to creating artwork, students will be involved with written and oral critiques, visits to local art museums, art reports, and tests. Students will need to purchase some art supplies for this class.

PREREQUISITE: None

GRADES 9, 10, 11, 12

ART II

1 Credit

18-Week Course

In Art II, students will explore further the potential of the media from the intro class and will have the chance to be introduced to a few new media as well. Students will continue to refine traditional and expressive techniques using 2 and 3 dimensional art forms while solving visual problems. They will also have the opportunity to create some graphic designs through projects that require using some popular art software. Students will continue to engage in discussions about aesthetics, criticism, and art history. Students will be required to visit local museums and reflect on their experiences through written art reviews as well as keep a visual and written journal of their ideas and progress. Students will need to buy some supplies for this class. There will be a final portfolio project for this class.

PREREQUISITE: B in Art I
12

GRADES 10, 11,

ART III

1 Credit

18-Week Course

Art III is a comprehensive course that requires creative solutions in both 2 and 3 dimensional art media. Students will be challenged to solve advanced visual and conceptual problems, explore media potentials, develop an understanding of art and culture and further the growth of personal creativity and artistic style. Participants will again have the chance to extend their experiences with technology and art. Students will also be required to visit local museums and reflect on that experience through written review or journal. Students will further their knowledge base in aesthetics,

criticism and art history. Students will need to purchase some supplies for this course. There will be a final portfolio project for this class.

PREREQUISITE: B in Art II
12

GRADES 11,

Art IV

1 Credit

18-Week Course

The Art IV class is the final phase of the core visual classes and offers the serious art students a chance to put finishing touches on their high school portfolios and look to the future. Students in this course will be offered opportunities to experiment with media familiar and unfamiliar to them; traditional and technology based. Students will be called upon to discuss, debate and write about contemporary issues in art. A visual and written journal will need to be kept for this class, as well as a summative portfolio. Students will need to visit local museums and galleries. Students will need to purchase supplies for this class. There will be a final portfolio project for this class.

PREREQUISITE: B in Art III
12

GRADE

DRAWING (offered in alternate years – will be offered in 2012-2013)
Credit

1

18-Week Course

The drawing class is an advanced beginning course in a variety of 2-dimensional drawing media. The class will guide students to solve visual and conceptual problems, explore media potential (pencil, pen and ink, pastel, charcoal, etc.), develop an understanding of art and culture and further the growth of personal creativity. Students will learn to objectively evaluate in both written and oral forms. Students will also be required to visit local museums and to reflect on that experience through written review or journal. Students learn production, history, aesthetics, and criticism. Students will need to purchase some supplies for this class.

PREREQUISITE: B in Art I

GRADES 10, 11, 12

PAINTING (offered in alternate years – will be offered in 2013-2014)

1 Credit

18-Week Course

The painting class is an advanced course in a variety of 2-dimensional painting media. The class will guide students to solve visual and conceptual problems, explore media potential (watercolor, acrylic, oil), develop an understanding of art and culture and further the growth of personal creativity. Students will learn to develop objective forms

of assessment. Students will also be required to visit local museums and to reflect on that experience through written review or journal. Students learn production, history, aesthetics, and criticism. Students will need to purchase some supplies for this class.

PREREQUISITE: B in Drawing or Art I

GRADES 10, 11, 12

GRAPHIC DESIGN/PUBLICATION

1 Credit

18-Week Course

This is an introductory course to Graphic Design, focusing on the relationship between image and type and the fundamental elements of page layout. There will be an emphasis made on developing students' conceptual and technical skills, artistic vocabulary, and professional skills along with a variety of media. Projects will range from designing logos to full-page ads, magazine spreads, booklets and pamphlets. Course will also emphasize professionalism in presentation of work and timely deadlines. Written, visual and research-based journal assignments are given regularly as independent work. Some supplies will be needed for this class.

PREREQUISITE: B in Art 2
12

GRADES 11,
12

CERAMICS I

½ Credit

9-Week Course

This is definitely a hands on course that gives the student an opportunity to explore, develop, and refine the basic techniques of pinch, coil, and slab to form practical and decorative pieces. Through selected projects (9-12 projects) the student will become familiar with the tools and materials. The student will be able to identify, discuss, and appreciate pottery from various time periods and cultures through various discussions and reports. A good work ethic is required. Some supplies are needed.

PREREQUISITE: B in Intro to Art, Art I or Photo I

GRADES 11, 12

CERAMICS II

½ Credit

9-Week Course

A more in-depth hands-on course that gives the student an opportunity to further explore, develop and refine the basic techniques of hand-building-pinch-coil-slab to form higher level practical and decorative pieces. Through selected projects (9-12) the student will be able to become more familiar with the tools and techniques. An excellent work ethic is required. Some supplies are needed.

PREREQUISITE: B in Art I and Ceramics I

GRADES 11, 12

INDIVIDUALIZED ART STUDIES I, II, III, IV

½ Credit

9-Week Course

Independent study classes are meant for more serious, self-motivated students that would like to pursue a personal, specific direction with their creative efforts. The specific requirements will be set up between the teacher and student. There will be research, museum trips, written and oral critiques, visual and written journals and summative portfolio review and grade. Students will need to purchase some art supplies for this class.

PREREQUISITE: B in Art II, III, or IV

GRADES 11, 12

INDEPENDENT HONORS ART STUDIES

1 Credit

18-Week Course

The Independent Honors art program covers 18 weeks of intensive and experimental work by students in the 11th and 12th grade. It is not purely practical, but involves research into art and artists, and students must be prepared to work on art projects both in and out of class, visiting museums and gaining information and inspiration at all times and from all sources. The practical work can take the form of paintings, prints, drawings, 3-d constructions, etc. and will become part of their summative portfolio. Another integral part of this course is the Research Workbook: this is a visual and written journal kept by the student and into which regular entries will be put regarding research, ideas, sketches, notes, etc. The honors students must be open-minded, hard working and interested in experimentations in art and creating work that has something to say.

Students will need to purchase some art supplies for this class.

PREREQUISITE: B in Art III or IV

GRADES 11, 12

PHOTOGRAPHY I

½ Credit

9-Week Course

This course explores darkroom and camera fundamentals, focusing on the technical and visual knowledge relating to the black and white photograph as an expressive art form. Selected technical and aesthetic photographic problems will be included to enrich the student's abilities and knowledge of photography. Students will be required to provide their own cameras and supplies (photographic paper, film, chemicals). Space is limited.

PREREQUISITE: 35mm. camera and own supplies

GRADES 10, 11, 12

PHOTOGRAPHY II

½ Credit

9-Week Course

Further explore darkroom fundamentals focusing on both practical and expressive forms of black and white photography. The student will draw upon previous technical and visual knowledge and be introduced to a variety of toning processes as well as alternative processes. Student will need a 35 mm. camera (adjustable type best) and own supplies. A great work ethic and the ability to multitask is essential.

PREREQUISITE: B in Photography I

GRADES 10, 11, 12

PHOTOGRAPHY III

½ Credit

9-Week Course

This course is a more in-depth study of the SLR camera (analog and digital) and lighting techniques. Through a variety of both technically and creatively challenging projects, the students will continue to refine the traditional process and explore the digital process with alternative processes, film speeds and papers. The student will be introduced to contemporary themes to further their appreciation for the art. Students will need a 35 mm. camera (adjustable type best) and own supplies. Class size is limited.

PREREQUISITE: B in Photography II

GRADES 11, 12

BUSINESS and TECHNOLOGY DEPARTMENT

PERSONAL FINANCE AND CAREER EXPLORATION

½ credit

9- Week Course

This course is designed for students to research earning potential for various career choices and will complete an interest inventory as they begin to compile a career profile. Students will be presented with strategies for managing personal resources which will include the budget preparation, checking accounts and other banking services, saving/investing for the future, responsibilities and cost of credit, renting vs. buying a home, buying a vehicle, simple income tax preparation, evaluating a pay stub and explanation of life, car and home insurances.

PREREQUISITE: None

GRADES 10, 11, 12

MARKETING AND BUSINESS MANAGEMENT

½ credit

9-Week Course

This course explores the areas of advertising and marketing as they relate to consumers in the marketplace. Students will explore the different types of advertising, the psychology of advertising and marketing, and be able to recognize a variety of advertising and marketing strategies. Areas of business management will be presented and students will have opportunities to participate in a variety of activities which will give them insight into these two important areas of business in today's corporate world.

PREREQUISITE: None

GRADES 10, 11, 12

ACCOUNTING I

1 credit

18-Week Course

This course is designed to teach the basic principles of double-entry accounting. It provides a study of the procedures involved in keeping accurate accounting records for various types of businesses. The students will learn the manual skills needed to understand the automated skills of advanced accounting.

Students will also experience real-life simulations that will give them a better understanding of the book and the principles presented in the book.

PREREQUISITE: None

GRADES 10, 11, 12

ACCOUNTING II

½ credit

9-Week Course

Accounting II expands on topics introduced in the Accounting I course. The expanded topics include management accounting, cost accounting, not-for-profit accounting, and financial analysis. Accounting concepts are introduced using modern businesses to which the students can relate. Integration of accounting practices and related computer skills prepare advanced students for future employment.

PREREQUISITE: B in Accounting I

GRADES 11, 12

BUSINESS ETIQUETTE

½ credit

9-Week Course

It's more than just eating with the right fork! This course introduces students to the do's and don'ts of business etiquette. Some of the etiquette topics to be explored include handshaking, proper telephone techniques, netiquette, international business attire, and business dining, gift-giving and receiving, invitations and thank you notes, and RSVP, as well as many other topics which will enhance the opportunities for students interested in presenting themselves in a polished, professional manner.

PREREQUISITE: None

GRADES 9, 10, 11, 12

INTRODUCTION TO COMPUTER APPLICATIONS

½ credit

9-Week Course

This course is designed to teach the touch system to develop effective key stroking skills appropriate to individual abilities. Students will: use a computer keyboard as a basic communication tool and format a variety of personal and professional papers, including correct formatting of reports, letters, interoffice memorandums, agendas, and outlines.

Students will learn the first application of the Microsoft Office suite, Word. Students will develop the basic skills to operate the Microsoft Word Application.

PREREQUISITE: None

GRADES 9, 10, 11, 12

COMPUTER APPLICATIONS

½ credit

9-Week Course

This course is designed to teach those who are interested in learning the Microsoft Office suite (Word, Excel, Access, and PowerPoint). Students will develop skills to operate the Microsoft Office Suite and enhance their knowledge of the Internet.

PREREQUISITE: Introduction to Computer Applications GRADES 10, 11, 12

ADVANCED COMPUTER APPLICATIONS

½ Credit

9-Week Course

This course is designed to enhance the strategies presented in Computer Applications. The students will review the concepts learned in Microsoft Office Suite and learn the Adobe CS4 Design Suite. The students will learn how to create and manipulate pictures and text with Adobe Photoshop. The students will learn animation and design through Adobe Flash. Finally, the students will use the concepts learned in the Adobe CS4 Design Suite to create professional web pages in Adobe Dreamweaver.

PREREQUISITE: B in Computer Applications GRADES 11, 12

MULTIMEDIA PRODUCTIONS

½ Credit

9-Week Course

This course will use Apple operating systems to create and produce various multimedia productions. Students will learn layout fundamentals, while analyzing various texts, colors, sound, graphics and animation schemes that are appropriate for professional productions. While learning layout and design, students will be required to direct and edit different video segments. Students will learn to transfer video files to their computers where they will use various software to design their own final video productions.

PREREQUISITE: A in Computer Applications or B in Journalism GRADE 12

ENGLISH DEPARTMENT

LANGUAGE ARTS 9

1 Credit

18-Week Course

Language Arts 9 is only for students who need substantial emphasis on fundamental Language Arts skills. The course focuses on improving organizational skills through time management and note taking while developing language, improving grammar usage, and refining mechanics. Students write journal entries, essay responses, speeches, and other compositions for their portfolios. The development of reading comprehension, oral interpretation, and analysis of literature is done through the genres of short story, drama, non-fiction, and poetry. Supplementary novels are covered. Summer reading is required.

PREREQUISITE: Below average in Reading and Language on placement test

GRADE 9

ENGLISH 9

1 Credit

18-Week Course

This class is intended for students with on-level language arts skills. The course reviews basic grammar, usage, and mechanics, develops vocabulary and critical thinking, and practices writing techniques for narration, description, and exposition. Students read and study short stories, essays, at least four novels, poetry, dramas, and the epic. Students will begin to develop a writing portfolio. Summer reading is required.

PREREQUISITE: On level placement test scores in Reading and Language

GRADE 9

HONORS ENGLISH 9

1 Credit

18-Week Course

Intended for students with advanced language arts skills, this course begins the honors program. Using a textbook that links grammar and writing skills, students read short stories, poetry, non-fiction and epic selections, three plays, and five novels. Literature is linked to activities in critical thinking, language skills, and vocabulary development. Students will develop a writing portfolio. Summer reading is required.

PREREQUISITE: Score at the 95th percentile or above in both Reading and Language on placement test

GRADE 9

WORLD LITERATURE 10

1 Credit

18-Week Course

This course is only for students who will benefit from the special emphasis placed on English skills. The composition sections include: vocabulary development, sentence improvement, and writing. In language skills and grammar, the focus is on parts of a sentence and their functions, capitalization, punctuation, and spelling. Students read and study various examples of world literature: short stories, poetry, drama, novels, and essays. Students will add samples to their writing portfolios. Summer reading is required.

PREREQUISITE: Reading and Language scores at least
two years below level

GRADE 10

ENGLISH 10

1 Credit

18-Week Course

Exploring the masterpieces of world literature, students are introduced to myths, legends, short stories, poetry, drama, non-fiction and supplementary novels representative of world cultures. English 10, in addition, continues the study of grammar and vocabulary applied to the writing process. Students will add samples to their writing portfolios. Summer reading is required.

PREREQUISITE: English 9

GRADE 10

HONORS ENGLISH 10

1 Credit

18-Week Course

Offering more advanced goals than the program for English 10-200, this class develops writing skills, including outlining and the preparation of documented expository papers. The course further extends vocabulary skills and briefly reviews grammar, mechanics, and usage to fix writing errors. With selections from early myths and folk tales through the twentieth century, students explore the literature of major world cultures. Students will add samples to their writing portfolios. Summer reading is required.

PREREQUISITE: B in Honors English 9 or A in English 9

GRADE 10

ENGLISH 11**1 Credit**

18-Week Course

English 11 historically studies American writings (essays, poetry, plays, histories, diaries, short stories, and four novels) from Colonial times to the present. The course allows students to improve their language skills by applying grammar lessons and pre-writing techniques to persuasive, expository, narrative, and descriptive writing and to an MLA research paper. Students use a separate text plus context vocabulary from American writings for vocabulary studies. Students will add samples to their writing portfolios. Summer reading is required.

PREREQUISITE: English 10 or World Literature 10

GRADE 11

HONORS ENGLISH 11**1 Credit**

18-Week Course

Honors English 11 blends a study of complex grammar forms and usage applications in writing with American literature from Colonial times to the present. Each era is studied for its historical significance as students enjoy essays, diaries, poetry, plays, short stories, and novels. Comprehensive library instruction precedes the practice of research skills in the form of exposition, analysis, and the MLA paper. Students will add samples to their writing portfolios. Summer reading is required.

PREREQUISITE: B in Honors English 10

GRADE 11

ADVANCED PLACEMENT LITERATURE AND COMPOSITION I**1 Credit**

18-Week Course

Students who have superior skills in reading, vocabulary, literary analysis, and writing are eligible for this class. The course will survey major authors and works of literature and will review literary terms and concepts through intensive reading and writing for the Advanced Placement Literature/Composition test. Students will not take this test until they have taken Advanced Placement Literature and Composition II. Extensive summer reading and preparation are mandatory.

PREREQUISITE: B in Honors English 9 and Honors 10

GRADE 11

ENGLISH 12**1 Credit**

18-Week Course

This course focuses on the masterpieces of British literature from the *Beowulf* poet to modern writers. Students write extended compositions and a formal MLA style research paper. Continued development of vocabulary and critical thinking skills, and the study of the ever-changing nature of the English language are also course objectives. Students will compile a final writing portfolio. Summer reading is required.

PREREQUISITE: English 11

GRADE 12

HONORS ENGLISH 12**1 Credit**

18-Week Course

Honors English 12 is an advanced course that explores all genres of British literature: poetry, drama, essay, diaries, letters, public address, literary criticism, short story, satire, and the novel. With a strong emphasis on critical thinking, creativity, literary analysis, and research-based assignments, students will refine various writing applications and personal styles. Grammar and punctuation are reviewed throughout the term in preparation for compositions and formal typed research papers (MLA, APA, CMS styles), contest writing, and portfolio development. The history and literature presented in this course, plus additional texts, will provide opportunities for advanced vocabulary development. Summer preparation is required.

PREREQUISITE: B in Honors English 10 and 11

GRADE 12

ADVANCED PLACEMENT LITERATURE AND COMPOSITION II**1 Credit**

18-Week Course

Students who have superior skills in reading, vocabulary, literary analysis, and writing are eligible. The course will survey major authors and works of literature with intensive reading and writing practice for the Advanced Placement English Literature/Composition test in May which students must take. Extensive summer reading and preparation are mandatory.

PREREQUISITE: Advanced Placement Literature and
Composition I

GRADE 12

CREATIVE COMMUNICATIONS

½ Credit

9-Week Course

"I can't do that!" How many times have you uttered those words when given an assignment to speak? This class will ease your fears, help you appreciate the communication process, build practical skills for analyzing, evaluating, and improving speaking and listening skills. Projects include informal and formal group discussions, public and competitive speaking, interpretation, debate, and the study and production of talk shows and documentaries. Discover what you "can do!" This course counts as a Fine Arts elective.

PREREQUISITE: None
12

GRADES 9, 10, 11,

CREATIVE WRITING

½ Credit

9-Week Course

"I hate to write!" If you've ever felt this way, our innovative writing course hopefully will alter your opinion. Creative writing consists of writing in all of its forms, such as short story and play writing, poetry, satiric and farcical writing, as well as journalistic/investigative writing, commercial and script writing, and various other projects. This class CANNOT be counted as a Fine Arts elective.

PREREQUISITE: None
12

GRADES 10, 11,

DRAMA I

½ Credit

9-Week Course

"Lights, Camera, Action!" Drama has great fun in store for you with instruction in vocalization, interpretation, acting, directing, and staging. And while building those creative skills, you will also study drama techniques and styles from the ancient Greeks to the modern playwrights. Why not join us? This course counts as a Fine Arts elective.

PREREQUISITE: None
12

GRADES 9, 10, 11,

DRAMA II

½ Credit

9-Week Course

If you thought Drama I was fun, then this is the class for you! In this course, you will add to your basic knowledge of drama by learning how to analyze a role and develop a character. You will explore the three major dramatic forms and the different types of comedy to create dramatic and/or comic characters. You will learn to analyze and interpret a dramatic work, understand the importance of casting, learn to block a scene, attend a production, and analyze the experience. Time permitting you will also learn about the importance of set design, the basics of stage lighting and costume design as well as the principles of effective stage makeup. ACTION!

PREREQUISITE: B in Drama I

GRADES 10, 11, 12

SEARCH STRATEGIES

½ Credit

9-Week Course

Today's technology explosion demands that students learn useful search strategies. This course introduces the media center and types of research tools from books and journals to the Internet. Students will be in the Media Center often for activities that apply what they are learning.

PREREQUISITE: None
11

GRADES 9, 10,

STUDY SKILLS

½ Credit

9-Week Course

Succeed in high school by knowing how! Learn to take effective notes to document information you hear and read. Learn to master the testing game, to use critical and creative thinking to become more self-directed, and to manage your time. This is a course for students who have not yet developed good study habits.

PREREQUISITE: None
10

GRADES 9,

VERBAL TEST PREPARATION

½ Credit

9-Week Course

Prepare for the verbal and writing segments of the PLAN, PSAT/NMSQT, SAT, and ACT tests. Learn strategies for solving sentence completion and reading comprehension questions, strengthen vocabulary and writing skills, and understand how to fix writing errors. Diagnostic and practice tests (text and computer-assisted) will help to develop a positive attitude toward college entrance test taking.

PREREQUISITE: None
12

GRADES 10, 11,

JOURNALISM I

1 Credit

18-Week Course

Five W's and an H are the basics of good journalism. If you (Who) are curious by nature (What) and attracted by journalistic jargon (Why), then this class is for you. Learn to write straight news, features, editorials, movie and book reviews, and more. You will also learn basic layout and design using software used for publications (How). Write for *The Beakon*, the CMHS (Where) paper. Sign up today (When).

PREREQUISITE: B in English

GRADES 10, 11, 12

JOURNALISM II: *The Beakon*

1 Credit

18-Week Course

Students are the editorial staff and reporters, responsible for the content, layout, design, and editing of the school newspaper. Learn AP (Associated Press) style and more advanced publication skills to produce a polished product. Refine your writing skills and explore even more journalistic forms such as feature writing, editorials, commentaries, reviews, sports writing, and in-depth reporting. Participate in Kent State's and YSU's Press Day competitions.

PREREQUISITE: B in Journalism I

GRADES 11, 12

READING I

1 Credit

18-Week Course

This course is designed for students who have shown a need or a desire to further develop their reading skills. Emphasis is placed on increasing reading comprehension, following written directions, developing thinking skills, and improving vocabulary development. A variety of materials are used to encourage interest and flexibility in reading.

PREREQUISITE: None
12

GRADES 9, 10, 11,

READING II

1 Credit

18-Week Course

Reading is the key to knowledge and learning. But many people do not know how to read effectively. Reading II will help by continuing the development of skills begun in Reading I. A variety of reading and thinking exercises provide the students with additional ways of increasing their reading and vocabulary skills.

PREREQUISITE: Reading I

GRADES 9, 10, 11, 12

READING III

1 Credit

18-Week Course

This is the final course of Reading for students who need additional development of their reading skills. Emphasis is placed on comprehension.

PREREQUISITE: Reading II

GRADES 11, 12

READING SKILLS

½ Credit

9-Week Course

This course is designed for students who have not yet passed the reading section of the Ohio Graduation Test. Each individual's weak areas will be identified and the appropriate instruction and practice provided. The materials that are used are designed for the Ohio Graduation Test (OGT).

PREREQUISITE: Guidance counselor recommendation
12

GRADES 11,

WRITING SKILLS

½ Credit

9-Week Course

This course is designed for students who have not yet passed the writing section of the Ohio Graduation Test. Each individual's weak areas will be identified and the appropriate instruction and practice provided. The materials for instruction are designed for the Ohio Graduation Test (OGT).

PREREQUISITE: Guidance counselor recommendation
12

GRADES 11,

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

PHYSICAL EDUCATION I

½ Credit

18-Week Course

The first nine weeks in physical education involves the development of basic motor skills in team and individual sports, and the development of overall strength and cardiovascular endurance, flexibility, coordination and poise. Emphasis is placed on the value of teamwork, sportsmanship, fair play and a common respect for fellow students.

The second nine weeks in physical education involves the refinement of the basic motor skills and the development of more advanced skills and knowledge in team and individual sports. Continued emphasis is placed on the development of overall strength and cardiovascular endurance coordination and a deeper appreciation for continued physical fitness. More emphasis is placed on the development and growth of individual achievements.

PREREQUISITE: None

GRADE 9

PHYSICAL EDUCATION FOR FITNESS

¼ Credit

9-Week Course

This 9-week elective course is intended for students who have completed their state/school physical education requirement but are still interested in maintaining the physical activity that contributes to a healthy lifestyle. Emphasis will be on physical activities and recreational sports that can become part of a life-long plan for healthy living.

PREREQUISITE: Physical Education I

GRADES 11, 12

HEALTH

½ Credit

9-Week Course

Health is a course designed to help students develop an awareness of health and social problems that they will be confronted with in today's society. Examples of subject matter are: physical fitness, behavior, emotions, personality, drugs and alcohol, tobacco, first aid, diet and nutrition, human sexuality, mental health, and environmental health.

PREREQUISITE: None

GRADES 9, 10

INDUSTRIAL ARTS DEPARTMENT

IMAGINATION FACTORY IA

½ Credit

9-Week Course

The students will build at least three (3) wood projects. In the building process students will also be exposed to building supplies, materials, processes and tools that are basic to area culture. This course is for both boys and girls! Space is limited. Students are required to purchase materials for this class.

PREREQUISITE: None
12

GRADES 10, 11,

IMAGINATION FACTORY IB

½ Credit

9-Week Course

Emphasis is placed on woodworking machinery processes, fundamental construction, and related materials. Other areas of instruction will include project design and development. Open to boys and girls. Space is limited. Students are required to purchase materials for this class.

PREREQUISITE: Imagination Factory IA
12

GRADES 10, 11,

MECHANICAL DRAWING IA

½ Credit

9-Week Course

The principles of sketching, printing, three view orthographic projection drawing, pictorial drawings, dimensioning, problem solving, and blue print reading are studied. Space is limited. Students are required to purchase materials for this class.

PREREQUISITE: None
12

GRADES 10, 11,

MECHANICAL DRAWING IB

½ Credit

9-Week Course

The principles of design and problem solving methods are applied to product design, simple architecture projects, and drawings. Space is limited. Students are required to purchase materials for this class.

PREREQUISITE: B in Mechanical Drawing IA
12

GRADES 10, 11,

INTRODUCTION TO ELECTRICAL/ELECTRONIC PRINCIPLES

½ Credit

9-Week Course

In this electronics course, students will learn career opportunities, basic electrical concepts, and electrical measurement and theories. Students will also complete various electronic soldering projects. This is a writing intensive course, with a solid foundation reinforcing mathematics and physics. Open to both boys and girls. Space is limited. Students are required to purchase materials for this class.

PREREQUISITE: None

GRADES 10, 11, 12

MATHEMATICS DEPARTMENT

BASIC MATH

1 Credit

18-Week Course

Basic Math is for the student lacking in arithmetic skills. The concepts dealing with whole numbers, fractions, and decimals are the main emphasis in this course. In addition, percent, measurement, statistics and probability, geometry, and algebraic operations on real numbers are introduced. Students will utilize scientific calculators in this course

PREREQUISITE: None

GRADE 9

INTRODUCTION TO ALGEBRA

1 Credit

18-Week Course

This course is an introduction to first-year algebra consisting of a review of basic skills, development of operations on real numbers, open sentences, ratio, percent, measurement and number properties.

PREREQUISITE: None

GRADES 9, 10, 11

BASIC ALGEBRA I

1 Credit

18-Week Course

This course builds upon skills and concepts learned in Introduction to Algebra, and develops skills and concepts in working with polynomials, factoring and solving equations and inequalities. Graphs of linear functions are studied, as well as linear systems, operations on powers and radical expressions. Scientific calculators will be used in this course.

PREREQUISITE: Introduction to Algebra

GRADES 10, 11, 12

ALGEBRA I

1 Credit

18-Week Course

Algebra I is a course for students who have mastered basic arithmetic skills. In this course emphasis is placed on algebraic properties, linear and polynomial equations, factoring, rational algebraic expressions, roots of algebraic expressions, radical expressions, quadratic equations and problem solving.

PREREQUISITE: Average score on placement test
or Intro to Algebra

GRADES 9, 10, 11, 12

HONORS ALGEBRA I**1 Credit**

18-Week Course

Honors Algebra I is a course designed for above average students. Topics include operations and properties of real numbers, solving equations and inequalities, polynomials and factoring, graphing and analysis, rational expressions, radical expressions, relations and functions, quadratic equations, and problem solving. The pace and level of difficulty will be increased over the Algebra I course.

PREREQUISITE: At least a 95 percentile score in the math section of the placement test

GRADE 9

BASIC GEOMETRY**1 Credit**

18-Week Course

This course is designed for the student who has completed Basic Algebra I or has completed Algebra I but is not adequately prepared for Geometry. It develops a competence in basic types of reasoning such as induction and deduction. It also offers an insight into the understanding of point, line, plane, congruent triangles, circles, constructions and areas and volumes of geometric figures.

PREREQUISITE: Basic Algebra I or Algebra 1

GRADES 10, 11, 12

GEOMETRY**1 Credit**

18-Week Course

This is a course to develop a better understanding of the nature of a math system, to develop power of spatial visualization, to appreciate the basic structure of geometry, and to perceive the role of inductive and deductive reasoning in both math and non-math situations. It also covers such topics as congruent and similar triangles, circles, constructions and areas and volumes of geometric figures.

PREREQUISITE: C in Algebra 1

GRADES 9, 10, 11, 12

HONORS GEOMETRY1 Credit

18-Week Course

This course is designed for those students with above average ability in mathematics. Its emphasis is on the understanding of proof and the ability to write proofs. The topics of this course will be treated in greater depth and students can complete more topics than in the Geometry course. The student will study parallel lines, congruent triangles, polygons, similarity, right triangles, area and volume, and coordinate geometry.

PREREQUISITE: A in Algebra I or B in Honors Algebra 1

GRADES 9, 10

ALGEBRA II1 Credit

18-Week Course

This course is designed especially for juniors and seniors not desiring a trigonometry course or not planning to take Advanced Math. It enlarges on skills and concepts learned in Algebra I and investigates such topics as real and complex number systems, relations and functions, quadratic functions, coordinate geometry, real number exponents, logarithmic functions, and probability and statistics.

PREREQUISITE: Basic Geometry or Geometry

GRADES 11, 12

ALGEBRA II and TRIGONOMETRY1 Credit

18-Week Course

This course builds on the Algebra I course, developing competence in basic skills and understandings for dealing with number and form and investigating in depth such topics as the real number system, the complex number system, first and second degree equations and inequalities, functions, logarithms, polynomials, graphing and trigonometry.

PREREQUISITE: C in Algebra I and Geometry

GRADES 10, 11, 12

HONORS ALGEBRA II and TRIGONOMETRY**1 Credit**

18-Week Course

This course is designed for students whose mathematics ability is above average. Material will be covered at a greater depth, and a wider range of topics will be considered, than in the Algebra II and Trigonometry course. Topics include; solving equations, inequalities and linear and quadratic systems; graphs in three dimensions; the complex number system, polynomial, exponential, logarithmic and trigonometric functions and problem solving. Students will use the school's TI-83 graphing calculators throughout the course. (Students may substitute TI-84 Plus in place of TI-83)

PREREQUISITE: A in Algebra I and A in Geometry or GRADES 10, 11
B in Honors Algebra I and B in Honors Geometry

ADVANCED MATH**1 Credit**

18-Week Course

This pre-calculus course covers such topics as coordinate geometry of points and lines, inequalities and their graphs, functions, circle and triangle trigonometry, exponents and logarithms, vectors, complex numbers, sequences and series, advanced factoring, conic sections, and graphing of polynomials, and an introduction to probability and statistics and limits.

PREREQUISITE: C in Algebra II/Trigonometry GRADES 11, 12

HONORS ADVANCED MATH**1 Credit**

18-Week Course

The topics in this pre-calculus course will be treated in greater depth than in the Advanced Math course. Students will study coordinate geometry, polynomials, inequalities, functions, exponents and logarithms, trigonometry, matrices, vectors, conic sections, sequences and series, and probability and statistics. Students will use the school's TI-83 graphing calculators throughout the course. (Students may substitute the TI-84 Plus in place of the TI-83.)

PREREQUISITE: B in Honors Algebra II and Trigonometry or GRADES 11,
12
A in Algebra II and Trigonometry

TRANSITION TO COLLEGE MATHEMATICS

1 Credit

18-Week Course

Transition to College Mathematics is a pre-college course for students who have completed Algebra II or Algebra II and Trigonometry but may not be adequately prepared for Advanced Math. This course provides a highly numerical approach to algebra and geometry through use of the calculator. About one quarter of the course will involve study of the trigonometric functions.

PREREQUISITE: Algebra II or Algebra II/Trigonometry

GRADE 12

CALCULUS

1 Credit

18-Week Course

This course will define and calculate limits. It will explore calculus through the interpretation of graphs, tables, and analytic methods. Derivatives will be determined and interpreted as rates of change and linear approximations. The definite integral will be introduced as a description of the net effect of rate of change over time, area under the curve, and as a limit of a Riemann sum. The TI-83 calculator will be used throughout the course.

PREREQUISITE: B in Honors Advanced Math or
B in Advanced Math

GRADE 12

ADVANCED PLACEMENT CALCULUS I

1 Credit

18-Week Course

This course covers the material specified for the Advanced Placement AB Examination so that college credit can be earned. Topics include: functions, including trigonometric functions, exponential functions, and logarithmic functions; differentiation, including applications of the derivative; integration, including applications of the integral and some special techniques of integration. TI-83 graphing calculators will be used throughout the course.

PREREQUISITE: B in Honors Advanced Math

GRADE 12

ADVANCED PLACEMENT CALCULUS II1 Credit

18-Week Course

This course covers the material specified for the Advanced Placement BC Examination so that college credit can be earned. This course is a continuation of Calculus I and will include topics involving vector functions, parametric equations, polar coordinates, and sequences, series and their convergence. Also included will be an extensive review in preparation for the Advanced Placement Exam which will be given in May. TI-83 graphing calculators will be used throughout the course.

PREREQUISITE: Advanced Placement Calculus I

GRADE 12

MATH SKILLS½ Credit

9-Week Course

This course is designed for students who have not yet passed the math section of the Ohio Graduation Test. Instruction and practice will be provided for each student. The OGT will be administered near the end of the grading period.

PREREQUISITE: Guidance Counselor recommendation

GRADES 11, 12

MATH TEST PREPARATION½ Credit

9-Week Course

This course will prepare students for the math segments of SAT and ACT tests. It will aid the students in taking the actual tests by establishing mathematical connections directly to test type questions. The class will provide diagnostic and practice tests which will prepare and build confidence for the actual tests. It will help students focus on content mastery and build effective strategies for taking the test.

Prerequisite: Geometry or Honors Geometry

GRADES 11, 12

STATISTICS AND PROBABILITY½ Credit

9-Week Course

This is a statistics course which will explore the basic principles of probability and statistics. It will help students make the connections between the issues and events in their lives and the power of statistics. Topics include describing data (graphical and numerical), probability, normal distributions, sampling methods, Chi-square tests for analyzing data, and regression models.

Prerequisite: C in Advanced Math
12GRADES 11,
12

MUSIC DEPARTMENT

MARCHING BAND/CONCERT BAND

1 Credit

18-Week Course

The Marching Band is a highly visible performing group that promotes school spirit, musicality, and discipline. Marching Band meets during the first 9-weeks, teaching students marching techniques, musical skills, and musical technique. Opportunities to serve as student leaders are available for those who excel. Performances will include: football games, rallies, band shows, parades, in-school concerts and community performances. All performances are mandatory! Grades are based on attendance at rehearsals and performances, participation, and the aptitude of the music and/or drill to be performed. Students are expected to participate in music department fundraisers and may have to pay for uniform parts such as marching shoes. This course may be repeated. Scholarship available.

Concert Band is a continuation of Marching Band into the second 9-weeks. This part of the course will teach musical skills and techniques, as well as concert performance etiquette through rehearsal and performance of standard repertoire pieces. Grades are based on attendance at rehearsals, participation, musical growth, and concert participation. This course may be repeated.

PREREQUISITE: Previous experience playing a woodwind, brass, or percussion instrument GRADES 9, 10, 11, 12

BEGINNING BAND

1 Credit

18-Week Course

Beginning band will meet during both the first and second semesters as separate courses. This course is designed to give beginning instrumentalists a chance to learn an instrument and play on either the Christmas or Spring Concert. Students will learn proper instrument holding positions, breath control, how to read music and rhythms, and how to play in an ensemble. Students who complete this course will be eligible to participate in marching band/concert band and may audition for after school ensembles such as jazz band. Grading is based on attendance, participation, musical growth, and concert participation. This course may be repeated with permission from the instructor.

PREREQUISITE: A desire to learn a woodwind, brass, or percussion instrument GRADES 9, 10, 11, 12

CHORUS

1 Credit

18-Week Course

Chorus is a performing group for all vocal students. Performances will include the Cardinal Mooney Christmas or Spring Concert as well as community concerts. All scheduled concerts are mandatory! In Chorus, students will learn to apply musical fundamentals to various styles. They will also master techniques such as breath control, phrasing, and diction. Grades are based on participation, attendance at all rehearsals and performances, and aptitude of the music to be performed. Students will have a voice placement audition during the first week of class. This class may be repeated.

PREREQUISITE: A desire to sing
12

GRADES 9, 10, 11,

SHOW CHOIR

1 Credit

18-Week Course

Show Choir is available to students through audition only. This twenty-student ensemble will consist of 10 men and 10 women. Students who successfully audition will be expected to participate in all scheduled performances to include community concerts, school concerts, and possible festivals. Members of this ensemble are expected to sing and dance. Grading is based on attendance, participation, musical and artistic growth, and concert participation. Each member must purchase uniforms. This course may be repeated.

PREREQUISITE: Successful audition
12

GRADES 9, 10, 11,

WOODWIND ENSEMBLE I

½ Credit

9-Week Course

This course will guide beginning students through the first steps of playing the flute, oboe, clarinet, saxophone or bassoon. Students will be given daily lessons in either an individual or similar instrument group format. Grading will be based on students' musical and technical growth on the chosen instrument as well as a concert performance at the end of the 9-week grading period. Students will be required to supply their own reeds and accessory equipment. This course may not be repeated.

PREREQUISITE: A desire to learn a woodwind instrument
12

GRADES 9, 10, 11,

WOODWIND ENSEMBLE II

1/2

Credit

This course is for the flute, oboe, clarinet, saxophone, or bassoon player who wants to continue to learn more advanced concepts on his/her instrument. Students will be given daily lessons in either an individual or similar instrument group format and will have daily rehearsals as a woodwind ensemble. Grading will be based on student's musical and technical growth as well as participation in the ensemble and a concert at the end of the 9-week grading period. Students will be required to supply their own reeds and accessory equipment. This course may be repeated.

PREREQUISITE: Ability play the flute, oboe, clarinet,
saxophone or bassoon

GRADES 9, 10, 11, 12

BRASS ENSEMBLE I

1/2 Credit

9-Week Course

This course will guide beginning students through the first steps of playing the trumpet, French horn, trombone, euphonium or tuba. Students will be given daily lessons in either an individual or similar instrument group format. Grading will be based on students' musical and technical growth on the chosen instrument as well as a concert performance at the end of the 9-week grading period. Students may be required to supply accessory equipment. This course may not be repeated.

PREREQUISITE: A desire to learn a brass instrument

GRADES 9, 10, 11,
12

BRASS ENSEMBLE II

1/2 Credit

9-Week Course

This course is for the trumpet, French horn, trombone, euphonium or tuba player who wants to continue to learn more advanced concepts on his/her instrument. Students will be given daily lessons in either an individual or similar instrument group format and will have daily rehearsals as a brass ensemble. Grading will be based on student's musical and technical growth as well as participation in the ensemble and a concert performance at the end of the 9-week grading period. Students may be required to supply accessory equipment. This course may be repeated.

PREREQUISITE: Ability to play the trumpet, French horn,
trombone, euphonium or tuba

GRADES 9, 10, 11, 12

PERCUSSION ENSEMBLE I

½ Credit

9-Week Course

This course will guide beginning students through the first steps of playing percussion instruments. Students will rehearse daily as a group on musical concepts learned in class. Grading will be based on playing and written rhythmic tests as well as musical and technical growth. Students will also perform in a graded concert at the end of the 9-week grading period. Students will be required to purchase snare drum sticks and may want to purchase earplugs. This course may not be repeated.

PREREQUISITE: A desire to learn percussion instruments GRADES 9, 10, 11, 12

PERCUSSION ENSEMBLE II

½ Credit

9-Week Course

This course is for the percussionist/drummer who wants to continue to learn more advanced concepts on instruments in the percussion family. Students will be given daily lessons in a group format and will have daily rehearsals as a percussion ensemble. Grading will be based on student's musical and technical growth as well as participation in the ensemble and a concert at the end of the 9-week grading period. Students may be required to supply their own snare drum sticks and may want to purchase earplugs. This course may be repeated.

PREREQUISITE: Ability to play a percussion instrument GRADES 9, 10, 11, 12

MUSIC THEORY I

½ Credit

9-Week Course

This course is for students who would like to gain a basic understanding of musical notation and aural recognition. Topics include standard notation, scales, chords, transposition, and aural understanding of intervals and chord qualities. Grading will be based on tests covering the material discussed in class. This course may not be repeated.

PREREQUISITE: None GRADES 9, 10, 11, 12

MUSIC HISTORY

½ Credit

9-Week Course

This course covers music history from its roots as an aural art with Gregorian chant through its evolution as a complex written art in the classical and romantic periods. Students will be graded through testing of concepts learned in class as well as a research paper on a topic assigned in class. This course may not be repeated.

PREREQUISITE: None
12

GRADES 9, 10, 11,

MUSIC IN MOVIES

½ Credit

9-Week Course

This course covers the use of music in both theatrical production set to film as well as in movies. Students will learn about thematic material used in film scores and its overall use in movies. Grading will be based on tests covering the thematic material analyzed and short comparison essays. This course may not be repeated.

PREREQUISITE: None
12

GRADES 9, 10, 11,

HISTORY OF AMERICAN MUSIC

½ Credit

9-Week Course

This course covers the evolution of American Music beginning with music of the colonial times through rock and roll and popular music of today. Grading will be based on tests covering the material discussed in class as well as a research paper on a topic assigned in class. This course may not be repeated.

PREREQUISITE: None
12

GRADES 9, 10, 11,

SCIENCE DEPARTMENT

For college-bound students, the traditional sequence of science courses has been and continues to be Biology, Chemistry, and Physics with other courses added to satisfy the students' interests and abilities. These three courses are required by many colleges for many programs and majors. For those whose skill or interests make this sequence unsuitable, ample alternate selections have been provided.

PHYSICAL SCIENCE I

½ Credit

9-Week Course

This course is designed to prepare students for other physical science courses. The course will cover major concepts from the areas of physics, earth science, astronomy, and chemistry.

PREREQUISITE: None
10

GRADES 9,

PHYSICAL SCIENCE II

½ Credit

9-Week Course

This course is a continuation of Physical Science I covering more advanced topics in Physics and Chemistry. The course is intended to help students who do not have the necessary prerequisites and need additional preparation in order to pursue Chemistry and Physics.

PREREQUISITE: Physical Science I and Biology
12

GRADES 10, 11,

BIOLOGY 101

1 Credit

18-Week Course

This course is designed to provide the major biology concepts to those whose reading skills make it difficult to excel in the more traditional biology course. Appropriate laboratory exercises will be included.

PREREQUISITE: Below average in Science and/or Reading
on placement test

GRADES 9, 10, 11

BIOLOGY 100

1 Credit

18-Week Course

The student is introduced to all the major topics in modern biology. Appropriate laboratory experiences are used to clarify and confirm these concepts.

PREREQUISITE: Average score on placement test in Science GRADES 9, 10, 11

HONORS BIOLOGY

1 Credit

18-Week Course

This course is designed for the student who exhibits a strong interest in science and plans to pursue courses in honors chemistry, physics, and advanced biology or advanced chemistry. Topics include biochemistry, cytology, photosynthesis, respiration, evolution, genetics, anatomy, micro-techniques, botany, and zoology and all their related fields. Independent study and projects will be assigned. Emphasis will be placed on in-depth lab experiences.

PREREQUISITE: At least 95 percentile score in Science on placement test GRADES 9, 10

ADVANCED PLACEMENT BIOLOGY I

1 Credit

18-Week Course

This course covers advanced topics in Biology in preparation for the Advanced Placement Exam. It is designed (with A-P Biology II) to be the equivalent of a college introductory Biology course. Topics covered include: molecules and cells, heredity, and evolution. The lab exercises are the equivalent of those done by college students. It is recommended that an anatomy and physiology course be taken prior to this course.

PREREQUISITE: B in Honors Biology and B in Honors Chemistry. Grade point minimum of 3.5 GRADES 11, 12

ADVANCED PLACEMENT BIOLOGY II

1 Credit

18-Week Course

This course continues the preparation for the AP Exam. New topics will include: organisms and populations. Lab exercise will give emphasis to modern biological laboratory techniques. Credit for Advanced Placement Biology II requires taking the AP Exam in Biology. (There is a fee for the exam which must be paid by the student.)

PREREQUISITE: B in AP Biology I
12

GRADES 11,
12

EARTH SCIENCE

½ Credit

9-Week Course

This course introduces the student to concepts such as: rocks and minerals, rock formation, weathering, plate tectonics, geologic time, oceans, weather, and astronomy. Laboratory exercise will introduce, reinforce, and confirm the concepts.

PREREQUISITE: None
12

GRADES 9, 10, 11,
12

ENVIRONMENTAL SCIENCE

1 Credit

18-Week Course

In this course the student is introduced to how people interact with the environment. Ecosystems, food webs, biomes, populations, pollution, recycling, global warming, energy sources, and the structure of the Earth and the atmosphere are some of the topics that will be covered. Laboratory exercises and independent study will accompany classroom work.

PREREQUISITE: Passing grade in any Biology and
Chemistry course; C average in Algebra

GRADES 10, 11, 12

CHEMISTRY 201**1 Credit**

18-Week Course

In this course the student is taught the basic concepts of chemistry with minimal emphasis on the mathematical aspects, although a basic knowledge of Algebra is needed. Basic concepts discussed include: atoms, compounds, the periodic table, matter, energy, writing and balancing chemical equations, acids and bases, and chemical reactions. Laboratory exercises will reinforce the material.

PREREQUISITE: Any Biology course and C in Intro to GRADES 9, 10, 11,
12
Algebra or a passing grade in Algebra

CHEMISTRY 200**1 Credit**

18-Week Course

The student is taught the fundamental concepts of Chemistry, stressing periodicity, the acid-base relationships, redox, atomic theory, equilibrium, stoichiometry, and the gas laws. Laboratory procedures confirm each concept.

PREREQUISITE: C in Algebra I or A in Basic Algebra GRADES 9, 10, 11,
12
and C in Biology or A in Basic Biology

HONORS CHEMISTRY**1 Credit**

18-Week Course

This course is intended for students with superior ability in math who can compete on a higher level in the areas of stoichiometry, periodicity, oxidation reduction, thermodynamics, equilibrium, gas laws, and acid-base relationships. Laboratory procedures to confirm concepts are also presented with emphasis on detail and technique.

PREREQUISITE: B in Honors Biology or A in Biology and GRADES 9, 10, 11, 12
B in Honors Algebra I or A in Algebra I.

PHYSICS**1 Credit**

18-Week Course

This is the traditional course in Physics. Topics covered are Mechanics, Energy, Electricity, and Magnetism, and Wave Motion. This course is supported by appropriate laboratory exercises.

PREREQUISITE: C in any Chemistry course; GRADES 11, 12
C in Geometry and Algebra

ADVANCED PLACEMENT PHYSICS**1 Credit**

18-Week Course

This course will prepare students for the AP Physics B Examination, which is given in the spring. Topics covered include: Newtonian Mechanics, Fluid Mechanics, thermal Physics, Electricity, Magnetism, Waves, and Optics. Appropriate laboratory exercises will reinforce the concepts. The AP Exam is a choice.

PREREQUISITE: B in Honors Algebra II/Trigonometry or A in GRADES 11, 12
Algebra II/Trigonometry; B in Honors Chemistry

ADVANCED PLACEMENT CHEMISTRY I**1 Credit**

18-Week Course

This course will begin to prepare students for the A.P. Examination, which is given in the spring, by which they can receive college credit for introductory chemistry. Topics covered include: atomic structure, bonding molecular structure, organic chemistry, oxidation — reduction reactions, nuclear chemistry, and others. Appropriate lab exercises will complement the material.

It is required that students who take this course have already taken at least two honors science courses. It is highly recommended that Physics or Honors Physics be taken before or concurrently with A. P. Chemistry.

PREREQUISITE: B in Honors Algebra II/Trigonometry and GRADES 11,
12
B in Honors Chemistry. No science or math grade below “B”. Grade point minimum of 3.5.

ADVANCED PLACEMENT CHEMISTRY II

1 Credit

18-Week Course

This class will complete the preparation for the Advanced Placement Chemistry Examination. Topics covered include: acids and base chemistry, thermodynamics, kinetics, qualitative analysis and others. Appropriate lab exercises will complement the material. Students are encouraged to take the A. P. Exam in the Spring. (There is a fee for the exam which must be paid for by the student.)

PREREQUISITE: B in Advanced Placement Chemistry I

GRADES 11, 12

ANATOMY AND PHYSIOLOGY I

1 Credit

18-Week Course

This course will focus on human anatomy and physiology. Appropriate laboratory exercises will support the main concepts. Topics will include: 1) human body orientation, 2) basic chemistry of the human body, 3) cell and tissue physiology, 4) body tissues, 5) skin and body membranes, 6) skeletal system, 7) muscular system, 8) cardio-vascular system, and 9) digestive system.

PREREQUISITE: C in Honors Biology or B in Biology
and a passing grade in any Chemistry course

GRADES 10, 11, 12

ANATOMY AND PHYSIOLOGY II

½ Credit

9-Week Course

This course will focus more in depth on human anatomy and physiology and will cover topics not covered in Anatomy & Physiology I. Topics will include: 1) respiratory system, 2) nervous system, 3) reproductive system, 4) the lymphatic system, 5) the endocrine system, 6) the urinary system, 7) special senses, and 8) nutrition. Appropriate laboratory exercises will support the main concepts.

PREREQUISITE: B in Anatomy I

GRADES 11, 12

ASTRONOMY

½ Credit

9-Week Course

This course focuses on major historical discoveries in astronomy that have led to our understanding of the universe. Topics will include planetary motion, stars, and other features of the universe. Appropriate lab exercises will be included.

PREREQUISITE: None
12

GRADES 9, 10, 11,

OCEANOGRAPHY

½ Credit

9-Week Course

This course presents an overview of Earth's ocean system. Focus of this course will be to obtain knowledge on how wind, waves, and current shape shore zones, beach erosion and deposition, properties of ocean water salinity, density, temperature, life in the sea, exploration, profile of ocean floor and human influence. Lab activities will reinforce the material.

PREREQUISITE: Passing grade in Biology

GRADES 10, 11, 12

WEATHER

½ Credit

9-Week Course

This course presents an overview of Earth's atmosphere and weather concepts. Focus on this course will be to obtain knowledge on the composition of our atmosphere, air pressure and pressure systems, evaporation and humidity, clouds, precipitation, fronts, severe weather, forecasting, climate controls and El Nino. Lab activities will reinforce the material.

PREREQUISITE: None

GRADES 9, 10, 11, 12

SCIENCE SKILLS

½ Credit

9-Week Course

This course is designed for students who have not yet passed the science section of the Ohio Gradation Test. Instruction and practice will be provided for each student. The OGT test will be administered near the end of the grading period.

PREREQUISITE: Guidance counselor recommendation

GRADES 11, 12

SOCIAL STUDIES DEPARTMENT

MODERN WORLD HISTORY

1 Credit

18-Week Course

This course presents students with a chronological narrative of World History from the Enlightenment to the 21st Century. Within its framework, students will trace the development of civilization in different parts of the world. The course is integrated by a number of themes that form the patterns of civilization. These themes provide students with an understanding of political change and economic development, the influence of geography on cultures, the growth of science and technology, the effect of contact between cultures, and creativity in the arts.

PREREQUISITE: None

GRADE 9

ANCIENT WORLD HISTORY

½ Credit

9-Week Course

This course presents students with an exploration of ancient World History, giving special emphasis to the cultures of Egypt, Greece, and Rome. The course is integrated by a number of themes that form the patterns of civilization. These themes provide students with an understanding of political change and economic development, the influence of geography on cultures, the growth of science and technology, the effect of contact between cultures, and creativity in the arts.

PREREQUISITE: None

GRADES 10, 11, 12

U.S. HISTORY

1 Credit

18-Week Course

This course includes a general review of our nation's heritage from 1900 to the present day. It describes the struggles and accomplishments of all Americans, including the diverse ethnic and minority groups who have made numerous valuable contributions to our nation's identity. The course's chronological approach allows students to realize how the ideas and events of the past influence current ideas, decisions, and events. Most importantly, the students learn how generations of Americans have struggled to realize the promise embodied in the Declaration of Independence and the Constitution of the United States.

PREREQUISITE: None

GRADE 11

AFRICAN-AMERICAN HISTORY½ Credit

(offered in alternate years – will be offered in 2012-2013)

9-Week Course

This course is designed to provide students the opportunity to explore African-American history from its roots of ten million years ago to the present day 21st Century. Topics of focus will be the Middle Passage, Slavery and Abolition, the Second American Revolution, Reconstruction, Black Culture and Society in the Early 1900's, the Civil Rights Movement, and Modern Black America. Students will examine African-American history from within a broad social, cultural, and political context. Finally, students will discover the impact that many famous African men and women had on both African and American culture.

PREREQUISITE: None

GRADES 10, 11, 12

ADVANCED PLACEMENT U.S. HISTORY I1 Credit

18-Week Course

This college level course will prepare students for the A.P. U.S. History examination given each spring. By taking this examination students may receive college credit in U.S. History. Both semesters of this class must be taken in order to take the A.P. Exam in the spring. (Please see the section on Advanced Placement Courses in this booklet.)

This course is designed to provide students with both the factual knowledge and the analytical skills necessary to deal critically with the problems and materials in United States history. Students will learn to assess historical materials — their relevance to a given problem, their reliability, and their importance — and to weigh the evidence and interpretations presented. An A.P. U.S. History course thus develops the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. This course will begin by studying U.S. History from its beginning through the Civil War.

PREREQUISITE: Grade point minimum of 3.5

GRADE 11

An Honors English background is strongly recommended

ADVANCED PLACEMENT U.S. HISTORY II1 Credit

18-Week Course

This course must be taken in conjunction with U.S. History I. The descriptions, skills, and goals defined in A.P. History I also apply to this course. This course will continue the study of U.S. History from Reconstruction to the present.

PREREQUISITE: A.P. U.S. History I

GRADE 11

AMERICAN GOVERNMENT

½ Credit

9-Week Course

This course deals primarily with the institutions of American government and relates them to the everyday world. Students are led to consider how the government is organized, and develop an understanding of the system and its structure. By exploring the foundations and principles of the United States government, the students will learn how the United States Constitution and the interpretation of the United States Constitution directly affects their lives. They will also identify how a successful democracy in today's world depends on the understanding and participation of its citizens.

PREREQUISITE: None

GRADE 12

WORLD GOVERNMENTS

½ Credit

9-Week Course

This course will prepare students to explore the various world-wide government systems. The student will develop an understanding of how the world is organized, how the systems are developed, and governmental structures are formed. In addition, they will develop concern for relationships among nations including ways in which cooperation and ties develop, and ways in which conflicts emerge and are resolved.

PREREQUISITE: None

GRADES 11, 12

ECONOMICS

1 Credit

18-Week Course

Economics is designed to offer students the opportunity to study the principles of economics as they operate in free enterprise and other economic systems. Economics is the study of the choices and decisions people make about how to use the world's resources. Understanding economics will help students make informed decisions for themselves and assess the decisions made by others. It will help students develop an understanding and appreciation of the roles of the private and public sectors in our economy as well as an appreciation of the need for ethical standards by business and consumers.

PREREQUISITE: None

GRADES 11, 12

CONTEMPORARY WORLD PROBLEMS

½ Credit

(Offered in alternate years – will be offered in 2013-2014)

9-Week Course

This course provides students the opportunity to examine the most contemporary problems facing the world today. Due to its nature, the course will be constantly changing. However, the basic framework will acquaint the students with the major issues, problems, and events of the day. These areas of study will not only enable students to realize the impact these events have had on society socially, politically, and economically, but also on the student individually. Through this process the student will learn how to gather, analyze, synthesize, and evaluate information in order to make their own informed decisions.

PREREQUISITE: None

GRADES 11, 12

CREATING PEACE AND BUILDING COMMUNITY

½ Credit

9-Week Course

This course provides students with the opportunities to examine, understand, and apply life skills for “Creating Peace and Building Community” through conflict resolution, alternatives to violence, and mediation skills.

The content of Creating Peace and Building Community will enable students to learn that many creative, constructive alternatives to violence do exist to solve human problems and overcome evil without violence or fighting.

This course will also focus on the Civil Rights Movement, the History of Intolerance in America, with special emphasis on the Holocaust.

Students will discover alternatives to violence and practice developing options such as: negotiation, mediation, and arbitration. The goal of the class is to learn those alternatives and the principle techniques as life-long learning skills.

PREREQUISITE: None

GRADES 9, 10, 11, 12

LAW IN ACTION

½ Credit

9-Week Course

This course is designed to provide students with the foundation of the American legal system. It describes those laws which have an impact on citizens' lives, while providing a basis for civil and criminal justice procedures. After completing this course, students will be able to: understand how criminal laws are made at the federal, state and local levels of government and how these laws are applied in the courts; distinguish various roles of lawyers, law enforcement officers, correction officers, and court officials; analyze both adult and juvenile criminal justice systems, along with the rights and responsibilities afforded to these individuals; investigate causes and consequences of crime.

PREREQUISITE: None

GRADES 10, 11, 12

PHYSICAL GEOGRAPHY

½ Credit

9-Week Course

This course presents an overview of physical geography. Its emphasis is on practical skills developed through an understanding of the five major themes of geography. Students will learn to think spatially as they consider how things are distributed over the space of the earth. To this end, “anything that can be mapped,” will apply.

PREREQUISITE: None

GRADES 9, 10, 11, 12

U. S. & WESTERN HEMISPHERE GEOGRAPHY

½ Credit

(offered in alternate years – will be offered in 2013-2014)

9-Week Course

This course presents a geographer’s overview of the physical and cultural landscape of the United States and its neighbors in the Western Hemisphere. Its emphasis is on the mapping of physical, economic, social, and political patterns found therein.

Students will learn to use maps, graphs, tables, and other geographic reference tools in analyzing these patterns.

PREREQUISITE: None

GRADES 9, 10, 11, 12

THE EASTERN HEMISPHERE OF WORLD GEOGRAPHY

½ Credit

(offered in alternate years – will be offered in 2012-2013)

9-Week Course

This course presents a geographer’s overview of the physical and cultural patterns of Europe, Asia, Africa, Australia, and Oceania. Its emphasis is a regional approach on describing the specific geography of these areas of the world. Focus on the five major themes of geography as they apply to each region will be made. Students will develop a whole new spatial sense of how the people and places there interact.

PREREQUISITE: None

GRADES 9, 10, 11, 12

HUMAN GEOGRAPHY (offered in alternate years – will be offered in 2012-2013)

½ Credit

9-Week Course

This course is an advanced study in geography open to students who have earned a ½ credit in geography. Students who enjoy the rigors of an academically challenging course will be encouraged to study seriously the importance of spatial organization — the location of places, people, and events, and the connections among places and landscapes — in the understanding of human life on Earth. The emphasis here will be a topical rather than regional approach. While the focus is on topics such as population growth, political disputes, and economic restructuring, geography students should be aware of the location of places in the world.

PREREQUISITE: None

GRADES 11, 12

PRINCIPLES OF PSYCHOLOGY

½ Credit

9-Week Course

This course is a study of individual behavior which begins with the history of psychology, followed by the methods used in studying behavior. The students then investigate the "Life Span" of human development, namely, infancy and childhood, adolescence, adulthood and old age, followed by a discussion of the workings of the mind and body. The concepts of "Learning" and "Cognitive Processes" are explored next. These include the workings of the brain, altered states of consciousness, sensation, and perception. The survey concludes with discussions on conditioning, memory, problem solving, motivation, and emotion. Students who take this class may not take Advanced Placement Psychology.

PREREQUISITE: None

GRADES 11, 12

ADVANCED PLACEMENT PSYCHOLOGY

1 Credit

18-Week Course

AP Psychology is a college level course that will prepare students for the AP Exam in the spring. This AP Exam is mainly vocabulary driven with an objective and subjective question format.

Psychology is commonly defined as the scientific study of behavior and the mental processes. This course will be designed around the five major content domains of psychology. Those domains are: Cognitive, Biopsychological, Developmental, Sociocultural, and Methods. The student will be expected to spend significant time outside of the classroom to master the course objectives. Students who take this class may not take Principles of Psychology.

PREREQUISITE: Grade point minimum of 3.0
Honors English strongly recommended

GRADES 11, 12

SOCIOLOGY½ Credit

9-Week Course

This course provides students with a comprehensive examination of the basic concepts, principles, and methods central to the scientific study of sociology. The course is designed to meet three major goals. The first goal is to teach students to think like sociologists. The second goal is to help students develop a sociological imagination, which will enable them to view their own lives within a larger social and historical context. The third goal is to help students understand and thus appreciate the rich diversity that is possible in social life by exposing them to data from a wide variety of cross-cultural and historical sources.

PREREQUISITE: None

GRADES 11, 12

SOCIAL STUDIES SKILLS½ Credit

9-Week Course

This course is designed for students who must pass the social studies section of the Ohio Graduation Test. Instruction and practice will be provided for each student. The OGT will be administered near the end of the grading period.

PREREQUISITE: Guidance counselor recommendation

GRADES 11, 12

THEOLOGY DEPARTMENT

INTRODUCTION TO THE SACRED SCRIPTURES

½ Credit

9-Week Course

The students will be brought into contact with the Sacred Scriptures by initially completing a general survey of the Hebrew & Christian Scriptures. This survey will enable the students to understand the progress of Revelation in the Christian faith. During the second half of the semester, special emphasis will be placed on the Hebrew Scriptures where the students will be invited to reflect on the message of the Hebrew Scriptures as presented in the different forms of literature: primeval history, patriarchal history, prophets, psalms, and selected writings.

PREREQUISITE: None

GRADE 9

PRINCIPLES OF CATHOLIC FAITH DEVELOPMENT

½ Credit

9-Week Course

This course provides an integrated survey of the basic doctrinal beliefs, communal worship, and moral principles of Roman Catholicism. It is presented with a sensitivity to the unique development needs of adolescents. Issues of human sexuality, cultural and media influences, Scripture and prayer will be developed.

PREREQUISITE: None

GRADE 9

ACTS OF THE APOSTLES AND THE CHRISTIAN EPISTLES

¼ Credit

4 ½-Week Course

This course will bring the students into contact with the earliest writings about Jesus: Saint Paul's letters, the Acts of the Apostles, Hebrews, and the Catholic Epistles. The students will learn the value of the Christian Scriptures as the most influential book in their lives and the significance of Jesus as the most important person in history. Unique dimensions of Christianity will be developed such as the qualities of a person "transformed by Christ", the nature of faith, the importance of unity amid diversity in community, the significance of the Eucharistic celebration, salvation as a gift from God through Jesus, and the use of gifts and talents in a spirit of humility and service to others.

PREREQUISITE: None

GRADE 10

CHRIST AND THE FOUR GOSPELS

¼ Credit

4 ½-Week Course

The students will experience Christ in their lives by looking at Jesus as both Lord and as a person who lived among us. The students will explore the Church's primary experience of the risen Lord as described and proclaimed in the Gospels. A comparative study will be made of the three Synoptic Gospels and the Gospel of John based on theme, purpose, audience, and literary style. By emphasizing the Gospels as testimonies of faith, the students will be led to share the faith of the early Church community, with a clear understanding of the Jesus of history and the Christ of faith.

PREREQUISITE: None

GRADE 10

SACRAMENTS OF INITIATION

¼ Credit

4 ½-Week Course

The students will come to understand the sacraments as forms of liturgical signs highlighted in the gathering of the Christian community's worship of God the Father through Jesus the Christ in the unity with the Holy Spirit. Through instruction, the students will see the sacraments as an important area of the Christian life and that they are signs that put us in touch with the risen Lord and signs of encountering Jesus today. Specifically, the students will develop a deeper understanding of the relationship of the Sacraments of Initiation--Baptism, Confirmation, and the Holy Eucharist.

PREREQUISITE: None

GRADE 10

SACRAMENTS OF VOCATION AND HEALING

¼ Credit

4 ½-Week Course

The students will continue to advance their knowledge of the sacramental life of the Church through the Sacraments of Vocation, Marriage and Holy Orders, and the Sacraments of Healing, Reconciliation and Anointing of the Sick. The historical perspectives of these sacraments and the application of them to the everyday Christian life will be explored.

PREREQUISITE: None

GRADE 10

CATHOLIC CHURCH HISTORY

½ Credit

9-Week Course

This course will present the students with the varied expressions of the Roman Catholic Church in its Western historical context so that, aware of the Church's development and social interaction throughout Western Civilization, students will understand the nature of the Church and appreciate their own role in the Church's mission today. Special emphasis will be placed on the nature and the development of the Catholic Church in Europe and the United States.

PREREQUISITE: None

GRADE 11

JUSTICE AND PEACE ISSUES

¼ Credit

4 ½-Week Course

The moral principles and methods of morality will be integrated with the social justice and moral issues of our times. Some of the topics to be explored are: principles of Catholic social justice, human rights, types of justice, the cardinal virtues, the principles of our social nature, subsidiarity, common good, solidarity, the option for the poor, the death penalty, abortion, euthanasia and assisted suicide, and a consistent ethic of life, prejudice, racism, poverty, work, the just war principles, and justice and the environment.

PREREQUISITE: None

GRADE 11

MORALITY

¼ Credit

4 ½-Week Course

The basic elements of Catholic moral tradition will be dealt with extensively according to the Catechesis of the Catholic Church. Some of the topics to be explored are: appreciating the gift of being human, searching out the right course of behavior by using McGuire's stop-sign method in decision-making, the cardinal virtues, looking to law as a guide to freedom, moral, nature, civil, old and new covenants, precepts of the church, living the Beatitudes, applying the golden rule "Do unto others as you would have them do unto you", the Seer method of following one's conscience, repenting and reconciliation, and understanding and living out the Decalogue and the theological virtues.

PREREQUISITE: None

GRADE 11

HONORS THEOLOGY 11

1 Credit

18-Week Course

Course description: Honors Theology engages students in an in-depth exploration of selected topics of the Catholic faith. By studying the Catechism of the Catholic Church, selected Church documents, major writings of Pope John Paul II and other resources, students will develop a deeper understanding of and appreciation for the richness of Catholic teaching and Tradition. This study will enable students to apply the Catholic perspective to contemporary issues. Among the topics to be covered are Liturgy and Sacraments; Catholic Spirituality; Foundations of Moral Theology; Faith, Creed, and Divine Revelation; the Call to Holiness, and the Discernment of Life Vocations. This course will fulfill the grade 11 theology requirement.

PREREQUISITE: A in sophomore Theology and A in English 10 or B in Honors English 10

GRADE 11

CHRISTIAN LIFESTYLES/SEXUALITY

½ Credit

9-Week Course

This is a "life preparation" course that is animated by the conviction that the capacity for relationships, love, and a solid personal identity are all gifts from God. Growth in self-understanding and relational effectiveness will be treated fully as well as human sexuality in the context of love and commitment. The students will be enabled to comprehensively examine and evaluate the various attitudes concerning sexuality that permeate our culture. Marriage in its sacramental, sexual, and personal dimension will be studied. Family life and its demands, with practical emphasis on social skills will also have its place in this offering. The single life, the committed religious life and Holy Orders will be presented as responsible and loving choices of Christian ministry. Divorced and the separated, the widowed and the single parented will be explored and discussed. This course is required for all seniors.

PREREQUISITE: None

GRADE 12

CHRISTIAN SERVICE1 Credit

18-Week Course

"Go forth to love and serve the Lord..." This senior elective course will provide the students with an opportunity to put their faith into action by sharing their gifts and talents with the local community. Five days a week the students will serve the needs of the people in the area. Some of the service locations include: inner-city outreach programs to the poor, nursing homes, preschools, grade schools, and various facilities to assist special needs people. Because of the nature of the class, it is an 18-week commitment.

PREREQUISITE: 2.0 average in Theology classes; B in Conduct. GRADE 12
No failed courses in previous semester.
Good attendance. Application required.

CHRISTIAN THEMES IN FILM¼ Credit

4 ½-Week Course

In this senior elective course, students will study, discuss, analyze, and respond to theological issues and themes as reflected in selected contemporary films. The class work will center on the application of these issues to the life of the student. Issues and themes explored may include: search for meaning in life; the process of becoming more fully human; search for God; struggle between good and evil; death and resurrection; the Christian call to love and service; justice in the world. This course will also examine how our values and attitudes are influenced and shaped by film. This course is for the student who is willing and able to discuss their views and insights in class.

PREREQUISITE: None GRADE 12

LIFE AND DEATH ISSUES¼ Credit

4 ½-Week Course

Pertinent issues relating to death and dying will be studied with the goals of improving the quality of life and preparing for the eternal life to come. Death is studied as a normal part of the life cycle, thus adding significance to the meaningful use of our allotted time on earth. Some areas to be explored are: 1) the psychological stages of terminal illness for the patient and the family and support systems for these individuals; 2) new bioethic controversies today regarding "living wills", and all the extraordinary means of preserving life; 3) talking with children about death; 4) suicide--the signs, causes, and prevention; 5) the physical, psychological, emotional, and spiritual effects of grief; 6) the value of and steps involved in the funeral process in America; 7) funeral customs around the world. This is an elective course designed for seniors.

PREREQUISITE: None GRADE 12

PRAYER AND WORSHIP

¼ Credit

4 ½-Week Course

Come, learn to relax in the presence of Christ. This elective course will enable the students to understand forms of liturgy and prayer used in the contemporary Church. They will be introduced to several types of spontaneous and structured prayer as well as basic prayers and liturgies of the Church. The students will be encouraged to develop their own style of prayer. Specific attention will be paid to: Liturgy of the Hours, the Eucharistic liturgy, guided meditation, and formal and spontaneous prayer. Students will be invited to assist with the planning of our school celebrations.

PREREQUISITE: None

GRADE 12

WORLD RELIGIONS

¼ Credit

4 ½-Week Course

In this senior elective course humankind's faith response to God as a Being greater than ourselves will be explored as well as the expression of this belief in a formal creed. Emphasis will be placed on the Kingdom of God and the role of Christians who believe in Jesus Christ as Lord and Savior in that Kingdom. Comparative studies will be accomplished between the major Christian denominations as well as the major world religions--Buddhism, Confucianism, Hinduism, Islam, Judaism, and Taoism--with the correlation being made between the beliefs and practices of these religions and our own Catholic beliefs and practices. Analysis will be made of contemporary religious cults (e.g., Unification Church, People's Temple, Hare Krishna, etc.) regarding their appeal, their danger, and the difference between them and the major religions studied earlier in the course.

PREREQUISITE: None

GRADE 12

WORLD LANGUAGE DEPARTMENT

FRENCH I

1 Credit

18-Week Course

French I focuses on the four elements of language acquisition – speaking, listening, reading and writing. French vocabulary on an array of topics will be introduced and utilized through various means, including original and authentic French dialogues. French lifestyles will be examined and compared to American lifestyles, with particular emphasis on francophone cultures.

PREREQUISITE: At least a 50 percentile score in the U/M section of the placement test

GRADES 9, 10, 11

FRENCH II

1 Credit

18-Week Course

French II is a continuation of French I, with a heightened emphasis on basic conversation. The other key elements of language acquisition – listening, reading, writing – will also be developed. Vocabulary will continue to be introduced into the student's repertoire. These skills will culminate in the reading and discussion of a classic French novel.

PREREQUISITE: C in French 1

GRADES 10, 11, 12

FRENCH III

1 Credit

18-Week Course

French III is a continuation of French I and II in terms of conversation. Students will have the opportunity to master the skills of speaking, listening, reading and writing through various media (e.g., performing skits, reading travel brochures, creating original poetry). Broader vocabulary will be added with emphasis on the expression of opinion. French cultures will be compared to world cultures. A classic French novel will be read and discussed.

PREREQUISITE: C in French II

GRADES 10, 11, 12

FRENCH IV**1 Credit**

18-Week Course

French IV focuses on refining the four acquired language skills of speaking, listening, reading and writing. French grammar will be reviewed and vocabulary will be expanded. Students are encouraged to speak French throughout class by discussing current and historical culture, which will broaden the student's understanding of France. A class French novel will be read and discussed.

PREREQUISITE: C in French III

GRADES 11, 12

GERMAN I**1 Credit**

18-Week Course

This first level course develops systematically the four basic skills -- listening, speaking, reading, and writing. The vocabulary, especially in dialogues, encourages the student to use the language in practical, everyday situations. Students are introduced to German culture throughout the course.

PREREQUISITE: At least a 50 percentile score in the
U/M section of the placement test

GRADES 9, 10

GERMAN II**1 Credit**

18-Week Course

This second level course permits time to review and expand upon the material and concepts learned in German I. It emphasizes the use of workable vocabulary and basic grammatical structure so that the student will be able to carry on a basic conversation, to understand simple spoken German, and to express himself/herself correctly in a simple composition. The study of culture is integrated and broadened through the use of readings, audiovisual materials and the basic textbook lessons.

PREREQUISITE: C in German I

GRADES 10, 11, 12

GERMAN III**1 Credit**

18-Week Course

German III is a continuation of German I and II in terms of conversation. During the third year, students also master reading skills using various sources in addition to the textbook. Grammar is reviewed and developed in greater detail. Students learn how to express personal thoughts and opinions in the target language. Listening skills are further developed by means of live and recorded conversations. Vocabulary is reviewed and expanded on a thematic basis.

PREREQUISITE: C in German II

GRADES 10, 11, 12

GERMAN IV**1 Credit**

18-Week Course

The primary objective of German IV is the attainment of a reasonable degree of fluency and reading comprehension. Students read and discuss German literature and culture. Grammar is reviewed. Vocabulary is reviewed and expanded on a thematic basis.

PREREQUISITE: C in German III

GRADES 11, 12

SPANISH I**1 Credit**

18-Week Course

This course is concerned with developing the basic elements of grammar, speech and listening comprehension. Pronunciation is important to get the "feel" of the recitation. Basic vocabulary covers about 800 words to 1,000 words. Oral dialogues are also performed.

PREREQUISITE: At least a 50 percentile score in the
U/M section of the placement test

GRADES 9, 10, 11, 12

SPANISH II**1 Credit**

18-Week Course

Spanish II reviews the fundamentals of grammar through practical exercises. Also included is increased practice in four basic skills with emphasis on attaining increased fluency and comprehension through reading short articles and orally reporting on them. Fundamentals include present, past, future, conditional, and command forms of verbs.

PREREQUISITE: C in Spanish I

GRADES 10, 11, 12

SPANISH III**1 Credit**

18-Week Course

The purpose of the third level course in Spanish is to enable the student to develop more spontaneous oral skill in the language. During Spanish III, the students improve reading skills and how to answer questions in the target language using higher level thinking skills. Grammar is reviewed in much greater detail by writing compositions following grammatical rules. Students learn how to express personal thoughts and opinions in the target language. Students sharpen their skills through extensive oral practice and written work.

PREREQUISITE: C in Spanish II

GRADES 10, 11, 12

SPANISH IV**1 Credit**

18-Week Course

The primary objective of Spanish IV is the attainment of a reasonable degree of coherent fluency and reading comprehension and higher level thinking in the target language. Students read and discuss Spanish literature and culture. Grammar is reviewed. Students will differentiate the various accents of Spanish speakers (e.g., Puerto Rico, Mexico, etc.).

PREREQUISITE: C in Spanish III

GRADES 11, 12

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