

Cardinal Mooney High School

Course Descriptions Booklet for 2021-2022

INTRODUCTION

This booklet has been prepared to assist both students and parents in course selections for the 2021-2022 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 Department is 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.

The selections in this course book represent all of the courses that may be offered at Cardinal Mooney. Not all of them may appear on the final master schedule, however

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 traditions 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.

(1 unit=1 credit). The minimum program for graduation requires:

Theology	4 units	(1.)
English	4 units	
Mathematics	4 units	(2.)
Science	3 units (including Biological Science, Physical Science and one advanced science)	(3.)
Social Studies	3 units (including U.S. History, Government and World History)	
Fine Arts	1 unit	
Health	½ unit	
Physical Education	½ unit (2 courses @1/4 credit each or waiver)	
Financial Literacy	½ unit (Personal Finance and Career Exploration)	
Electives	5 units	

1. This requirement may be adjusted for students who enter Cardinal Mooney after the ninth grade.
2. Four credits in Mathematics (including one unit in 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.

Advanced sciences include: Chemistry, all AP science courses, Anatomy and Physiology, Forensic Science, Environmental Science, Earth Science, H Physics, and Physics.

4. Students who plan to enroll in AP courses must meet the prerequisites.
5. It is recommended that college-bound students earn at least 2 credits in the same world language.
6. All students must pass all tests required by the State of Ohio, Department of Education.

Students who fail to meet the academic requirements for graduation may not be permitted to participate in graduation activities.

7. Additional graduation requirements and pathways from the State of Ohio are available at education.ohio.gov/Topics/Ohio-s-Graduation-Requirements.

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 schedule 8 classes per year, 4 each semester. A student may schedule a study hall as one semester class.

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, Creative Communications and Debate.

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 colleges.

Recommended College Preparatory Program

4 units of English
4 units of Theology
4 units of Mathematics (including Algebra II)
3-4 units of Science (including Biology, Chemistry, and Physics)
2-4 units of World Language
3 units of Social Studies
½ unit of Health and ½ unit of Physical Education or waiver
Additional electives to explore areas of interest or courses related to possible major or career

1 unit of Fine Arts*

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

HONORS COURSES

Honors courses offered within the Art, 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 expected to complete 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. (Refer to *Parent/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 can take the Advanced Placement examination conducted by the College Board in May. AP courses are offered within the Art, Business Technology, English, Mathematics, Science, Social Studies, and World Language 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.

COLLEGE CREDIT PLUS

Students may also work with the counselor to schedule college credit plus courses. See the details in the *Parent/Student Handbook* for an explanation of this program and how to enroll.

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	100 - 93	4.0
B	92 - 85	3.0
C	84 - 75	2.0
D	74 - 67	1.0

F	66 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	100 - 93	5.0
B	92 - 85	4.0
C	84 - 75	3.0
D	74 - 67	2.0
F	66 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

GRADUATION HONORS

The graduating senior with the highest number of quality point total after seven semesters will earn the class valedictorian award. The class salutatorian award will be given to the senior with the second highest quality point total after seven semesters. Honor cords will be awarded to those students who place, 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 semesters 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 by the fifth day of the quarter.
4. Any exceptions to these policies must be authorized by an administrator

COURSE OFFERINGS BY CLASS LEVEL

NINTH GRADE

Core Subjects

Directions: Put an X by your requested core courses. Each of the subjects is 1 credit unless otherwise noted. You should select AT LEAST 8 units of credit (total between requirements and electives) to fill a schedule. See the back of the sheet or the handbook for graduation requirements and course details.

English _____ English 9
(Must Choose 1) _____ Honors English 9

Mathematics _____ Math Lab _____ Algebra I _____ Honors Algebra I
(Must Choose at least 1) _____ Geometry _____ Honors Geometry

Science _____ Physical Science _____ Biology _____ Honors Biology
(Must choose at least 1)

Social Studies _____ Modern World History _____ Honors Modern World History
(Must Choose 1)

Theology 9 _____ X _____ Old Testament (.5 credit)
(both required) _____ X _____ Principles of the Catholic Faith (.5 credit)

World Language _____ Italian I _____ Spanish I _____ Reading
(Must Choose 1)

Health (.5 credit) _____ X _____

Physical Education I _____ Physical education (2 courses at .25 credit). **OR**
_____ Waiver available for athletics (see handbook for more details) Sport(s) _____

Subtotal of Core Credits Chosen _____

Electives

Directions: After selecting your core courses above, **please choose enough electives to equal 8 total credits**. Rank them with 1 being your first choice. Please see the course handbook for descriptions and prerequisites. Then put an X by 2 more classes that can be listed as your alternates in case your original choices do not work in your schedule.

<p><u>Art Department</u> _____ Art I (1 credit) _____ Color and Design (.5 credit)</p> <p><u>Business</u> _____ Marketing Principles (.5 credit)</p> <p><u>Technology</u> _____ Computer Applications (.5 credit)</p> <p><u>Computer Science</u> _____ Coding I (.5 credit)</p> <p><u>English Department</u> _____ Creative Communications (.5 credit) _____ Drama (.5 credit)</p>	<p><u>Music Department</u> _____ Band (1 credit) _____ Concert Choir (1 credit) _____ Piano I (.5 credit) _____ Piano II (.5 credit) _____ Guitar (.5 credit)</p> <p><u>Science Department</u> (.5 credit each) _____ Oceanography _____ Weather</p> <p><u>Social Studies Department</u> (.5 credit each) _____ Ancient World History _____ World Geography</p> <p><u>Study Hall</u> _____ Study Hall (no credit) _____ Guided Study Hall (.5 credit – administrative decision)</p>
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TENTH GRADE: A student must have earned a minimum of 6 credits to be classified as a sophomore.

CORE SUBJECTS

Directions: Put an X by your requested core courses. Each of the subjects is 1 credit unless otherwise noted. You should select AT LEAST 8 units of credit (total between requirements and electives) to fill a schedule. See the back of the sheet or the handbook for graduation requirements and course details.

English (Must Choose 1)	<input type="checkbox"/> English 10	<input type="checkbox"/> Honors English 10
Mathematics (Must Choose at least 1)	<input type="checkbox"/> Plane Geometry <input type="checkbox"/> Honors Algebra II and Trigonometry	<input type="checkbox"/> Geometry <input type="checkbox"/> Honors Geometry
Science (Must Choose 1)	<input type="checkbox"/> Physical Science	<input type="checkbox"/> Biology <input type="checkbox"/> Honors Chemistry
Social Studies (required)	<input checked="" type="checkbox"/> Personal Finance and Career Exploration	
Theology 10 (required)	<input checked="" type="checkbox"/> New Testament and the Acts of the Apostles <input checked="" type="checkbox"/> Sacraments	
World Language (Must Choose 1)	<input type="checkbox"/> Italian I <input type="checkbox"/> Italian II <input type="checkbox"/> Spanish I <input type="checkbox"/> Spanish II	
Physical Education I,II	<input type="checkbox"/> PE I <input type="checkbox"/> PE II (2 courses at .25 credit required) OR <input type="checkbox"/> Waiver available for athletics (see handbook for more details) Sport(s) _____	
Subtotal of Core Credits Requested _____		

ELECTIVES

Directions: After selecting your core courses above, **please choose enough electives to equal 8 total credits.** Rank them with 1 being your first choice. Please see the course handbook for descriptions and prerequisites. Then put an X by 2 more classes that can be listed as your alternates in case you original choices do not work in your schedule.

Art Department

- Art I (1 credit)
- *Art II (1 credit)
- Color and Design (.5 credit)
- Photography I (.5 credit)
- *Photography II (.5 credit)
- Digital Photography I (.5 credit)

Business

- Marketing Principles (.5 credit)
- Principles of Accounting (.5 credit)
- Business Etiquette (.5 credit)

Computer Science

- Coding I (.5 credit)
- Coding II (.5 credit)

English Department

- Creative Communications (.5 credit)
- Creative Writing (.5 credit)
- Debate (.5 credit)
- Drama (.5 credit)
- Journalism (.5 credit)

Industrial Arts

- Mechanical Drawing I (.5 credit)
- Woodworking Art and Design (.5 credit)

Music Department

- Band (1 credit)
- Concert Choir (1 credit)
- Piano I (.5 credit)
- Piano II (.5 credit)
- Piano III (.5 credit)
- Guitar (.5 credit)

Science Department

- Anatomy and Physiology (1 credit)
- Astronomy (.5 credit)
- Earth Science (1 credit)
- Environmental Sustainability (.5 credit)
- Forensic Science (.5 credit)
- Oceanography (.5 credit)
- Weather (.5 credit)

Social Studies Department

- Ancient World History (.5 credit)
- Law in Action (.5 credit)
- World Geography (.5 credit)

Technology

- Computer Applications (.5 credit)

Study Hall

- Study Hall (no credit)
- Guided Study Hall (.5 credit – administrative decision)

TWELFTH GRADE: A student must have earned a minimum of 18 credits to be classified as a senior.

CORE SUBJECTS

Directions: Put an X by your requested core courses. Each of the core subjects is 1 credit, unless otherwise noted. You should select AT LEAST 8 units of credit (total between requirements and electives) to fill a schedule. See the back of the sheet or the handbook for graduation requirements and course details.

- English 12 (Must choose 1) English 12
 Honors English 12
 Advanced Placement Literature and Composition
- Mathematics (choose 1 unless) Algebra II College Algebra
 Pre-Calculus Honors Pre-Calculus
 Calculus Advanced Placement Calculus AB (CCP option _____)
- Social Studies (Must choose 1) American Government (.5 credit)
 Advanced Placement United States Government and Politics
- Science (Recommended) H Physics AP Biology Chemistry
 Physics AP Chemistry Anatomy and Physiology
- Theology 12 (Required) Christian Lifestyles/Sexuality (required .5 credit)
AND Choose at least one of the following:
 Christian Service I (.5 credit) Christian Service II (.5 credit)
 Introduction to Catholic Philosophy (.5 credit)
 Prayer and Worship (.5 credit) World Religions (.5 credit)

Subtotal of Core Credits Chosen: _____

ELECTIVES

Directions: After selecting your core courses above, please choose enough electives to equal 8 total credits. Rank them with 1 being your first choice. Please see the course handbook for descriptions and prerequisites. Then put an X by 2 more classes that can be listed as your alternatives in case your original choices do not work in your schedule.

Art Department

- *Art II (1 credit)
- *Art III (1 credit)
- *Advanced Placement 2D Art (1 credit)
- *Advanced Placement 3D Art (1 credit)
- *Advanced Placement Drawing (1 credit)
- *Ceramics I
- *Ceramics II
- Drawing and Painting Studio (.5)
- Digital Photography I (.5 credit)
- Digital Photography II (.5 credit)
- Honors Art Portfolio (1 credit)
- Photography I (.5 credit)
- *Photography II (.5 credit)
- Photography III Advanced Photo (.5 credit)
- Portfolio (.5 credit)

Business

- Principles of Accounting (.5 credit)
- Business Etiquette (.5 credit)
- Creative Entrepreneurship (.5 credit)

*Indicates teacher recommendation required

Computer Science

- Coding I (.5 credit)
- Coding II (.5 credit)
- AP Computer Science Principles (1 credit)

English Department

- Creative Communications (.5 credit)
- Creative Writing (.5 credit)
- Debate (.5 credit)
- Drama (.5 credit)
- Journalism (.5 credit)
- *Newspaper (1 credit)

Industrial Arts

- Introduction to electrical/Electronic Principles (.5 credit)
- Innovation, Creativity, and Design Thinking (.5 credit)
- Mechanical Drawing I (.5 credit)
- Mechanical Drawing II (.5 credit)
- Woodworking Art and Design (.5 credit)

Music Department

- Band (1 credit)
- Concert Choir (1 credit)
- Piano I (.5 credit)
- Piano II (.5 credit)
- Piano III (.5 credit)
- Guitar (.5 credit)

Science Department

- Astronomy (.5 credit)
- Earth Science (1 credit)
- Environmental Sustainability (.5 credit)
- Forensic Science (.5 credit)
- Oceanography (.5 credit)
- Weather (.5 credit)

Social Studies Department

- Advanced Placement Psychology (1 credit)
- Law in Action (.5 credit)
- Principles of Psychology (.5 credit, 2022-2023)
- Sociology (.5 credit 2021-2022)

Technology

- Adobe Creative Suite (1 credit)
- Fundamentals of Gaming (.5 credit)

Study Hall (no credit)

- Study Hall (semester elective)

World Languages

- Italian II (1 credit)
- Italian III (1 credit)
- Italian IV (1 credit)
- Spanish II (1 credit)
- Spanish III (1 credit)
- AP Spanish IV (1 credit)

Subtotal of Elective Credits Chosen: _____

ART DEPARTMENT

COLOR AND DESIGN I

.5 credit

The color and design course is a beginning art course that will introduce students to the basics of two dimensional design and color theory. Incorporating the elements and principles of art and design as it relates to past and present--everything from the houses we live in, the cars we drive to the pencils we hold.

Students will need to purchase some supplies for this course.

No pre-requisite

Grades 9,10, 11

ART I

1 Credit

Art I is intended to be the beginning level art class that will introduce students to a variety of art experiences. Students will have the opportunity to creatively solve visual problems through a variety of 2 and 3 dimensional media and basic techniques. Students will be involved with written and oral critiques, visit art museums, write art reports and take tests. Art 1 is the foundational class to build a better understanding and skill set for future art classes.

Some supplies are needed for this class.

No pre-requisite

Grades 9,10, 11

ART II

1 Credit

Art II students will further develop and explore media from the art 1 class and will also add a few new processes as well. Students will continue to refine traditional and expressive techniques using 2 and 3 dimensional art forms while engaging in higher order visual problem solving. Students will engage in discussions about aesthetics, criticism and art history. Students will be required to visit local art museums and reflect on their experiences through writing, visual recreations, and discussion about their experiences. A visual journal is required and there will be a final portfolio critique.

Students will need to purchase supplies for this course.

Prerequisite: B average in Art 1 AND a teacher recommendation.

Grades 10,11,12

ART III

1 Credit

Art III is a comprehensive, guided art course that asks students to get further involved with the concepts and ideas behind their works. Projects ask for more in-depth creative solutions to more involved and in-depth solutions to visual problems. A further refinement to skill level develops more opportunities to explore media potential. The course is a mix of guided projects and a few independently driven studies as well. Students will engage in written and verbal reviews and journaling (written and visual), and a final portfolio with critique is part of this class.

Students will need to purchase supplies for this course.

Prerequisite: B average in Art II AND a teacher recommendation.

Grades 11,12

Portfolio

.5 credit

This is an independent study class that is meant for a more focused, serious self-motivated student that would like to pursue a specific direction with his/her creative efforts. Specific requirements will be established between teacher and student. Research, journal (written and visual), critiques and portfolio review are all a part of this course. This course may be repeated. Students will need to purchase supplies for this course.

Prerequisite: B average in Art II AND a teacher recommendation.

Grades 11, 12

Honors Portfolio

1 credit

The honors portfolio course is a more intensive study made to work with the AP students to further opportunities to explore and develop their AP portfolio. Although independent in nature, there are a few guided assignments with a more expedited pace to help prepare students for the rigor they will need in the AP course and a college course. Direction of the portfolio and artworks will be developed by the teacher and student. Written critiques, reviews and reports will be part of this course to help prepare for the college level communications needed to accompany work. Dedicated, strong, focused work ethic important to work through the pace and assignments. Students will need to purchase supplies for this course.

Prerequisite: B average in Art 2 AND a teacher recommendation.

Grades 11, 12

DRAWING and PAINTING STUDIO

.5 Credit

(offered in alternate years – will be offered in 2021-2022)

The drawing and painting course is a mid-level art course that addresses some of the fundamentals of traditional drawing and painting techniques. An extension to experiences in Art I and Art II, this course will help to establish stronger foundational skills in pencil, charcoal, pen, pastels, acrylic paint, watercolor, and some oil. Students will talk about developments of these media over time and how they are perceived today.

Students will need to purchase supplies for this course.

PREREQUISITE: B average in Art I or II AND a teacher recommendation. Grades 10,11,12

CERAMICS I

.5 Credit

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 average in Art I AND teacher recommendation Grades 11, 12

CERAMICS II

.5 Credit

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 average in Art I and Ceramics I AND teacher recommendation Grades 11,12

ADVANCED PLACEMENT 2-D ART
ADVANCED PLACEMENT 3-D ART
ADVANCED PLACEMENT DRAWING

1 Credit

A fundamental class for college preparation with emphasis on contemporary and traditional drawing, two-dimensional and three-dimensional processes, concepts, and materials. Projects are designed to introduce and fuse content, skill, and the principles of design and composition. Emphasis will be placed on solving visual problems and thinking critically, analytically, and creatively.

This AP course will address three major concerns that are constants in teaching art: (1) a sense of quality in a student's work; (2) the student's concentration on a particular visual interest or problem; and (3) the student's need for breadth of experience in the formal, technical and expressive means of the artist.

PREREQUISITE: B average in Art IV, Independent Art GRADES 11, 12
or Honors Portfolio AND teacher recommendation

PHOTOGRAPHY I

.5 Credit

This course explores darkroom and 35mm camera fundamentals, focusing on the technical and the visual design relating to the black and white photograph as an expressive art form. Selected technical and aesthetic photographic problems will enrich the students' abilities and knowledge of photography as they develop their own film and prints, and strengthen their critical thinking skills.. Students will be introduced to the history of photography and famous photographers, and research works by such. Students will create artist statements and be able to analyze images critically and aesthetically. Students will have a portfolio of work at the end of the calls. Students may use their own 35mm camera or one will be provided. Film, chemistry, and paper are provided.

PREREQUISITE: None GRADES 10, 11, 12
Class size is limited.

PHOTOGRAPHY II

.5 Credit

Further explore the magic of the darkroom, focusing on the practical and expressive forms of black and white photography as a fine art. The class will go on location to take photos for the various projects. The student will draw upon previous technical and visual knowledge and will be introduced to a variety of toning processes, alternative negative processes, and photo papers. The student will be introduced to a "white room" techniques to make high contrast digital negatives. The students will express themselves through artist statements and class critiques. Students will present their work in book form again for each project.

Students will need a 35mm film camera (or one will be provided). Film, chemistry, and paper are provided. Some supplies are needed. A great work ethic and the ability to multitask is essential.

PREREQUISITE: B in Photography I and teacher recommendation. Grades 10,1 1, 12
Class size is limited

PHOTOGRAPHY III ADVANCED PHOTO

.5 Credit

Photo III is designed for students who are seriously interested in the practical and expressive experience of photography as art. Students will explore and experience a variety of concepts, techniques, and approaches designed to help demonstrate their creativity, problem solving skills and ideas. By exploring analog and digital photographic media with the camera, computer, and darkroom, students will create a body of work to develop their own styles and modes of expression. Research, journals, critique and artist statements are an integral part of the class. Students will display their work and present their final portfolio. Great work ethic and high quality work is required. Some supplies are needed. Including a flash drive.

PREREQUISITE: B in Digital Photography II and/or
Photography II and teacher recommendation

GRADES 11, 12

DIGITAL PHOTOGRAPHY I

.5 Credit

This course is a beginning study of digital photography. The student will draw upon previous knowledge of the dark room and explore the “white room” as well as camera fundamentals, and color. The focus will be on the visual and technical knowledge relating to photography as a fine art form. Selected technical problems and the introduction to Adobe Photoshop as well as other editing software will expand the students’ abilities and knowledge of photography. The history of the digital camera and contemporary artists will be researched in this class. Students will use their smartphones and 35mm DSLR camera in this class. A portfolio will be virtual and in hard copy prints. A great work ethic is needed. Students will need some supplies including a flash drive (8GB).

PREREQUISITE: B in Photography I
Class size is limited.

GRADES 10, 11, 12

DIGITAL PHOTOGRAPHY II

.5 Credit

This course is the further study of digital photography and editing. The student will draw upon previous knowledge of both the “darkroom” and the “white room” as well as camera fundamentals, focusing again on the visual and technical knowledge relating to photography as an art form. Selected new and challenging projects will expand the students’ creative abilities and knowledge of photography. Students will select a personal theme for a final project. Students will study and research works by contemporary photographers. Adobe Photoshop and other editing software will be used. Virtual and hard copy portfolios will be made. A great work ethic is required. Students will need some supplies including a flash drive (8GB).

PREREQUISITE: B in Digital Photography I and teacher recommendation. Grades 11,12

BUSINESS and TECHNOLOGY DEPARTMENT

MARKETING PRINCIPLES

.5 credit

This marketing course will cover basic skills for success in the marketing world. Students will develop the understanding and skills in functional areas such as customer service, marketing math, human relations, communications, economics, distribution, ethical issues, advertising management, promotion and selling. Understanding these principles will enhance their knowledge of owning their own business, pursuing business marketing or working in a business.

PREREQUISITE: None

GRADES 9, 10

PROFESSIONAL AND BUSINESS ETIQUETTE

.5 credit

This course focuses on foundational communication techniques and strategies for student success in personal and professional environments. The topics to be explored include: Rules of Etiquette; First Impressions; Business Relationships; Digital Etiquette; Dining and Special Events Etiquette; and Cross-Cultural Etiquette Skills.

PREREQUISITE: None

GRADES 10, 11, 12

PRINCIPLES OF ACCOUNTING

.5 credit

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. Students will use MindTap, a cloud-based learning platform, to experience real-life simulations that will give them a better understanding of accounting. MindTap is based on interactive multimedia, readings, activities and assessments.

PREREQUISITE: None

GRADES 10, 11, 12

INTERMEDIATE FINANCIAL ACCOUNTING

.5 Credit

Intermediate Financial Accounting expands on topics introduced in the Principles of Accounting course. The expanded topics include management accounting, cost accounting, no-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: Principles of Accounting

GRADES 11, 12

COMPUTER APPLICATIONS

.5 credit

This course is designed to continue the development of effective key stroking skills with the concentration on learning the Google Suite: Gmail, Drive, Docs, Sheets and Slides. Google Classroom will be used as the primary source of productivity and collaboration.

PREREQUISITE: None

GRADES 9, 10

CODING I

.5 Credit

This is an introduction to programming. This class is designed to introduce students to the world of computer programming. Students will learn how to code by working in a real software development environment to design, program and publish mobile apps and games.

PREREQUISITE: None

GRADES 9, 10, 11, 12

CODING II

.5 Credit

This will be a continuation of the knowledge they have learned in Introduction to Coding. The students will continue working in Java. The students will be looking at the social impacts of computing through a series of design challenges, the importance of data in solving problems and exploring the role of hardware platforms in computing and how different sensors can provide more effective input and output than the traditional keyboard, mouse and monitor. The students team to develop and test a prototype for an innovative computing device based on the knowledge they have learned over the course.

PREREQUISITE: Introduction to Coding

GRADES 10, 11, 12

ADOBE CREATIVE SUITE

1 Credit

This course is designed to introduce and enhance knowledge from the Adobe Design Suite. The students will be learning and using select programs from the suite, Adobe Photoshop, Illustrator, Flash Dreamweaver and Fireworks CS4. The students will be creating and manipulating images and text using Adobe Photoshop and Illustrator. 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: A in Computer Applications or
Approval from Department Chair

GRADES 11, 12

CREATIVE ENTREPRENEURSHIP

.5 Credit

Explores how emerging social media, information technologies, 3-D printing, and rapid prototyping are transforming career and entrepreneurial opportunities. Students will have the opportunity to create a 21st century business and marketing plan and create a prototype of a product they will create.

PREREQUISITE: None

GRADES 11, 12

AP COMPUTER SCIENCE PRINCIPLES**1 Credit**

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

PREREQUISITE: Approval from Department Chair
A/B in two (2) of the following computer classes: Introduction to Coding, Computer Applications, Advanced Computer Applications.
A in Algebra I
B in Honors Algebra I
A in English 10, 11, 12
B in Honors English 10, 11, 12
GPA minimum of 3.5

GRADES 11, 12

FUNDAMENTALS OF GAMING**.5 credit**

This course introduces students to the world of competitive, organized video gaming that creates opportunities for growth and learning utilizing 21st century skills. Communication, collaboration, critical and strategic thinking, creativity, sportsmanship, and leadership create an all-inclusive environment in an Esports curriculum that incorporates social-emotional learning as well as STEM engagement. The Esports classroom creates a sense of community that encourages character development and increased participation while embodying the ISTE Standards. Students will emerge from this course as empowered learners, digital citizens, knowledgeable constructors, innovative designers, computational thinkers, creative communicators, and global collaborators.

Pre-requisites: None

Grades 11, 12

ENGLISH DEPARTMENT

The English Department at Cardinal Mooney High School prides itself on the success of its students in testing, competition, college acceptance, and publishing. Our experienced and unique staff is supportive in the efforts to refine our students' abilities to communicate ethically, exactly, and creatively. In literature we treasure the classics and highly regard contemporary works. Our curriculum continues to produce profound thinkers and writers who can visualize, analyze, and synthesize all visual and literary media.

ENGLISH 9

1 Credit

This semester course reviews basic grammar, usage and mechanics; develops vocabulary and critical thinking; and practices narrative, descriptive, expository, informative, and technical writing (basic research writing and strategy). Students read, study, and respond to various genres of literature like short stories, essays, novels, poetry, drama, and the epic. Students will create a résumé and develop a writing portfolio throughout the semester. This class requires summer reading and minimal research accountable at the start of the course.

PREREQUISITE: None

HONORS ENGLISH 9

1 Credit

Intended for students with *advanced* language arts skills, this course begins the Honors/Advanced Placement program. Using a textbook that links grammar and writing skills, students read, study, and respond to various genres of literature like short stories, essays, non-fiction and epic selections, three plays, and five novels. Literature is linked to activities in critical thinking, language skills, vocabulary development, and formal research. Students will create résumés and develop a writing portfolio throughout the semester. This class requires significant summer reading and minimal research accountable at the start of the course.

Prerequisite: Based on placement test results.

ENGLISH 10

1 Credit

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, vocabulary, and the MLA format applied to the writing and research process. Students will revise their résumés and add samples to their writing portfolios. This class requires summer reading and minimal research accountable at the start of the course.

PREREQUISITE: English 9

HONORS ENGLISH 10

1 Credit

This class develops writing skills including outlining and preparation of documented expository and research papers. The course further extends vocabulary skills and briefly reviews grammar, mechanics, and usage to correct writing errors and refine composition skills. With selections from early myths and folk tales through the works of the twentieth century, students explore the literature of major

world cultures. Students will revise their résumés and add samples to their writing portfolios. This class requires significant summer reading and minimal research accountable at the start of the course.

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

ENGLISH 11

1 Credit

English 11 studies American writings (essays, poetry, plays, speeches, histories, diaries, short stories, and four American novels) from Colonial times to the 21st Century. Students learn and use context vocabulary from their American Literature text in addition to a separate text for vocabulary advancement. This course allows students to improve their language skills by applying grammar lessons and pre-writing techniques to persuasive, expository, narrative, and descriptive writing. The formal MLA research process (now fully developed) is reflected in a research paper of substantial length and quality. Students will update information to a prepared résumé and add writing samples/projects to their writing portfolios. This class requires summer reading and minimal research accountable at the start of the course.

PREREQUISITE: B in Honors English 10

HONORS ENGLISH 11

1 Credit

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, speeches, and five novels. Comprehensive library instruction precedes the practice of analyzing and writing compositions in the forms of exposition, analysis, and the MLA research paper. Projects and oral presentations are incorporated to expand their communication skills. Students will update information to prepared résumés and add writing samples/projects to their writing portfolios. This class requires significant summer reading and substantial research accountable at the start of the course.

PREREQUISITE: B in Honors English 10

English 12

1 Credit

This course focuses on the masterpieces of British literature from the *Beowulf* poet to modern writers. Students write extended compositions and formal MLA style research paper(s). Continued development of vocabulary usage, critical thinking skills, and the ever-changing nature of the English language are also course objectives. Students will compile a final writing portfolio and résumé. This class requires summer reading and minimal research accountable at the start of the course.

PREREQUISITE: English 11

HONORS ENGLISH 12

1 Credit

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, literary analysis, and research-based assignments/projects, students will refine various writing applications and personal styles. Grammar and punctuation are reviewed throughout the term in preparation for in-class writing, prepared compositions and formal research

papers (MLA, APA, and CMS styles), contest writing, and portfolio development. The history and literature presented in this course, plus additional texts, will provide opportunities for advanced vocabulary usage. The personal résumé is finalized and Senior Writing Portfolio completed. This class requires significant summer reading and substantial research accountable at the start of the course.

PREREQUISITE: B in Honors English 10 and 11

ADVANCED PLACEMENT LITERATURE AND COMPOSITION

1 Credit

Students who have superior skills in reading, vocabulary, literary analysis, and writing are eligible for this class. The course will survey major American authors, various works of literature, and major British and world authors. Students review literary terms/devices and concepts through intensive reading and writing. Continued development of vocabulary usage, critical thinking skills, and the ever-changing nature of the English language are also course objectives. Major research projects cover MLA, APA and CMS styles, and/or the Annotated Bibliography. Group projects that incorporate rhetorical devices and presentations complement this challenging course. The personal résumé is finalized and Senior Writing Portfolio completed. Writing and/or participation in academic literary competitions is strongly encouraged. Extensive summer reading and preparation are mandatory and accountable at the start of the course.

PREREQUISITE: B in Honors English 9, 10, 11

Grade 12

CREATIVE COMMUNICATIONS

.5 Credit

This class will ease your fears as it will help you understand the history of human communication, basic concepts, theories, and principles applied to a variety of speaking situations, including changes via technological advances, audience analysis, improvement of speaking and listening skills, content discovery, communication strategies, arrangement of ideas, use of evidence and reasoning to support claims, language and style, voice and other delivery skills and ethical considerations. Projects include a variety of speeches, informal and formal group discussions, visual communication projects, and oral interpretation of cultural differences and changes in society. This course counts as a Fine Arts elective.

PREREQUISITE: None

GRADES 9, 10, 11, 12

CREATIVE WRITING

.5 Credit

“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 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: At least a C average in English

GRADES 10, 11, 12

DRAMA

.5 Credit

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. This course counts as a Fine Arts elective.

PREREQUISITE: None

GRADES 9, 10, 11, 12

DEBATE

.5 Credit

Calling all arguers, dissenters, know-it-alls, non-conformists, and rebels! This class provides a significant training ground for students who enjoy the clash of ideas! From persuasive speaking, to informal debate; from student congress to public forum debate, students will learn and engage in the skills of research, persuasion, case strategy, rebuttal, and presentation. If time permits, Moot Court/Mock Trial will be enacted by student “perpetrators,” “victims,” attorneys, jury members, judges, and reporters.

PREREQUISITE: Communications class

GRADES 10, 11, 12

JOURNALISM

.5 Credit

Learn the basics of good journalism. If you are curious by nature and are attracted by journalistic jargon, 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. Sign up today.

PREREQUISITE: B in English

GRADES 10, 11

NEWSPAPER

1 Credit

This course is intended for students wanting to continue their education within the field of journalism. In this hands-on class, students will apply research, writing, editing, and layout abilities to showcase their skills as journalists. As a newspaper staff, students will create and design a professional student publication.

PREREQUISITE: Journalism I AND teacher recommendations

GRADES 11, 12

READING

1 Credit

Reading is will help students develop skills including in fluency and reading comprehension. Students will practice reading aloud fluently, while stressing the cadence, pronunciation, and interpretation of their grade-appropriate literary selections. Knowledge of the author, background, literary structure, conflict, characterization, and theme aid students in their understanding of each author’s intent. Other skills incorporated within this class are the ability to read silently, interpret prompts and questions on tests, improve scoring on reading comprehension exams, and become a more confident and ready reader. Novels, short stories, plays, poems, essays, periodicals, and newspapers are incorporated to inspire all interests and skills.

PREREQUISITE: Based on grades and standardized testing results

Grade 9

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

PHYSICAL EDUCATION I,II

.5 Credit

The first semester 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. (1/4 credit)

The second semester 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. (1/4 credit)

PREREQUISITE: None

GRADES 9, 10

HEALTH

.5 Credit

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, the opioid crisis, tobacco, first aid, diet and nutrition, human sexuality, mental health, and environmental health.

PREREQUISITE: None

GRADES 9

PHYSICAL EDUCATION WAIVER OPTION (See Counselor for form)

The Physical Education Waiver is an alternative way for students to fulfill their P.E. graduation requirement. No grade or credit is earned. The purpose of the waiver is to open up a student's schedule to take a ½ credit course in another area of study. If this option is used to fulfill the P.E. requirement for graduation, the student must complete two full seasons of a sport or band and the student must complete an additional ½ credit elective course.

INDUSTRIAL ARTS DEPARTMENT

WOODWORKING ART AND DESIGN

.5 Credit

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. Students are required to purchase materials for this class.

PREREQUISITE: None

GRADES 10, 11, 12

MECHANICAL DRAWING I

.5 Credit

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

PREREQUISITE: None

GRADES 10, 11, 12

MECHANICAL DRAWING II

.5 Credit

The principles of design and problem solving methods are applied to product development, simple architecture projects and drawings with an emphasis on AutoCAD drafting Techniques and principles. Students are required to purchase materials for this class.

PREREQUISITE: Mechanical Drawing I

GRADES 11, 12

INTRODUCTION TO ELECTRICAL/ELECTRONIC PRINCIPLES

.5 Credit

In this 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. Students are required to purchase materials for this class.

PREREQUISITE: C in Algebra or Honors Algebra

GRADES 11, 12

INNOVATION, CREATIVITY AND DESIGN THINKING (ICDT)

.5 Credit

Innovation, Creativity and Design Thinking (ICDT) is an inquiry-focused, problem-based course that explores the facets of creativity, design and innovation which affect mankind's ability to grow, change and adapt and ultimately, to survive. Students will experience opportunities using creation applications and methodologies in a technology-rich environment. Students will innovate and design products to real world scenarios, evaluate processes and then, create their designs through remote user of digitally controlled prototyping equipment. ICDT is a semester class with common core state standards and technical education standards. Computer access is required for this course.

PREREQUISITE: Mechanical Drawing I is suggested
but not required

GRADES 11, 12

MATHEMATICS DEPARTMENT

4 Credits of Math, including Algebra II, are required for graduation.

Cardinal Mooney's math curriculum is aligned with the Common Core Standards for Algebra I, Geometry and Algebra II and Trigonometry. All students must take 4 years of math, including Algebra II. In many classes E-books will be available, along with the hard cover text.

Calculator use is necessary. A scientific calculator must be purchased for students' use. The TI84+ would be a wise investment for those students with plans to pursue a math, science, or business career. This calculator is useful for ACT and SAT Tests and is vital in AP Calculus. They may be used for Algebra I.

MATH LAB

.5 Credit

The course emphasizes the concepts and skills necessary to be successful in Algebra I and proficient on standardized testing. The course helps students identify their individual strengths and challenges while developing good mathematical study skills and learning strategies. Students will explore operations on real numbers, algebraic expressions and equations, ratios, proportions, percent, linear functions and graphing in conjunction with concepts and skills studied in Algebra 1.

PREREQUISITE: Based on placement test results

GRADE 9

ALGEBRA I

1 Credit

In this course emphasis is placed on algebraic properties, linear and polynomial equations with transformations, factoring, rational algebraic expressions, roots of algebraic expressions, radical expressions, quadratic equations and problem solving. The TI30X11S calculator must be purchased for this class.

PREREQUISITE: Based on placement test results

GRADE 9

HONORS ALGEBRA I

1 Credit

Honors Algebra I is a course designed for students whose grades and standardized test scores indicate readiness for more intense studies in Algebra. 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. Students should consider purchasing a TI84Plus calculator to use in all high school math classes. (Also ACT and SAT Tests)

PREREQUISITE: Based on placement test results

GRADE 9

PLANE GEOMETRY

1 Credit

This course is designed for the student who has completed Algebra I. 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: Lower than C in Algebra 1

GRADE 10

GEOMETRY1 Credit

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 transformations, and areas and volumes of geometric figures.

PREREQUISITE: C in Algebra 1

GRADES 9, 10

HONORS GEOMETRY1 Credit

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, coordinate geometry, and transformations.

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

GRADES 9, 10

ALGEBRA II1 Credit

This course is designed especially for juniors and seniors not desiring an in-depth 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: Algebra I

GRADES 11, 12

ALGEBRA II and TRIGONOMETRY1 Credit

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, transformations, graphing and trigonometry.

PREREQUISITE: C in Algebra I

GRADES 11

HONORS ALGEBRA II and TRIGONOMETRY1 Credit

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; transformations, 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 or B in Honors Algebra I

GRADES 10, 11

PRE-CALCULUS1 Credit

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 PRE-CALCULUS1 Credit

The topics in this course will be treated in greater depth than in the Pre-Calculus 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
A in Algebra II and Trigonometry

GRADES 11, 12

CALCULUS1 Credit

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 volume of a solid. The TI-83 calculator will be used throughout the course.

PREREQUISITE: C in Pre-calculus

GRADE 12

ADVANCED PLACEMENT CALCULUS AB1 Credit

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-84+ graphing calculators will be used throughout the course. (There is a fee for the exam which must be paid for by the student.)

PREREQUISITE: B in Honors Pre-calculus

GRADE 12

COLLEGE ALGEBRA1 Credit

This course is a pre-college course for students who have completed Algebra II or Algebra II and Trigonometry but may not desire to take Pre-calculus. This course provides a highly numerical approach to algebra and geometry through use of the calculator. The course will also involve the study of the trigonometric functions.

PREREQUISITE: Algebra II or Algebra II/Trigonometry

GRADE 12

STATISTICS AND PROBABILITY (2022-2023)

.5 Credit

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 Pre-calculus

GRADES 11, 12

MUSIC DEPARTMENT

BAND

1 Credit

The Marching Band performs at each football game. Marching fundamentals and technique are explored to rehearse and perform halftime shows during football season. The Pep Band is responsible for providing entertainment between JV and Varsity home basketball games. The Concert Band prepares seasonal concerts and other non-sporting-related musical performances. **All three bands are comprised of the same group of students registered for this class.** Instruments are available through the school, so please consult the band director if you do not own a musical instrument as we have a good selection of our own. **ALL scheduled performances are MANDATORY and are included in the course syllabus.**

PREREQUISITE: None. However, to repeat this course, a C or higher must have been earned.

GRADES 9, 10, 11, 12

DRUMLINE CONSIDERATION: Successful tryout

CONCERT CHOIR

1 Credit

The Concert Choir is the premier vocal ensemble of the school. Basic vocal technique and pedagogy are explored, and the music selection is varied to cover topics of faith, the human condition, and differing musical genres, along with classical voice training. Opportunities for collaboration with other school music ensembles are available for concerts and events. Opportunities to perform outside of Mooney, and individual and/or small group singing, are also part of this course. **ALL scheduled performances are mandatory and included in the course syllabus.**

PREREQUISITE: None. However, to repeat this course, a C or higher must have been earned.

GRADES 9, 10, 11, 12

PIANO MUSICIANSHIP I

.5 Credit

This course is designed for the beginner-level musician: **this is a start-from-scratch course needing no prior musical experience.** By the end of the class, the students will be able to read and perform simple songs using music notation, demonstrate an understanding of the fundamentals of piano performance, and be able to navigate novice-level works of music using basic Music Theory. Assignments include class performances and theory/composition projects. This course may **not** be repeated.

PREREQUISITE: None

GRADES 9, 10, 11, 12

PIANO MUSICIANSHIP II

.5 Credit

This course is designed for the intermediate-level piano student with some experience reading music and some technical proficiency navigating the keyboard. The class concentrates on applying Music

Theory to performance using various selections of music, and also through song writing and composition. The course midterm and final are in-class performances. This course is designed to increase the current skill set of the student musician in a variety of ways. ***This course may not be repeated.***

PREREQUISITE: B in Piano Musicianship 1
or teacher recommendation

GRADES 9, 10, 11, 12

PIANO MUSICIANSHIP III

.5 Credit

This course is designed for the upper-intermediary-level high school pianist. Topics include: individual and group performance practices and assessment, basic theoretical analysis of written and aural (heard) music, and technical progression in multiple areas of piano performance skills. This course is designed to allow the student to achieve personal areas of musical growth.

PREREQUISITE: B in Piano Musicianship II
or teacher recommendation

GRADES 10,11,12

GUITAR

.5 Credit

Guitar class introduces the basics of guitar performance to the student with no previous experience. **This class is designed for the start-from-scratch beginner.** Reading of traditional music notation and Tablature will be explored and technique explored covers the fretboard, scales, chords, and chord progressions in multiple genres. A fundamental understanding of basic music theory will be developed as well.

Students may provide their own guitars or the school will seek to provide them.

PREREQUISITE: None

GRADES 9,10,11,12

SCIENCE DEPARTMENT

Three units of science are required by the state for high school graduation. These units must include one unit of life science, one unit of physical science and one unit of advanced science.

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. Many colleges and universities also require 4 units of science for admission, so it is recommended students take 4 years of science.

PHYSICAL SCIENCE

1 Credit

In this course, students explore scientific concepts that provide the foundation for the study of many branches of science. Students will learn about the classification of matter, atoms, periodic trends of the elements, bonding and compounds, the reactions of matter, energy, waves, force and the motion of the universe.

PREREQUISITE: Based on placement test

GRADES 9, 10

BIOLOGY

1 Credit

In this course, the student explores all the major themes of biology. They will learn about biochemistry, cytology, photosynthesis, respiration, evolution, genetics, and an introduction to the domains of life. Appropriate laboratory experiences will allow students to have hands-on experiences to clarify and confirm these concepts.

PREREQUISITE: Based on placement test results

GRADES 9, 10

HONORS BIOLOGY

1 Credit

This course is designed for the student who exhibits a strong interest in science and plans to pursue courses in honors chemistry, physics, advanced biology, or advanced chemistry. Topics include biochemistry, cytology, photosynthesis, respiration, evolution, genetics, anatomy, micro-techniques, botany, zoology, and all their related fields. Independent study and projects allow students to investigate these topics in depth. Students will also expand their learning through in-depth lab experiences.

PREREQUISITE: Based on placement test results

GRADE 9

ADVANCED PLACEMENT BIOLOGY

1 Credit

In this course, students explore advanced topics in biology in preparation for the Advanced Placement Exam. The course is designed to be the equivalent of a college-level introductory biology course. Topics students study include: molecules and cells, cellular processes, heredity, evolution, organisms, populations, and ecology. The lab exercises emphasize modern biological laboratory

techniques and give students the opportunity to experience labs that are the equivalent to those done by college students. The fee for taking the AP exam is the responsibility of each student.

PREREQUISITE: B in Honors Biology and B in Honors
Chemistry or A in Biology, A in Chemistry

GRADES 11, 12

EARTH SCIENCE

1 Credit

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

PREREQUISITE: Passing grade in Biology

GRADES 10, 11, 12

ENVIRONMENTAL SUSTAINABILITY

.5 Credit

Environmental Sustainability explores the relationship of mankind with the environment, delving into the unintended social, environmental, and economic consequences of rapid population growth, economic growth, and consumption of natural resources. Sustainable development principles, global warming and climate change and understanding one's own carbon footprint and lifestyle choices are investigated. Students study political, economic, and social issues as well as ethical considerations and business practices. Case studies, analyses and appropriate projects are integrated.

PREREQUISITE: Passing grade in Biology

GRADES 10, 11, 12

CHEMISTRY

1 Credit

The student will be able to explore 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 Biology
C in Algebra II or concurrent enrollment

GRADES 11, 12

HONORS CHEMISTRY

1 Credit

This course allows students to combine their math and science skills and intensely study major topics in chemistry. They will investigate stoichiometry, periodicity, oxidation reduction, thermodynamics, equilibrium, gas laws, and acid-base relationships. The course also includes laboratory experiences that reinforce concepts while allowing students to learn proper lab techniques.

PREREQUISITE: C in Honors Biology or A in Biology and
C in Honors Algebra II and Trigonometry or concurrent enrollment

GRADES 9, 10

PHYSICS1 Credit

Physics is the branch of science concerned with the nature and properties of matter and energy. Students will learn about mechanics, heat, light and other radiation, sound, electricity, and magnetism. Appropriate lab exercises will support the main concepts.

PREREQUISITE: C in Algebra II
C in Chemistry or A in Fundamentals of Chemistry GRADES 11,12

HONORS PHYSICS1 credit

This course allows student to combine their math skills with an exploration of the major themes of Physics. Students will learn about Newtonian Mechanics, Fluid Mechanics, thermal physics, electricity, magnetism, waves, and optics. Through their laboratory exercises, they will have opportunities to experience these topics first hand and reinforce the concepts.

PREREQUISITE: A in Algebra/Trigonometry and Chemistry or
A or B in Honors Algebra/Trigonometry and H Chemistry GRADES 11,12

ADVANCED PLACEMENT CHEMISTRY1 Credit

In this course students will study advanced topics in chemistry in preparation for the Advanced Placement Exam. The course is designed to be the equivalent of a college introductory course in chemistry. Students will explore atomic structure, bonding, molecular structure, organic chemistry, oxidation-reduction reactions, nuclear chemistry, acid-base chemistry, thermodynamics, kinetics, and qualitative analysis. Appropriate lab exercises will complement the material. The fee for taking the exam is the responsibility of each student.

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

ANATOMY AND PHYSIOLOGY1 Credit

This course will focus on human anatomy and physiology. Appropriate laboratory exercises will support the main concepts. Topics will include: cell and tissue physiology, skin and body membranes, and an in-depth study of human organ systems. Appropriate laboratory exercises will support the main concepts.

PREREQUISITE: C in Honors Biology or B in Biology GRADES 10, 11, 12
and a C in Chemistry.
May be taken concurrently with Honors Chemistry

ASTRONOMY

.5 Credit

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: Any passing grade in Biology

GRADES 10, 11, 12

FORENSIC SCIENCE

.5 Credit

This course introduces the student to the science behind forensics. Topics covered will include collection of evidence, examination of trace evidence such as hair, fibers, soil, glass, fingerprints, blood, DNA ballistics and forensic anthropology. Labs will reinforce these concepts.

PREREQUISITE: Passing grade in Biology

GRADES 10, 11, 12

OCEANOGRAPHY

.5 Credit

Current comprehensive overview of the marine sciences. Topics studied include early voyages and exploration, origins, the ocean's role in earth processes and current technology, topography of ocean basins, wave, currents, and tidal action, life and diversity of living organisms within ocean zones, and the role that humans have with using and preserving ocean resources.

PREREQUISITE: None

GRADES 9, 10, 11, 12

WEATHER

.5 Credit

Introductory course on the atmospheric environment. Topics studied include structure of earth's atmosphere, climate and weather, temperature and heat transfer, humidity, condensation, and clouds formation, air pressure and wind systems, air masses, fronts, severe weather and storm systems, and weather forecasting and climate change.

PREREQUISITE: None

GRADES 9, 10, 11, 12

SOCIAL STUDIES DEPARTMENT

The Social Studies Department at Cardinal Mooney High School is focused on preparing our students to be engaged and informed citizens in the world in which they live by teaching them the knowledge and skills necessary to be effective in society. Through a rigorous instruction program, they will become creative and independent thinkers about issues in both the contemporary and historical world. Our young men and women will be able to connect the past to the present and the implications for the future. The Social Studies Department offers a variety of courses. This diversity allows students to have an understanding of the historical and current issues locally, as well as nationally and globally.

MODERN WORLD HISTORY

1 Credit

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

HONORS MODERN WORLD HISTORY

1 Credit

This course is designed for students who have an interest in Social Studies and plan to pursue AP and honors social studies classes throughout their high school career. This course presents students with a chronological narrative of 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 influence of geography on cultures, the growth of science and technology, the effect of contact between cultures, and creativity in the arts. Honors Modern World History will be taught at a faster pace with more emphasis on writing and a more in depth look at the themes that are covered as part of the curriculum.

PREREQUISITE: None

GRADE 9

ANCIENT WORLD HISTORY

.5 Credit

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 9, 10

U.S. HISTORY

1 Credit

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

ADVANCED PLACEMENT U.S. HISTORY I

1 Credit

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. (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 to the present.

PREREQUISITE: B in Honors English 10 or A in English 10

GRADE 11

AMERICAN GOVERNMENT

.5 Credit

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

PERSONAL FINANCE AND CAREER EXPLORATION

.5 credit

This course is **required** for graduation and fulfills the financial literacy requirement. It 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

GRADE 10

LAW IN ACTION

.5 Credit

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

WORLD GEOGRAPHY

.5 Credit

This course is an overview of geography throughout the world. It will cover physical and human geography of areas around the world. The course will also focus on the different cultures throughout the world. Students will learn to use maps, graphs, tables, and other geographical reference tools. Students will also learn to think spatially as they consider how things are distributed over the space of the earth.

PREREQUISITE: None

GRADES 9, 10

PRINCIPLES OF PSYCHOLOGY (2022-2023)

.5 Credit

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

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: B in Honors English or A in English

GRADES 11, 12

SOCIOLOGY

.5 Credit

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

ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS 1 Credit

Advanced Placement United States Government and Politics is an eighteen-week college level course. It is offered to students who wish to be academically challenged in the content area and meet the prerequisites. It is a survey course that provides an introduction into the operation of the American government and politics. As such we will examine:

- The American system of government and its origins
- Political opinions, interests and behaviors
- Political organizations, to include parties, interest groups and mass media
- The institution of government and their role in making and enforcing public policy
- Civil liberties and civil rights
- Primary source materials and contemporary news analyses

In exploring these areas, the goal is for students to develop analytical perspectives for interpreting, understanding, and explaining the political processes and events in this country.

PREREQUISITE: B in Honors English or A in English

GRADES 12

THEOLOGY DEPARTMENT

OLD TESTAMENT

.5 Credit

This course concentrates not only on the roots of Judaism but also Christianity, for it is within the story of the biblical Jews that Christianity has its origins. In studying the Old Testament, students will discover the Bible as the story of God's boundless love for us. This message will be presented in the different forms of literature: primeval history, patriarchal history, prophets, psalms, and selected writings.

PREREQUISITE: None

GRADE 9

PRINCIPLES OF THE CATHOLIC FAITH

.5 Credit

This course provides an integrated survey of the doctrinal beliefs, prayer and worship traditions, Scriptures and moral principles of Roman Catholicism. It is presented with sensitivity to the spiritual growth and development of the adolescent. Woven within this course will be sessions on self-image and human sexuality, cultural and media influences, and moral and justice issues.

PREREQUISITE: None

GRADE 9

NEW TESTAMENT AND THE ACTS OF THE APOSTLES

.5 Credit

This course leads students toward a deeper understanding of the New Testament and the Catholic approach to Scripture, the Good News of Jesus Christ, the Acts of the Apostles, and the Catholic Epistles of Saint Paul.

The students will explore three exegetical methods in the Catholic approach to Scriptures and learn about the development of the New Testament. This course will delve into the history, Christology, and ecclesiology of the books of the New Testament, beginning with the synoptic Gospels and the Gospel of John, and then explore the Acts of the Apostles, the Pauline and Deutero-Pauline letters, and the Book of Revelation.

PREREQUISITE: None

GRADE 10

SACRAMENTS

.5 Credit

The students will come to understand the seven sacraments as forms of liturgical signs highlighted in the gathering of the Catholic community's worship. Through instruction, the students will see the sacraments as an important area of the Catholic Church that put us in touch with the risen Lord. The historical perspectives of the seven sacraments and the application of them to every day Christian life will be explored.

PREREQUISITE: None

GRADE 10

CATHOLIC CHURCH HISTORY

.5 Credit

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

MORALITY/JUSTICE AND PEACE ISSUES

.5 Credit

This course leads the students toward a deeper understanding of God's law revealed to us through reason and revelation. The students explore how Christ's life and teachings are the fulfillment of the Old Law summarized in the Ten Commandments. Thus, the content of the course is explained by the moral law in the Old Testament, by Christ's moral teachings in the Gospels, and by the moral teaching of the Church. These are applied to our contemporary moral questions. The New Law of Christ calls us to go beyond keeping moral minimums and to love God, neighbor, and self with all our being. We can only do this empowered by God's grace. In the end, Christian Morality is about responding to God's love by living in full communion with God and others.

This course also leads students toward a deeper understanding the rich traditions of Catholic social teachings. The course examines the foundations of Catholic social teaching in Scripture and tradition. The students then study specific social issues, such as the protection of human life from its beginning to its end, poverty and hunger, war and peacemaking, economic justice, and environmental justice. The students are called to reflect on Christ's call to live justly and confront sinful social structures.

PREREQUISITE: None

GRADE 11

HONORS THEOLOGY 11

1 Credit

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 the Popes 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: An Honors English background is strongly recommended

GRADE 11

CHRISTIAN LIFESTYLES/SEXUALITY

.5 Credit

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 SERVICE I, II

.5 Credit each

"Go forth to love and serve the Lord..." By virtue of our Baptism, and through the rich tradition of our faith lived by men and women who have followed the social teachings of Jesus Christ and the Church, our call to service is clear. 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 important commitment.

Christian Service I is first semester and Christian Service II is second semester. A student may choose to do one or both semesters.

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

GRADE 12

INTRODUCTION TO CATHOLIC PHILOSOPHY

.5 Credit

The Introduction to Catholic Philosophy course will introduce the student to general philosophical concepts, important questions and some moral issues. For instance: What is truth, beauty & goodness? How can the human person be both matter and spirit? Are there limits to freedom? Where does the moral law come from? How can one know God? How can one know anything? Is there a post-mortem existence? What about the possibility of life on other worlds? Moreover, the student will engage some of the giants in the Western Philosophy: Ancient, Medieval, Modern and Post-modern. This course will rely upon reading both primary and secondary source materials. Our students will be able to recognize that philosophy, science and theology (Faith and Reason), far from opposing one another, are mutually enriching. Upon completion of this course, our students will have been exposed to a truly holistic educational experience rooted in the Catholic Philosophical Tradition.

PREREQUISITE:

Grade 12

PRAYER AND WORSHIP

.5 Credit

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

.5 Credit

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

ITALIAN I

1 Credit

The objective of the first level course in Italian is to develop basic skills in grammar, speech and listening comprehension. Oral dialogues will be used to increase vocabulary and learn the culture, history and geography of Italy.

PREREQUISITE: None

GRADES 9, 10, 11

ITALIAN II

1 Credit

After an initial review of the fundamentals learned in Italian I, Italian II is a continuation with more advanced grammar, additional vocabulary, and basic spontaneous conversation. These skills will be used in the readings of excerpts from Italian literature.

PREREQUISITE: C in Italian I

GRADES 10, 11, 12

ITALIAN III

1 Credit

Italian III is designed to help students develop spontaneous speaking skills as well as improve listening and reading skills. Vocabulary and grammar are reviewed in greater detail by speaking and writing compositions in the target language. The primary objective of this course is the attainment of a useful fluency in Italian.

PREREQUISITE: C in Italian II

GRADES 10, 11, 12

SPANISH I

1 Credit

This course offers the student with a general introduction to the Spanish language utilizing a variety of audio activities, videos, learning pronunciation, functional vocabulary related to daily basis life style, cultural knowledge and fundamental grammar applications. Concentration will be on the acquisition of four skills: listening, speaking, reading and basic writing. There are two main objectives to the course:

1. Provide students the ability to hold simple conversations;
2. Provide students with learning that enables them to comprehend and assimilate Spanish culture, vocabulary, and grammatical structures.

PREREQUISITE: None

GRADES 9, 10, 11, 12

SPANISH II**1 Credit**

Spanish II builds upon knowledge gained in Spanish I. This course will also reinforce the skills learned in Spanish I: listening, speaking, reading and writing. Emphasis is on improving pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of new vocabulary is expected.

1. Students will be exposed to the past tenses, future, conditional and subjunctive mood.
2. Students will be expected to apply grammatical concepts in their writing and speaking.

PREREQUISITE: Accomplishment of Spanish I with a satisfactory grade no lower than C

GRADES 10, 11, 12

SPANISH III**1 Credit**

Spanish III continues building knowledge gained in Spanish I and II. This course is a continuation and reprocessing of knowledge acquired in Spanish I and Spanish II, as well as an introduction to new advance vocabulary, structures and expressions.

1. Students will be expected to expand their repertoire of vocabulary range and include more sophisticated terminologies, use advanced language expressions, verb tenses and grammatical concepts such as: the pluperfect and the subjunctive mood.
2. Students will view Spanish language films with different accents and dialects and read selected Hispanic American literature.

PREREQUISITE: Accomplishment of Spanish II with a satisfactory grade no lower than C

GRADES 11, 12

SPANISH IV – AP SPANISH LANGUAGE**1 Credit**

Spanish IV-AP students continue working in cooperative learning through oral and written presentations also learning and reinforcing knowledge from the past levels of Spanish. As this course is a higher-level in reading, speaking, listening and writing, students are encouraged to take ownership of their learning and keep up with the pace of content and reading assignments following deadlines. It is advised for students to take the AP Spanish placement test through the College Board..

PREREQUISITE: Accomplishment of Spanish III with a satisfactory grade no lower than C

GRADES 11, 12