

COURSE DESCRIPTION GUIDE



2018 - 2019

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ART

COURSE: DRAWING AND PAINTING I
Semesters: 2
Credit: 1

COURSE NUMBER: 0104320
Grade Levels: 9, 10, 11

Evaluation of projects is based on the Design Elements and meeting deadlines. Students use media including pencil, ink, watercolor, and acrylic paint. The history of painting is also studied.

COURSE: DRAWING AND PAINTING II
Semesters: 2
Credit: 1

COURSE NUMBER: 0104330
Prerequisites: Drawing and Painting I or Graphic Design
Teacher recommendation
Grade Levels: 10, 11, 12

This course is a continuation of Drawing and Painting I.

COURSE: PORTFOLIO I
Semesters: 2
Credits: 1

COURSE NUMBER: 0109310
Prerequisites: 2 credits in Art and teacher recommendation
Grade Levels: 11, 12

Advanced level classes for students who are interested in further study or an art-related career. Art history is also studied.

COURSE: AP 2-D STUDIO ART
Semesters: 2
Credit: 1

COURSE NUMBER: 0109355
Prerequisites: Teacher recommendation, 2 years CMCHS art classes or portfolio submission
Grade Levels: 12

Studio Art students work with diverse media, styles, subjects, and content. The three areas of study include breadth, concentration, and quality. Students create a portfolio of work to demonstrate the artistic skills and ideas they have developed over the course of the year.

COURSE: COMPUTER ART: APPL TO GRAPHIC DESIGN
Semesters: 2
Credit: 1

COURSE NUMBER: 0103340
Grade Levels: 10, 11, 12

Students will use artistic skills to create graphic designs using Adobe Illustrator. Evaluation of projects is based on the Design Elements and meeting deadlines.

COURSE: ADVANCED COMPUTER GRAPHICS
Semesters: 2
Credits: 1

COURSE NUMBER: 0103310
Prerequisites: Drawing and
Painting I or Graphic Design
and teacher recommendation
Grade Levels: 11, 12

Continuation of Computer Art using Adobe Illustrator and InDesign.

COURSE: COMPUTER ART: ELECTRONIC
PRINTING IMAGE PROCESSING I
Semesters: 2
Credits: 1

COURSE NUMBER: 0103350
Prerequisite: Advanced
Computer Graphics
Grade Levels: 12

Continuation of Computer Art using Adobe Photoshop.

BUSINESS/COMPUTER SCIENCE

COURSE: GAME & SIMULATION FOUNDATIONS
Semesters: 2
Credits: 1

COURSE NUMBER: 8208110
Grade Levels: 9, 10

An introduction to computer-based game and simulation concepts (and careers) along with basic design practice. Compare and contrast popular games while learning about their impact on society and development tools! You will conceptualize a game of your own through storyboarding and “hands on” application methods. The culminating activity is the creation of a playable game.

COURSE: INTRODUCTION TO PROGRAMMING I
Semesters: 1
Credits: .5

COURSE NUMBER: 0201330
Grade Levels: 10, 11, 12

This course introduces programming using Alice, an innovative programming environment that makes it easy to create animations and build interactive narratives.* Students become familiar with object oriented programming by creating “stories” and solving code-related problems in a 3D virtual world.

*Developed by Carnegie Mellon University

COURSE: INTRODUCTION TO PROGRAMMING II
Semesters: 1
Credits: .5

COURSE NUMBER: 0201330
Grade Levels: 10, 11, 12

Challenge yourself to learn the Java programming language! Like Alice, Java is object oriented with computer instructions using English-based commands instead of numeric codes. It is very popular as a tool for desktop app and website development. Students who complete this course are prepared to enroll in AP Computer Science.

COURSE: INFORMATIONAL TECHNOLOGY I
Semesters: 1
Credits: .5

COURSE NUMBER: 0200310
Grade Levels: 10, 11, 12

An introductory course in computer operations for our information and digital age. Students gain hands-on experience through instruction on hardware, software, and a wide array of information technology tools. The *Microsoft Office 2016* suite of productivity applications provide a foundation for class projects. Word processing, spreadsheet, presentation, and database software are each covered.

COURSE: INFORMATIONAL TECHNOLOGY II
Semesters: 1
Credits: .5

COURSE NUMBER: 0200330
Prerequisites: InfoTech I
Grade Levels: 10, 11, 12

An in-depth continuation of Information Technology I for students who wish to develop computing ability and business technology skills further. Self-directed computer and iPad practice with *Microsoft Office 2016* including *Publisher 2016* (desktop publishing) and web-based/mobile *Office* Applications, prepares you for college and career success.

COURSE: VIDEO AND WEBSITE PRODUCTION
Semesters: 2
Credits: 1

COURSE NUMBER: 107400
Prerequisite: Writing ability
Grade Levels: 10, 11, 12

Students write, produce, and direct video projects. Digital camera equipment, audio, and editing software are used in order to obtain images, sound, graphics, and other content for the Cardinal Mooney website. Develop valuable website content management skills as you report on school-wide events!

COURSE: AP COMPUTER SCIENCE
Semesters: 2
Credits: 1

COURSE NUMBER: 0200320
Prerequisite: Algebra II
Grade Levels: 11, 12

* This course is offered through Florida Virtual School.

“The AP Computer Science A course is equivalent to the first semester of a college level computer science course. The course involves developing the skills to write programs or part of programs to correctly solve specific problems. AP Computer Science A also emphasizes the design issues that make programs understandable, adaptable, and when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications.

In addition an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course. Students must take the Advanced Placement Exam in order to receive Advanced Placement credit.”

<http://www.flvs.net/Students/Pages/find-course.aspx#highschool/12>

Saint Leo University Online Dual Enrollment Program

Cardinal Mooney and Saint Leo University have partnered to offer our students college-level electives through its Online Dual Enrollment program. Students will earn both high school and college credit for each of these courses. The courses are eight weeks in length. Students will be assigned a study hall for the remainder of the semester or they may register for another course.

Prerequisites: Juniors must have a 3.7 GPA, and Seniors a 3.3 GPA, to take the online college courses. Students work independently in the Media Center during one class period per day, and must submit assignments in a timely manner to maintain good standing in the course. A St. Leo advisor is assigned to help students with any questions or concerns. Grades are awarded at the discretion of St. Leo faculty and Cardinal Mooney may not intervene. Each grade earned is weighted with 1.0 additional quality point.

The cost per course is \$375.00 plus the cost of books. Registration and payment are processed through the Guidance Office.

COM 140 Business Computer Skills

Students will use commercial software packages to gain an advanced understanding of business functions of computers and to develop personal competency in practical applications of microcomputers for business. Provides business students with the specific knowledge and capabilities in various computer skills necessary to be effective in both business classes and the business world. Course fee may apply.

ENG 121 Academic Writing I

The techniques of effective writing, logical thinking and intelligent reading, with special emphasis on expository writing.

ENG 122 Academic Writing II

Must take Academic Writing I prior to taking this course: A continuation of ENG 121. Expository writing based on analytical study of literary genres.

ENG 210CL Love and Desire in Literature

A study of representations of love and desire in literature and their various manifestations in different time periods and cultures. Students will learn and apply basic tools of literary analysis while considering larger questions about the nature of love and desire.

REL 123 Christian Spiritual Vision

This course involves an introduction to the field of theology as an academic discipline with a body of writing, methods, and interpretations. It is concerned with how to successfully study theology, including basic library research methodology and critical thinking. Students will build a basic understanding of the whole of theology through an introduction of its parts: Old Testament and New Testament literature, Who is Jesus?, What is the Church?, Grace and the Sacraments, Christian Morality, Social Justice, Judaism and the Church, the Islamic religion and the Church, and Catholic theology in a global context.

REL 223 World Religions: East and West

Roman Catholicism's Second Vatican Council (1962-1965) affirmed the innate dignity of all persons, espoused global solidarity, and recognized God's presence and universal saving designs (a religious sense, truth, holiness

and ethical conduct) in other religions and, thus, emphasized discussion and collaboration with members of other religions. Through such an ecumenical lens, this course offers a study of Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam, and provides an introduction to Jainism, Shinto, Sikhism and Bahai. The course will not only introduce students to the world's major religions via consideration of their respective founders, seminal figures, sacred texts, central teachings, core beliefs, ethic and values system and history but, also, by examining how each of the religions, respectively, view the human condition; human inclination towards transcendence; and ethical responsibilities/tasks. **Does not replace the required theology course Senior year*

HUM 110CL Giants of the Arts

Giants of the Arts will define those artists who, through the test of time, have been recognized as true masters; whose works advanced their art form(s), who become a significant influence within their field(s), and who continue to influence contemporary artists today. Students will examine how these artists used the components of their art form(s), why these artists are considered "great," what their greatest contributions are to our society, and how these artists affect our artists today. Students will also consider the qualities of "masterful" creative endeavors and contemplate how the artists' gifts to our world improve and deepen our lives.

HUM 110HM Television and the American Family: Your Shows, My Shows

This course explores six decades and three eras of American television as it pertains to the depiction of the American family. Beginning with the early years, which saw the family as a haven, students will learn how television influenced families and how families as a whole influenced television. The course then moves on to the conflict years of television families and then to the postmodern period, in which the concept of family has become fragmented and subject to debate and redefinition.

MAT 131 College Mathematics

Topics include number theory, numeration systems, geometry, counting methods, probability, and statistics.

MAT 141 Finite Mathematics

Topics in mathematics that are especially applicable to business such as linear models, mathematics of finance, counting methods, probability, and statistics.

PSY 110HA Psychological Well Being: How to be Sane in an Insane World

This course uses psychological approaches to physical, cognitive, and emotional well-being. The scientific method will be used as a lens to view adjustment issues. Topics include personality and self-development, positive psychology, sex and gender, and relationships. Emphasis is on application via personal assessment and stress management techniques.

SCI 115SC Is Evolution True? Your Inner Fish

Are we humans just "souped-up" fish?! How did the human animal come to be what it is? What evidence of our evolution lies within our own bodies? How are we like fish? Worms? Even bacteria? Through paleontology (fossils), genetics, molecular biology, comparative embryology and comparative anatomy – we will reconstruct the history and examine the evidence for the building of human bodies through evolutionary adaptations. Is Evolution true? We will explore the evidence ranging from biogeography to geology, from molecular biology to physiology, so you can decide.

SOC 110HA The McDonaldization of Society

What can a fast-food chain teach us about society? Following George Ritzer's theory of McDonaldization, this course examines the pros and cons of living in a rationalized world where standardization, predictability, and

control prevail. As students learn the sociological concepts of bureaucracy, consumer society, social structures, social change, and social interaction, they will develop their sociological imagination to reclaim a place for creativity, meaning, individuality, and free will in the late modern world.

SOC 110HM Building a Multiracial Society

Are multiracial societies necessarily colorblind, and should they be? This course explores how colorblindness in multiracial societies can be analyzed through sociological theories and research methods. Students will read multiracial perspectives; analyze race and colorblindness in their everyday lives; and prepare themselves for entering a multiracial/global world, using their critical thinking skills to separate myth/ideal from data/evidence.

SSC 328 Drugs, Society, and Human Behavior

An interdisciplinary examination of the nature of commonly used psychoactive substances with the human nervous system. Included are the history and patterns of their use, as well as the medical, legal, psychological, and sociological consequences of their abuse. Current practices and strategies for drug education and treatment are covered.

ART 110HM Curves Ahead: Women Artists and the Female Form

Through a women's studies lens, we will examine women as patrons, critics, and viewers of art. Visual language and art terminology will be used to examine a variety of artworks made by women from an assortment of historic, social, political, and personal contexts. The course will examine how images of women by women have functioned in the ongoing construction of identity. This course seeks to illuminate women's contributions to the visual cultures of their societies and to recognize the relevance of these contributions to today's global community.

Business Elective Mini-Track

COM 140 Business Computer Skills

Required for all business majors. Students will use commercial software packages in the microcomputer laboratory to gain an advanced understanding of business functions of computers and to develop personal competency in practical applications of microcomputers for business. Provides business students with the specific knowledge and capabilities in various computer skills necessary to be effective in both business classes and the business world. Course fee may apply.

ACC 201 Principles of Accounting I

An introduction to the preparation and use of accounting information found in financial statements. Topics include the analysis of transactions, and accounting for assets, liabilities, revenues, and expenses. Interpretations of financial statements for measuring performance and making business decisions are emphasized.

Prerequisites: MAT 141 and COM 140

GBA 231 Business Law I

The U.S. legal system (constitutional framework), the judicial system, the administrative agency system, the legal theory of the organization (agency law, forms of organization), an organization's legal obligations (torts, contracts, common law, and the Uniform Commercial Code), and public law (employment, securities, antitrust, consumer and environmental protection) are reviewed.

Prerequisites: ENG 122

ENGLISH

COURSE: ENGLISH 9
Semesters: 2
Credits: 1

COURSE NUMBER: 1001310
Grade Level: 9

In this course, the students study various literary forms such as the novel, short story, poetry, mythology, and drama. The students also practice various types of writing, including research papers. Study skills, standardized test-taking skills, grammar, and writing mechanics are reviewed and developed. Through systematic vocabulary study, the students are encouraged to increase their reading and speaking vocabulary. The students also become acquainted with the media center and how to use the facilities provided for research.

COURSE: HONORS ENGLISH 9
Semesters: 2
Credits: 1

COURSE NUMBER: 1001320
Prerequisites: 80th Percentile on Placement Test and an “A” average in 8th grade English
Grade Level: 9

This course is designed to promote students’ competency in analyzing various literary forms in the context of World Literature. Course content includes frequent compositions (including a research paper), development of study skills and standardized test-taking skills, an extensive grammar and vocabulary study, and group projects related to literary/cultural history.

COURSE: ENGLISH 10
Semesters: 2
Credits: 1

COURSE NUMBER: 1001340
Grade Level: 10

This course is designed to promote students’ competency in oral and written communication and develop their ability to produce effective and correct sentences as well as clear, well-organized paragraphs. The study reviews the mechanics of the English language, standardized test-taking skills, and includes an extensive vocabulary study designed to extend the students’ appreciation of language and proficiency in its use. Various types of literature—short story, drama, poetry, non-fiction, and novel—are studied, enabling the students to form a critical sense of the various forms of literature.

COURSE: HONORS ENGLISH 10
Semesters: 2
Credits: 1

COURSE NUMBER: 1001350
Prerequisite: At least an 85% in Honors English 9, at least a 93% in English 9, no exam grade below a C, recommendation of 9th grade English teacher
Grade Level: 10

This course is designed to promote academic excellence in English language arts through enriched experiences in reading, writing, speaking, listening, and standardized test-taking skills and to provide instruction in the study of world literature in the genres of short story, poetry, essay, novel, and drama. The content includes composition instruction with frequent practice in writing multi-paragraph essays in a variety of types, including a documented research paper and poetry explication.

COURSE: ENGLISH 11
Semesters: 2
Credits: 1

COURSE NUMBER: 1001370
Grade Level: 11

The course is designed to give the students an understanding and appreciation of America's literary heritage. A study of the themes and values which form this heritage helps the students to evaluate American society today. In addition to studying literature, the students develop the skills necessary for good oral and written expression and standardized test-taking. Course content includes composition instruction with frequent practice in writing multi-paragraph essays in a variety of types, including a documented research paper.

COURSE: AP ENGLISH LANGUAGE AND COMPOSITION
Semesters: 2
Credits: 1

COURSE NUMBER: 1001420
Prerequisites: At least an 85% in Honors English 10, at least a 95% in English 10, no grade below a "B" on Semester exams, at least 80th percentile in English section on PSAT and recommendation of 10th grade English teacher
Grade Level: 11

This college-level course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The AP exam is given in May for possible college credit.

COURSE: ENGLISH 12
Semesters: 2
Credits: 1

COURSE NUMBER: 1001400
Grade Level: 12

This course is a survey of British literature focusing on the genres and philosophies characteristic of each literary period. Writing experiences emphasize developing a mature expository style. Research techniques are broadened to include the persuasive paper and critical literary analysis. Vocabulary enrichment and standardized test-taking skills are an integral party of the year's study.

COURSE: A.P. LITERATURE AND COMPOSITION
Semesters: 2
Credits: 1

COURSE NUMBER: 1001430
Prerequisites: At least an 85% in AP English Language, at least a 95% in English 11, no grade below a "B" on Semester Exams, at least 85th percentile in English section on PSAT and recommendation of 11th grade English teacher
Grade Level: 12

This college-level course involves students in the practice of writing and in the study of literature. Students learn to use the modes of discourse and to recognize the assumptions underlying various rhetorical strategies. Students also acquire an understanding of the resources of the language and an understanding of the writer's craft. They develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as a shared experience. Research techniques are reviewed and critical literary analysis is developed. Students take the Advanced Placement Examination in Literature and Composition in May.

COURSE: CREATIVE WRITING
Semesters: 2
Credits: 1

COURSE NUMBER: 1009320
Grade Levels: 10, 11, 12

The Creative Writing course aims to develop the student's creative writing skills. Literary forms of that creativity include the character sketch, the essay, the various forms of poetry, the playlet, and the short story. The student's style will be developed and enhanced through reading as well as daily writing exercises. These students are also responsible for the production of the school literary magazine.

COURSE: SPEECH I
Semesters: 1
Credits: .5

COURSE NUMBER: 1007300
Grade Levels: 10, 11, 12

Speech is a course designed to help the student learn effective ways of communication. Through this class, the students will not only learn to be more comfortable when speaking in front of an audience, they will also learn valuable techniques for public speaking. Students will improve their speaking skills by giving several speeches throughout the semester. This course also includes the study of current events.

COURSE: YEARBOOK I, II
Semesters: 2 per course
Credits: 1

CRS NUMBER: 100300Y
Prerequisite: Application Only

In this cross-curricular, project based class, students work collaboratively by using technology such as digital cameras, photo editing software and online design software to digitally produce a yearbook. Students use writing skills, communication skills and creativity to tell the story of the school community. Students think critically to meet deadlines, track goals and utilize multimedia to market and disseminate information that models an actual business. Students are required to submit an application for this class, however, application does not guarantee selection.

FOREIGN LANGUAGE

Commencing at the freshman level in Foreign Languages, study skills, note-taking skills, test-taking skills and time management skills will be presented and reinforced. These skills will continue to be emphasized throughout the student's Foreign Language experience from the beginning to upper levels.

COURSE: SPANISH I
Semesters: 2
Credits: 1

COURSE NUMBER: 0708340
Grade Levels: 9, 10, 11, 12

In Spanish I, the students are introduced to the Spanish language and culture. They learn basic communication skills and the fundamental principles of grammar. Repetition of the teacher of native speakers on CD, structured conversations and surveys with classmates and oral presentations develop proper pronunciation and effective communication. Listening comprehension, reading and written activities are also an integral part of the program. At this beginning level the culture of Spain is introduced and explored.

COURSE: HONORS SPANISH I
Semesters: 2
Credits: 1

COURSE NUMBER: 0708800
Prerequisite: Testing
Grade Levels: 9, 10, 11

This course will provide the same level of Spanish I but at an accelerated pace.

COURSE: SPANISH II
Semesters: 2
Credits: 1

COURSE NUMBER: 0708350
Prerequisite: "C" in Spanish I
Grade Levels: 9,10,11,12

The students continue the study of grammatical structure, verbs, idioms, vocabulary, and civilization. In Spanish II special attention is given to practice in auditory and reading comprehension, guided composition and conversation. At level II a study of the culture of the Spanish speaking Caribbean Countries is studied.

COURSE: HONORS SPANISH II
Semesters: 2
Credits: 1

COURSE NUMBER:0708810
Prerequisite: "B" or higher in Honors Spanish I or "A" in Spanish I
Grade Levels: 9,10,11,12

This course will provide the same level of Spanish II, but at an accelerated pace.

COURSE: SPANISH III
Semesters: 2
Credits: 1

COURSE NUMBER:0708360
Prerequisite: "B" in Spanish II
Grade Levels: 11,12

The competitive college applicant must strongly consider including the study of a third year of foreign language. The students read comic mystery at this level. They are encouraged to express themselves verbally and in writing. The study of grammar continues. This course examines Hispanic civilizations, geography and culture. Reading and listening comprehension skills are major goals as well. The students take an in-depth look into the rise and fall of the Maya and Aztec civilizations.

COURSE: HONORS SPANISH III
Semesters: 2
Credits: 1

COURSE NUMBER: 0708820
Prerequisites: "B" in Honors Spanish II or "A" in Span II
Grade Levels: 11, 12

This course will provide many of the same goals as Spanish III, but at an accelerated pace. The purpose of Honors Spanish III is to master and expand the skills acquired in Honors Spanish II. There is an emphasis on the expansion of vocabulary and an enhanced ease of conversation skills. Students analyze reading selections to acquire and strengthen grammatical concepts.

COURSE: SPANISH IV
Semesters: 2
Credits: 1

COURSE NUMBER: 0708370
Prerequisites: "A" in Span III or "B" in H Span III
Grade Levels: 11, 12

This course prepares the advanced Spanish student for continued studies at the upper or AP level. Reading and writing skills are taught at an accelerated pace and a final novelette is read. There is special emphasis placed on listening comprehension and speaking skills. The study of Hispanic culture and customs are continued, as are the fine arts and the study of South America's Inca civilization. Eligibility for AP Spanish language will depend on the proficiency level of the student.

COURSE: SPANISH V
Semesters: 2
Credits: 1

COURSE NUMBER: 0708380
Prerequisites: "A" Span IV
Grade Levels: 12

This advanced course is designed to build proficiency of intermediate to advanced students. Grammar explanations are provided through practice exercises and authentic texts. At this level students pursue an in-depth study of the history of Spain. There is a pronounced emphasis on conversational skills.

COURSE: AP SPANISH LANGUAGE AND CULTURE
Semesters: 2

COURSE NUMBER: 0808400
Prerequisites: "A" in Span IV
Grade Levels: 12

The curriculum for this course focuses on the comprehension of formal and informal spoken Spanish. Mastery of writing a narration or description several paragraphs in length is pursued. Communication of facts and ideas with an accent that is accurate enough not to interfere with comprehension is practiced. Preparation for the AP exam given in May is the sole focus of this course.

MATHEMATICS

The following are guidelines to help place students in the appropriate level of Mathematics. There may be a rare exception to the requirements and normal sequence of courses. If an exception exists, a conference with guidance, Mathematics Department Chair, student and parents is required for final approval.

COURSE: ALGEBRA IA
Semesters: 2
Credits: 1

COURSE NUMBER: 1200370
Placement determined by
scores on entrance tests
Grade Levels: 9

The purpose of this course is to give the mathematics student the opportunity to take our college prep Algebra I course over two years. This allows us to provide the foundation for more advanced mathematics course and to develop the skills needed to solve mathematical problems. Algebra IA will cover the first semester of the Algebra I course.

COURSE: ALGEBRA IB
Semesters: 2
Credits: 1

COURSE NUMBER: 1200380
Prerequisites:
Algebra IA
Grade Levels: 10

The purpose of this course is to continue the development of the foundation begun in the Algebra IA course. By the end of this course, the student will have completed our college prep Algebra I course and should be ready to move to the next mathematics course, Geometry.

COURSE: ALGEBRA I
Semesters: 2
Credits: 1

COURSE NUMBER: 1200310
Placement determined by
scores on entrance tests
Grade Levels: 9

The purpose of this course is to provide the foundation for more advanced mathematics courses and to develop the skills needed to solve mathematical problems. Course content includes development of study skills and standardized test taking skills in order to enhance student success. Topics shall include, but not be limited to: sets, variables, structures and properties of the real number system; first-degree equations/inequalities; relations and functions; graphs; systems of linear equations/inequalities; integral exponents; polynomials; factoring; irrational numbers; radical expressions; quadratic equations and data analysis.

COURSE: GEOMETRY
Semesters: 2
Credits: 1

COURSE NUMBER: 1206310
Prerequisites:
Algebra I
Grade Levels: 10, 11

The main purpose of this course is to explore the properties of basic geometric shapes—points, lines, planes, polygons, and circles. Critical thinking is emphasized in basic proofs and deductive reasoning, especially involving congruent and similar triangles. Other skills taught include areas of polygons; volumes and surface areas of prisms, pyramids, cones, cylinders, and spheres.

COURSE: ALGEBRA II**Semester: 2****Credits: 1****COURSE NUMBER: 1200330****Prerequisites:****Geometry****Grade levels: 10, 11, 12**

The purpose of this course is to continue the study of the structure of Algebra and to provide the foundation for applying these skills to other mathematical and scientific fields. Topics include, but not limited to, the review and extension of the structure and properties of the real number system; relations, functions and graphs; polynomial and rational expressions; rational and radical equations; quadratic equations and inequalities; polynomial functions; rational exponents; logarithms, complex numbers; and data analysis.

COURSE: ADV TOPICS IN MATH/INTRO COLLEGE ALGEBRA**Semesters: 2****Credits: 1****COURSE NUMBER: 1298310****Prerequisite:****Algebra II and****Teacher Recommendation****Grade Level: 12**

This course is a rigorous introduction to the mathematical concepts necessary for successful study of College Algebra. Emphasis is on a review of Algebra skills learned in Algebra I & II and then expands on them. Topics include: functions, polynomial and rational functions, rational expressions and equations, complex fractions, quadratic equations, linear and non-linear systems of equations, logarithms, logarithmic and exponential functions and equations, matrices, and compound and simple interest.

COURSE: COLLEGE ALGEBRA**Semesters: 2****Credits: 1****CRS NUMBER: MAC1105****Prerequisite****Algebra II > 80% or****H Algebra II and****Teacher Recommendation****Grade Level: 11, 12**

This is a rigorous introduction to the mathematical concepts of an entry level College Algebra course. This course is primarily a conceptual study of functions and graphs, their applications and of systems of equations and inequalities. Linear, quadratic, rational, absolute value, radical, exponential and logarithmic functions will be investigated. The use of a graphing calculator is integrated throughout the course. After successful completion of this course, the student may take the CLEP Exam to earn college credit.

MATHEMATICS HONORS SEQUENCE

The Mathematics Department of Cardinal Mooney High School offers qualified students an Honors sequence of courses. If a student or his/her parents chooses to exit the sequence at any time that choice precludes re-entry into the sequence.

COURSE: HONORS ALGEBRA I

Semesters: 2

Credits: 1

COURSE NUMBER: 1200320

Prerequisites

Placement determined by scores on entrance tests and CMHS Algebra Placement test.

Grade Levels: 9

The purpose of this course is to provide a rigorous and in-depth study of Algebra, emphasizing deductive reasoning skills, as a foundation for more advanced mathematics courses and to develop the skills needed to solve mathematical problems. Course content includes development of study skills and standardized test taking skills in order to enhance student success. Topics shall include, but are not limited to: operations and properties used within the real number system; algebraic and graphical solutions to first-degree equations and inequalities in one and two variables; relations and functions; direct variation; operations with polynomials, including all forms of factoring; rational and irrational algebraic expressions; and quadratic functions.

COURSE: HONORS GEOMETRY

Semesters: 2

Credits: 1

COURSE NUMBER: 1206320

Prerequisite

H Algebra I > 70%

1st & 2nd Sem Exams > 70%

Teacher Recommendation

Grade 9 must take the CMHS

Algebra Placement Test

Grade Levels: 9, 10

Geometry is a rigorous course designed to help students develop skills in problem solving, critical thinking, organization, and attention to detail. This course requires hard work and dedication. The course covers a variety of mathematics concepts. Throughout the year we will cover units involving Basics of Geometry, Reasoning and Proof, Parallel and Perpendicular Lines, Congruent Triangles, Properties of Triangles, Quadrilaterals, Transformations, Similarity, Right Triangles and Trigonometry, Circles, Area, and Surface Area and Volume of Solids.

COURSE: HONORS ALGEBRA II**Semesters: 2****Credits: 1****COURSE NUMBER: 1206340****Prerequisite:****H Geometry > 70%****1st & 2nd Sem Exams >70%****Teacher Recommendation****Grade Levels: 9, 10, 11**

The purpose of this course is to present an in-depth study of the topics of Algebra II with emphasis on theory, proof, and development of formulas, as well as their application. Topics shall include, but not be limited to: algebraic structure; first-degree equations in one and two variables solved algebraically and graphically; systems of equations and inequalities; functions and relations; polynomials and rational expressions; exponents and radicals; logarithms; complex numbers; conic sections; polynomial equations; sequences and series; permutations, combinations and probability; and matrices theory.

COURSE: HONORS PRE-CALCULUS**Semesters: 2****Credits: 1****COURSE NUMBER: 1202340****Prerequisite:****H Algebra II > 75%****or College Algebra > 85%****1st & 2nd Sem Exams >70%****Teacher Recommendation****Grade Levels: 10, 11, 12**

Pre-calculus is designed to help students make the transition from intermediate algebra into calculus. The purpose of the course is to help students acquire a solid foundation in algebra and trigonometry; to show how algebra and trigonometry can model and solve authentic real-world problems; and to enable the students to develop problem-solving skills, while fostering critical thinking. Emphasis will be placed on writing answers correctly, paying attention to the details and answering questions completely.

COURSE: AP CALCULUS AB**Semesters: 2****Credits: 1****COURSE NUMBER: 1202310****Prerequisite****H Pre-calculus > 80%****1st & 2nd Sem Exams >70%****Teacher Recommendation****Grade Levels: 11, 12**

AP Calculus AB is designed to cover the same material as a University's Calculus 1. Calculus is the mathematics of motion and change. It is divided into two major topics: differential and integral calculus. Differential calculus enables us to calculate rates of change, to find the slope of a curve, and to calculate velocities and accelerations of moving bodies. Integral calculus is used to find the area of an irregular region in a plane, to measure lengths of curves, and to calculate centers of mass of arbitrary solids. Problems will be presented and solved in four distinct ways: analytically, numerically, graphically, and verbally. Graphing calculators will be used extensively to visually demonstrate the concepts and to aid in computation of: derivatives at a point, finding the value of a definite integral, graphing a function in any window, and solving an equation on the real numbers by finding the zeros of the corresponding function. Students must pass the AP Exam administered by College Board to earn college credit for the course.

COURSE: AP STATISTICS
Semesters: 2
Credits: 1

COURSE NUMBER: 1210320
Prerequisite
College Algebra > 90% or
H Pre-calculus > 80% or
AP Calculus > 75% or
H Algebra II > 85%
1st & 2nd Sem Exams >70%
And a GPA of 3.6 or higher
Teacher Recommendation
Grade Levels: 11, 12

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference.

PERFORMING ARTS

COURSE: BAND I, II, III, IV
1302300,
Semesters: 2
Credits: 1

COURSE NUMBER:
1302310, 1302320, 1302330
Prerequisites: Beginning
Instruments or audition
Grade Levels: 9, 10, 11, 12

These courses continue the development of ensemble performance skills through participation in the Band Ensemble and individual practice activities. There are weekly required after school rehearsals and two evening concerts.

COURSE: BEGINNING GUITAR
Semesters: 2
Credits: 1

COURSE NUMBER: 1301320
Grade Levels: 10, 11, 12

The purpose of this course is to provide the beginning student with instruction in solo and ensemble playing of the guitar. Course material will include fundamental playing techniques, development of reading skills, technical rudiments (scales and chords), and solo and ensemble technique. There are three required after school rehearsals and two after school concerts.

COURSE: GUITAR II
Semesters: 2
Credits: 1

COURSE NUMBER:
11301330
Grade Levels: 10, 11, 12
Prerequisite: Successful
completion of Beg. Guitar or
Teacher Recommendation

Students enrolled in this course will continue their study and practice of chord progressions and basic strum patterns, in addition to adding barre chords, Travis picking and reading tablature to the curriculum. There will be an independent project and a teaching lesson in the second semester of this course along with various performances with the Beginning Guitar Ensemble. Attendance and participation at all rehearsals and concerts which involve the ensemble are mandatory and part of the overall grade for the course.

COURSE: KEYBOARD & PIANO SKILLS I, II, III, IV
Semesters: 2
Credits: 1

COURSE NUMBER: 1301360
1301370, 1301380, 1301390
Grade Levels: 9,10,11,12

These courses provide opportunity for piano and electronic keyboard students to perform the basic rudiments of piano performance. Each student will be expected to show evidence of personal musical growth. Students in all levels will participate in rehearsals, individual practices and concerts.

COURSE: STRINGS ENSEMBLE I, II, III, IV
Semesters: 2
Credits: 1

COURSE NUMBER: 1302460,
1302470,1302480,1302490
Grade Levels: 9, 10, 11, 12

Open to all high school students who are interested in playing a string instrument. Strings ensemble members will study and perform a variety of genres of music including classical, jazz, pop, rock and swing. Student involvement in concert and performance activities will be part of the grading process for this course.

COURSE: PERCUSSION TECHNIQUES
Semesters: 1
Credits: .5

COURSE NUMBER: 1302420
Grade Levels: 10, 11, 12

Welcome to percussion class! As a percussionist (or aspiring drummer), you have signed up to learn about and to perform on hundreds of musical instruments from triangle to timpani to snare drum, drum set and xylophone. All students in percussion class are expected to gain a basic understanding and skill level on all percussion instruments, including a study of rudiments, scales, timpani tuning and technique for all groupings upon completion of the course. No experience is necessary for this course. Students will be expected to attend several after-school rehearsals and perform with the Symphonic Band at the Christmas and Spring concerts.

COURSE: INTRO TO MUSIC THEORY
Semesters: 1
Credits: .5

COURSE NUMBER:1300300
Grade Levels: 10, 11, 12

This course will introduce students to the theory of music, providing them with the skills needed to read and write Western music notation, as well as to understand, analyze, and listen informedly. It will cover material such as pitches and scales, intervals, clefs, rhythm, form, meter, phrases and cadences, and basic harmony. Successful completion of this semester course is the prerequisite for enrollment in AP Music theory.

COURSE: AP MUSIC THEORY
Semesters: 2
Credits: 1

COURSE NUMBER:1300330
Prerequisite: Intro Music
Theory
Grade Levels: 11, 12

Advanced Placement Music Theory is a college-level course designed for students who have a strong background in music and play a musical instrument. Any student interested in enrolling in this course must meet teacher approval. In an AP Music Theory course, students will be required to read, notate, write, play, sing, and listen to music. Students enrolled in this course must take the Advanced Placement Examination in Music Theory in May (exam fee required).

COURSE: ART OF CINEMA
Semesters: 1
Credits: .5

COURSE NUMBER: 0400660
Grade Levels: 10, 11, 12

This course is designed to encourage the appreciation of films. Students will study film history, and aspects of film production, business, and genres. This course has a writing component.

COURSE: BEGINNING MUSICAL THEATRE (I, II)
Semesters: 2
Credits: 1

COURSE NUMBER: 1300400
Grade Levels: 9,10,11,12

This specialized performance class will teach basic skills in music, movement and performance. Musical Theatre students will begin to explore stage direction and will establish an in-class “working vocabulary” as performance artists. They will learn memorization techniques and the art of “living in the moment” (onstage.) Specifics in development of a character through the use of monologues, songs and scene work will also be explored. Proper vocal techniques will be taught. Musical Theatre students will sing with Music Ministry at school liturgies and will perform in the Christmas show and spring showcase. Sections on Musical Theatre History and Auditioning will also be taught to broaden the craft of theatre for the students. All students will be **REQUIRED** to sing in this course.

COURSE: HONORS MUSICAL THEATRE (III, IV)
Semesters: 2
Credits: 1

COURSE NUMBER: 1300420
Prerequisites: “A” in Musical Theatre I and II; audition
Grade Levels: 11, 12

This specialized performance class will expand on the skills in music, movement and performance taught in Beginning Musical Theatre. Musical Theatre students will use stage direction and their in-class “working vocabulary” as performance artists and apply it to musical theatre scene work, solos and duets. Proper vocal techniques will be taught and Musical Theatre students will sing with Music Ministry at school liturgies and will perform in the Christmas show and spring showcase. Sections on Musical Theatre History, Musical Theatre Directing, Auditioning, and Musical Theatre dance styles will be taught to enhance the craft of the advanced musical theatre student. Students planning to major in theatre in college will have the opportunity to prepare for college auditions and interviews and may attend the Florida Theatre Conference in November to audition for college theatre programs. All students will be **REQUIRED** to sing in this course.

PHYSICAL EDUCATION

COURSE: HOPE PE
Semesters: 1
Credits: .5

COURSE NUMBER: 3026010
Grade Levels: 9

The purpose of this course is to provide students with opportunities to develop an individual optimal level of physical fitness, acquire knowledge of physical fitness concepts and the significance of lifestyle on one's health and fitness. The content includes nutrition, weight control, physical fitness components and techniques, an overview of body systems with an emphasis on muscle/bone identification.

COURSE: HOPE HEALTH
Semesters: 1
Credits: .5

COURSE NUMBER: 3026010
Grade Levels: 9

The purpose of this course is to provide students with opportunities to develop and enhance skills necessary to make sound decisions and take positive actions for healthy and effective living. The content will include positive emotional development, communication, interpersonal and coping skills, stress management, responsible decision-making and planning, substance abuse, including the hazards of smoking, human growth and development, community resources and the performance of one-person cardiopulmonary resuscitation (CPR) and first aid for obstructed airways.

COURSE: INDIVIDUAL AND TEAM SPORTS I, II
Semesters: 1 or 2
Credits: .5 or 1

COURSE NUMBER: 1503350,
1503360
Grade Levels: 10,11,12

The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of individual and team sports play, develop skills in selected sports and maintain and/or improve their personal fitness. Sports may include: bowling, croquet, frisbee golf, pickle ball, tennis, badminton, golf, corn hole, volleyball, ultimate frisbee, flag football, soccer, basketball, softball, gatorball, track and field.

COURSE: BEG., INTER. & ADV. WEIGHT TRAINING
Semesters: 1
Credits: .5

COURSE NUMBER: 1501340
1501350, 1501360
Grade Levels: 10, 11, 12

This course will reinforce and extend knowledge and skills of weight training. Emphasis will be placed on implementation of personal weight training programs and realization of personal goals.

SCIENCE

Students desiring to enroll in more than one science course each academic year must get approval from the Science Department Chair.

COURSE: BIOLOGY I
Semesters: 2
Credits: 1

COURSE NUMBER: 2000310
Grade Levels: 9, 10

This course aims to present an understanding of life and life processes. It considers the diversity among living things (animals, plants, protists), the microscopic world, the functioning processes within plants, animals and humans, and the continuity of the biosphere through reproduction, heredity and evolution. Laboratory activities are included.

COURSE: HONORS BIOLOGY I
Semesters: 2
Credits: 1

COURSE NUMBER: 2000320
Grade Levels: 9,10

The purpose of this course is to provide students with rigorous exploratory experiences and activities in the fundamental concepts of life. This program expands the biological concepts introduced at the lower grade levels by presenting additional facts, concepts, and generalizations. There is a greater stress on the biochemical, physiological, and anatomical areas of life as well as the evolutionary, and ecological concepts. In order to enhance student learning, an emphasis is placed on test taking, note taking, and study skills, as well as scientific writing strategies.

COURSE: AP BIOLOGY
Semesters: 2
Credits: 1

COURSE NUMBER: 2000340
Prerequisite: "A" average in Biology I or "B" average in Honors Biology I and "B" in H Algebra I or higher or "A" in Algebra I and "A" in Chemistry or "B" or higher in H Chemistry and AP Teacher recommendation

This course is similar to a freshmen biology course for science, pre-medicine, pre-dental, pre-veterinarian and nursing majors at the college level. It is an intensive course requiring excellent reading and writing abilities. The College Board syllabus is followed. Students will take the AP exam in the spring. There will be required lab work before or after school. A summer assignment is due prior to course – see teacher.

COURSE: INTRODUCTION TO PHYSICS & CHEMISTRY
Semesters: 2
Credits: 1

COURSE NUMBER: 200331
Department Approval
Grade Levels: 9, 10

This introductory course is to provide students with an understanding of the basic concepts of Physics and Chemistry, including, but not limited to the study of force and motion, forms of energy, chemistry of matter and technology, and alternate energy uses for the future. Laboratory activities are included. This course goes well with Algebra IA, Algebra IB and Algebra I.

COURSE: CHEMISTRY**Semesters: 2****Credits: 1****COURSE NUMBER: 2003340****Prerequisite: B or better in
Biology, Algebra I****Grade Levels: 10, 11, 12**

The approach utilized is laboratory-oriented, emphasizing the development of principles through experimental observation. The chemical reaction is the focal point for studying the nature of/and relationship between matter and energy. Logical analysis and mathematical interpretation of chemical and physical phenomena are developed throughout the course. Algebra II or Geometry **must** be taken prior to or concurrently with Chemistry.

COURSE: HONORS CHEMISTRY I**Semesters: 2****Credits: 1****COURSE NUMBER: 2003350****Prerequisite: "A" average in
Biology I or "B" in Honors
Biology I and "B" in H
Algebra I or higher or "A" in
Algebra I****Grade Levels: 10, 11**

The purpose of this course is to provide a rigorous study of Chemistry for the serious, self-motivated student. Topics include the composition, properties, and changes associated with matter. Laboratory investigations of selected topics will be included as an essential part of the course. Logical analysis and mathematical interpretations of chemical and physical phenomena are developed in the course. This course is designed to prepare students for AP Chemistry.

COURSE: AP CHEMISTRY**Semesters: 2****Credits: 1****COURSE NUMBER: 2003370****Prerequisites: "A" average in
Chem. I or "B" average in
H. Chem. I & AP teacher
recommendation****Grade Level: 11, 12**

This course is designed to be the equivalent of a general chemistry course offered to first year college students. Topics covered include; atomic theory; the relationship between structure, inter-particle forces, and changes in matter; kinetics; thermodynamics; chemical equilibria; and electrochemistry. The AP exam will be taken in May.

COURSE: PHYSICS I**Semesters: 2****Credits: 1****COURSE NUMBER: 2003380****Prerequisites: "C" average in
both Chem and Algebra II****Grade Levels: 11, 12**

The students will perform experiments, explore theories, and solve problems regarding matter and energy and their relationships. The fundamental concepts of light propagation, motion, force, sound, heat, electricity, magnetism, and nuclear transformations are considered. This course utilizes a mathematical approach and logical analysis.

COURSE: HONORS PHYSICS I
Semesters: 2
Credits: 1

COURSE NUMBER: 2003390
Prerequisite: "B" average in H. Chem and "B" average in H. Algebra II or "A" average in Chem I and "A" average in Algebra II
Grade Levels: 10, 11,12

The students will perform experiments, explore theories, and solve problems regarding matter and energy and their interrelationships. The fundamental concepts of light propagations, motion, force, sound, heat, electricity, magnetism, and nuclear transformations are considered. Honors Physics is an inquiry-based, rigorous, mathematical class that requires independent study for the self-motivated student. Qualitative and quantitative analytical approaches are utilized throughout this course.

COURSE: AP ENVIRONMENTAL SCIENCE
Semesters: 2
Credits: 1

COURSE NUMBER: 2001380
Prerequisite: B in H Biology; H Chemistry, A in Biology; Chemistry
Grade Levels: 11, 12

This course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The program is designed to incorporate geology, biology, environmental studies, chemistry and geography that stresses scientific principles and analysis, including a laboratory component. Students will take an AP exam in the spring. A summer assignment is due the first day of the course – see instructor.

COURSE: ANATOMY AND PHYSIOLOGY
Semesters: 2
Credits: 1

COURSE NUMBER: 200350
Prerequisites: "C" average in Bio I or dept. approval.
Grade Levels: 11, 12

The structure, function and interrelationships of the systems of the human body are studied in this course. Laboratory investigations of selected topics will be included as well as dissections.

COURSE: FUNDAMENTALS OF EARTH/SPACE SCIENCE
Semesters: 2
Credits: 1

COURSE NUMBER: 2001300
Prerequisite: Dept. Approval
Grade Levels: 11, 12

This course will cover topics of astronomy, geology, oceanography, meteorology, paleontology, and alternate energy sources for the future. Laboratory investigations are utilized to enhance student understanding of the dynamic processes related to the earth's past, present, and future.

COURSE: MARINE SCIENCE
Semesters: 2
Credits: 1

COURSE NUMBER: 2002500
Prerequisites: "C" average in Bio. I or depart. approval.
Grade Levels: 11, 12

Marine Science is a two-semester course which provides the student with a survey of the marine biome and environmental issues. The course will include the nature of the marine habitat—its chemical, physical, and geological aspects; ecological sea zonation, marine communities, classifications, characteristics of major marine phyla/divisions and our interrelationship with the oceans.

SOCIAL STUDIES

COURSE: WORLD HISTORY
Semesters: 2
Credits: 1

COURSE NUMBER: 2109310
Grade Levels: 9

This course surveys historical development from prehistoric to modern times. Study skills are emphasized. These include note-taking, map and primary source interpretation, as well as critical thinking. World History encourages understanding and appreciation of a variety of cultures and makes students aware of basic political and social terminology from a historical perspective

COURSE: HONORS WORLD HISTORY
Semesters: 2
Credits: 1

COURSE NUMBER: 2109320
Prerequisites: 90th percentile on Placement test and "A" average in 8th grade English
Grade Levels: 9

This course is an alternative to the World History course. It emphasizes the variety of historical experience of different cultures and epochs. Ideas, personalities, and other historical developments are studied. In addition to the skills included in World History, additional emphasis is placed on essay writing. This offering is intended to be paired with Honors English 9.

COURSE: US HISTORY
Semesters: 2
Credits: 1

COURSE NUMBER: 2100310
Grade Level: 11

This course traces the development of our nation from its founding to the present. The influence of individuals, issues, institutions and movements is examined in order to provide students with an overview which should help them to put contemporary developments in historical context. This course builds on the skills developed in previous social studies courses.

COURSE: AP US HISTORY
Semesters: 2
Credits: 1

COURSE NUMBER: 2100330
Prerequisites: 3.5 gpa; at least one year of Honors English, at least 80th percentile in English section of the PSAT
Grade Levels: 11

This course emphasizes the variety of interpretations of critical developments in American history. It is designed to prepare the more ambitious student to succeed on the national AP test which is administered in May of each year. Students who enroll in this course must take this exam.

COURSE: US GOVERNMENT
Semesters: 1
Credits: .5

COURSE NUMBER: 2106310
Grade Levels: 12

This course presents basic concepts in American Government. Topics include the nature and origins of government, foundations of the American political system, the three branches of our government, and the constitutional protections enshrined in our Bill of Rights. It is constitutionally-based and includes those relevant developments which become news during its teaching. It continues to emphasize note-taking, as well as the interpretation of graphs and charts that were introduced in earlier social studies courses.

COURSE: AP US GOVERNMENT
Semesters: 2
Credits: 1

COURSE NUMBER: 2106420
Prerequisites: 3.5 gpa, at least 85th percentile in English section of PSAT and teacher recommendation
Grade Levels: 12

This course is an alternative to the regular American Government course. The objective will be to gain a deeper understanding of our nation's government, its political philosophy, and political behavior so as to be prepared for the national AP exam which is administered in May.

COURSE: ECONOMICS FIN LIT
Semesters: 1
Credits: .5

COURSE NUMBER: 2102335
Grade Levels: 12

This required course examines the basic concepts of macro- and micro-economics with an emphasis on those economic issues which seem most relevant at the time. It builds on those learning skills which were emphasized in earlier social studies courses.

COURSE: CONTEMPORARY HISTORY
Semesters: 2
Credits: 1

COURSE NUMBER: 2109350
Grade Levels: 10, 11, 12
Grade 10 requires teacher recommendation

Contemporary History is an elective course designed to focus on the major developments which have shaped contemporary America (1960-present). The role of the past in shaping present national attitudes and issues is emphasized. Economic, political and cultural developments are brought into historical focus.

COURSE: SOCIOLOGY**Semesters: 1****Credits: .5****COURSE NUMBER: 2108300****Grade Levels: 10, 11, 12**

Sociology is an elective course. This course acquaints students with the basic sociological theories. Social stratification, sexism, ageism, racism, and other social issues will be discussed. The class will examine the effects of social structure, practices, and institutions upon the individual in everyday life.

COURSE: PSYCHOLOGY**Semesters: 1****Credits: .5****COURSE NUMBER: 2107300****Grade Levels: 10, 11, 12**

This is a survey course of the major interpretations in the study of the mind. Theories of personality, the process by which people learn, and current trends and conflicts within the psychology profession are among the topics covered in this course.

THEOLOGY

Commencing at the freshman level in Theology, students will be well acquainted with the required materials for the period as indicated in the written procedures, which are also verbally reinforced. Primary items consist of a notebook, textbook, pen/pencil, agenda book, and loose-leaf paper. In order to effectively convey relevant course material, multiple learning strategies are employed. Instruction will take place according to various methods. These include, but are not limited to: lecture, discussion, cooperative learning, written reflection, and multimedia application. These are changed often with the aim to maximize student attention and interests as well as information retention.

Course: THEOLOGY 9A (Global Studies 1)**Semesters: 1****Credits: .5****COURSE NUMBER: 2104320****Grade Levels: 9****The Revelation of Jesus Christ in Scripture**

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible, they will come to encounter the living Word of God, Jesus Christ. In the course, they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

Course: THEOLOGY 9B (Global Studies II)
Semesters: 1
Credits: .5

COURSE NUMBER: 2104320
Grade Levels: 9

Who Is Jesus Christ?

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, and the Second Person of the Blessed Trinity. In this course, students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

Course: THEOLOGY 10A (Philosophy I)
Semesters: 1
Credits: .5

COURSE NUMBER: 2105340
Grade Levels: 10

The Mission of Jesus Christ (The Paschal Mystery)

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

Course: THEOLOGY 10B (Philosophy II)
Semesters: 1
Credits: .5

COURSE NUMBER: 2105915
Grade Levels: 10

Jesus Christ's Mission Continues in the Church

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church.

Course: THEOLOGY 11A (Ethics)
Semesters: 1
Credits: .5

COURSE NUMBER: 2105350
Grade Levels: 11

Morality - Life in Jesus Christ

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

Course: THEOLOGY 11B (Multicultural Studies)
Semesters: 1
Credits: .5

COURSE NUMBER: 2104600
Grade Levels: 11

Living as a Disciple of Jesus Christ in Society

The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission.

Course: WORLD RELIGIONS
Semesters: 1
Credits: .5

COURSE NUMBER: 2105310
Grade Levels: 12

Ecumenical and Interreligious Issues

The purpose of this course is to help the students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, the course is intended to help students to recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them to recognize the ways in which other systems of belief and practice differ from the Catholic faith.

Course: CHRISTIAN LIFESTYLES (Vocations)
Semesters: 1
Credits: .5

COURSE NUMBER:
Grade Levels: 12

Responding to the Call of Jesus Christ

The purpose of this course is to help students to understand the vocations of life: how Christ calls us to live. In this course, students should learn how all vocations are similar and how they differ. The course should be structured around married life, single life, priestly life, and consecrated life. Students should learn what it means to live life for the benefit of others and the value in considering a vocation in service to the Christian community.

COURSE: MINISTRY AND SPIRITUALITY
Semesters: 2
Credits: 1

COURSE NUMBER: 0800330
Prerequisites: teacher recom.
Grade Levels: 12

Personal, Social and Family Relationships

This two-semester course will provide an in-depth study of the leadership techniques on decision making, problem solving, meeting skills, communication, evaluation, team building, group dynamics and other roles of leadership within the context of Christian leadership and peer ministry. The course seeks to provide students with ways to further develop their spiritual life by training each to serve their peers and community through creating and organizing class retreats. Students will participate in skills such as public speaking, listening, group dynamics, and speech preparation, all necessary to be effective leaders. The course is by invitation only after applicants make their interest known via a written application.

OTHER COURSES

COURSE: LEARNING STRATEGIES

Semesters: 2

Credit: 1

COURSE NUMBER:

Pre-requisites: approved documentation, LS teacher approval

Grade Level: 9

Consult Service: 10,11,12

The purpose of this course is to provide students with the necessary skills to ensure academic growth and success throughout the school day.

Strategies such as maintaining an agenda, organization, goal setting, teacher/student conferencing, motivation, and self-advocacy are emphasized. High student accountability with performance management and teacher/parent contact are the emphases of this class.

To be eligible for enrollment in the Learning Strategies class, a student must have appropriate and current documentation indicating the need for special consideration. Appropriate and current documentation is defined as a written evaluation within three (3) years from the start of the current school year, and includes diagnostic test results from a licensed psychologist or other certified provider. *Additionally*, if a student has an Individualized Education Plan (IEP) or a 504 Plan from a previous school, it *must* be presented prior to enrollment in the LS Class and/or to receive accommodations. These evaluations/plans should initially be presented to a staff member in the Guidance Center, and will be reviewed by the school's LS Staff.

Please note that participation in this class does *not* reduce the required course material to be learned and assessed through the academic programs offered at CMHS. This course simply allows for necessary accommodations to ensure that a student is provided the opportunity to demonstrate success. **The curriculum at CMHS is *NOT* modified under any circumstances and remains a college preparatory facility.**

COURSE: ASSISTANTSHIP

Semesters: 1 or 2

Credits: .25 or .5

COURSE NUMBER:

Grade levels: 11, 12

Opportunities are available for students who wish to be of service to the school office, guidance, library, art or physical education departments or to individual faculty members. Students must be responsible and willing to use the time as they are directed. They must carry a full 6 credit load in addition to an assistantship. A contract will specify duties and responsibilities.