

COURSE DESCRIPTION GUIDE



2020 - 2021

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ART

COURSE: TWO-DIMENSIONAL STUDIO ART 1
Semesters: 2
Credit: 1

COURSE NUMBER: 0101300
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: TWO-DIMENSIONAL STUDIO ART 2
Semesters: 2
Credit: 1

COURSE NUMBER: 0101310
Prerequisites: 1 credit in Art
and teacher recommendation
Grade Levels: 10, 11, 12

This course is a continuation of Two-Dimensional Studio Art 1.

COURSE: TWO-DIMENSIONAL STUDIO ART 3 HONORS
Semesters: 2
Credits: 1

COURSE NUMBER: 0101320
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: PORTFOLIO DEVELOPMENT:
TWO-DIMENSIONAL DESIGN HONORS
Semesters: 2
Credit: 1

COURSE NUMBER: 0109320
Prerequisites: 2 years
CMCHS art classes 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 STUDIO ART:
TWO-DIMENSIONAL DESIGN INNOVATION
Semesters: 2
Credit: 1

COURSE NUMBER: 0109355
Prerequisites: Teacher
recommendation, 2 years
CMCHS art classes or
portfolio submission
Grade Levels: 11, 12

Studio Art students work with diverse media, styles, subjects, and content. Students create a portfolio of work to demonstrate the artistic skills and ideas they have developed over the course of the year.

COURSE: DIGITAL ART IMAGING 1
Semesters: 2
Credit: 1

COURSE NUMBER: 0108370
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. 3D Printing is also a part of this course.

COURSE: DIGITAL ART IMAGING 2
Semesters: 2

COURSE NUMBER: 0108380
Prerequisites: 2D Studio Art 1
or Digital Art Imaging 1,
and teacher recommendation
Grade Levels: 11, 12

Continuation of Digital Art Imaging using Adobe Illustrator, InDesign and Photoshop. 3D Printing is covered.

COURSE: DIGITAL ART IMAGING 3 HONORS
Semesters: 2

COURSE NUMBER: 0108390
Prerequisite: Digital Art
Imaging 2

Credits: 1

Grade Levels: 12

Continuation of Digital Art Imaging with a more in-depth study of Adobe Photoshop. 3 D Printing will also be covered.

BUSINESS/COMPUTER SCIENCE

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

COURSE NUMBER: 8208110
Grade Levels: 9, 10

Computing is so fundamental to participating in society that it is valuable for every student to learn. This introduction to computer-based game and simulation concepts (and careers) along with basic design practice allows students to be curious, solve personally and relevant problems and to express themselves through creation. The 2nd semester project is to develop a playable video game!

COURSE: DIGITAL INFORMATION TECHNOLOGY
Semesters: 2
Credits: 1

COURSE NUMBER: 8207310
Grade Levels: 10, 11, 12

A comprehensive course in computing to help students succeed in our digital age, and beyond! Hands-on interactions with desktop and mobile-device hardware, software, and productivity applications are emphasized. Microsoft Office, Apple, and Google word processing, spreadsheets, and presentation software are featured for class projects.

COURSE: FOUNDATIONS OF PROGRAMMING
Semesters: 2
Credits: 1

COURSE NUMBER: 9007210
Grade Levels: 10, 11, 12

This course challenges students with little or no experience in coding to explore how computing and technology can impact the world. Programming skills are introduced through a variety of object-oriented development environments. An emphasis on the popular Java Programming Language (Oracle) helps prepare students for AP Computer Science.

COURSE: WEB DESIGN
Semesters: 2
Credits: 1

COURSE NUMBER: 8207110
Prerequisite: Writing ability
Grade Levels: 10, 11, 12

Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. Video, audio, image, and text-editing software are used in order to customize content for the Cardinal Mooney website. Develop valuable website content management skills as you report on school-wide events.

SAINT LEO UNIVERSITY AND UNIVERSITY OF SOUTH FLORIDA DUAL ENROLLMENT PROGRAMS

Courses will be offered through the Saint Leo University Online or University of South Florida Online or On-Campus (after CMHS hours) Dual Enrollment program. Students will earn both high school and college credit for each of these courses.

Saint Leo Admission Requirements: Juniors: 3.7 GPA; Seniors: 3.3 GPA. The cost per course is \$375.00 (plus books, if applicable). The check should be made payable to Cardinal Mooney High School.

University of South Florida Admission Requirements: Juniors & Seniors: 3.5 cumulative weighted high school GPA*. The GPA will be re-calculated by USF only taking into consideration courses in English, mathematics, science, foreign language, and social studies. As calculated by USF, honors classes will receive an additional weight of 0.5 and AP, AICE, IB and college courses will receive an additional weight of 1.0. Minimum standardized test scores: 560 on SAT Critical Reading and 530 on SAT Math; 21 on ACT Reading and 21 on ACT Mathematics. The cost per credit hour is \$105.07 (plus books and fees).

Students will work independently in the Media Center during one class period each day. The courses are administered by Saint Leo or University of South Florida. Grading is at the discretion of the University and Cardinal Mooney may not intervene. It is the student's responsibility to complete work in a timely manner and maintain good standing in the course. Dual enrollment courses start the student's college transcript, and it is critical that a student does not earn a low grade as it may negatively impact their college acceptance. Courses are offered by 9 weeks or semester.

For course information and registration, see Ms. Lewis in the guidance office. The Fall 2020 registration packets will be available soon and there will be a meeting regarding these programs.

ENGLISH

COURSE: ENGLISH 1**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, 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 1**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 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: ENGLISH 2**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 content includes the mechanics of the English language, active reading of varied texts, writing for different purposes, and an extensive vocabulary study designed to extend the students’ appreciation of language and proficiency in its use. Various types of literature and informational texts from several literary periods are studied, enabling students to form a critical sense of the power and impact of language.

COURSE: HONORS ENGLISH 2**Semesters: 2****Credits: 1****COURSE NUMBER: 1001350****Prerequisite: At least an 80% in Honors English 1, at least a 93% in English 1, 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 3
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: HONORS ENGLISH 3
Semesters: 2
Credits: 1

COURSE NUMBER: 1001380
At least an 80% in H Eng 2 or a 93% in Eng 2. No exam grade below a C in Eng 2 or H Eng 2. Recommendation of English 2 teacher

This course provides a comprehensive survey of American literature. An in-depth study of the themes and genres builds students' understanding of political, social, historical, and cultural aspects in America as reflected in its literature. Students engage in an intensive study of grammar, standardized test-taking skills, and vocabulary. Writing instruction includes frequent practice in writing multiple paragraph essays in a variety of types including literary analysis and a fully documented research paper.

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

COURSE NUMBER: 1001420
Prerequisites: At least a 93% in Honors Eng 2, no grade below a "C" on Semester exams, and recommendation of 10th grade English teacher
Grade Level: 11

This introductory college-level composition 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 reading cultivate their understanding of rhetorical arguments as students explore topics such as the rhetorical situation, claims and evidence, reasoning and organization, and style. Students will become aware of the interactions among a writer's purpose, audience, and subject, as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The AP exam is taken in May for possible college credit.

COURSE: ENGLISH 4
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: HONORS ENGLISH 4
Semesters: 2
Credits: 1

COURSE NUMBER: 1001410
Pre-requisites: At least an 80% in H Eng 3 or a 93% in Eng 3. No exam grade below a C in Eng Exam. Recommendation of English 3 teacher

This course delves into British literature, focusing on the ancestral pieces of English literature as well as more modern classics. Students will have a deeper understanding of the development of the English language, culture, and literature over time. Writing assignments will be geared towards final preparations for college, with an emphasis on frequent expository and persuasive writing as well as research and analysis. Vocabulary enrichment, critical thinking, and advanced grammar study are an integral part of the curriculum throughout the year.

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

COURSE NUMBER: 1001430
Prerequisites: At least an 80% in AP English Language, at least a 93% in Honors Eng 3, no grade below a "C" on semester exams, and recommendation of 11th grade English teacher
Grade Level: 12

This college level course engages students in careful reading and critical analysis of literature. Through the close reading of selected texts, students will deepen their understanding of the ways in which writers use language to create meaning. They will learn to consider a work's structure, style, and themes, as well as smaller-scale elements such as the use of figurative language, imagery, symbolism, and tone. These skills will be developed through frequent timed writings, polished out-of-class compositions, research papers, and the study of structural grammar and word origins. Students will 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 ability to write creatively in a variety of forms and genres. These forms include various forms of poetry, personal essays, short stories, one-act plays, screenplays, and fairy tales. 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 1
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: JOURNALISM 1 & 2/YEARBOOK
Semesters: 2 per course
Credits: 1

**COURSE NUMBER: 1006300/
1066310**
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 1
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 Spanish speaking countries is introduced and explored.

COURSE: HONORS SPANISH 1
Semesters: 2
Credits: 1

COURSE NUMBER: 0708800
Prerequisite: Testing
Grade Levels: 9

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

COURSE: SPANISH 2
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 countries is studied.

COURSE: HONORS SPANISH 2
Semesters: 2
Credits: 1

COURSE NUMBER:0708810
Prerequisite: “B” or higher in Honors Spanish I or “A” in Spanish I, recommendation from teacher and a “B” or higher in semester and final exams
Grade Levels: 9,10,11,12

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

COURSE: HONORS SPANISH 3
Semesters: 2
Credits: 1

COURSE NUMBER: 0708820
Prerequisites: “B” in Honors Spanish II or “A” in Span II, teacher recommendation and a “B” or higher in semester and final exams
Grade Levels: 11, 12

The competitive college applicant must strongly consider including the study of a third year of a world language. Students in this course will continue to advance their writing, reading, listening and speaking skills in Spanish at an accelerated pace. Students will analyze literature and other multiple genres that will enable them to apply all learned concepts and at the same time, continue to expose them to aspects of Hispanic culture. This course will prepare students to move on to an AP Spanish.

COURSE: AP SPANISH LANGUAGE AND CULTURE
Semesters: 2
Credits: 1

COURSE NUMBER: 0708400
Prerequisites: “A” in H Spanish III
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 1A
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 1B
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 1
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 2**Semester: 2****Credits: 1****COURSE NUMBER: 1200330****Prerequisites:****Geometry****Grade levels: 10, 11, 12**

The purpose of this course is to further develop students' knowledge and skillset involving linear, quadratic, and exponential functions, as well as extend their repertoire of functions to include polynomial, rational, and radical functions. Students will work closely with the expressions and key features that define each function. They will continue to expand and hone their abilities to model situations and solve equations, including quadratic equations over the set of complex numbers and exponential equations that involve the properties of logarithms. Topics include, but are not limited to, the review and extension of the structure and properties of the real number system; relations, functions and their graphs; systems of equations and inequalities; polynomial and rational expressions; quadratic and polynomial equations; complex numbers; rational and radical equations; rational exponents; logarithms; data analysis; and permutations, combinations, and probability.

COURSE: FINANCIAL ALGEBRA**Semesters: 2****Credits: 1****COURSE NUMBER: 1200387****Pre-Requisite: Completion
Algebra II and teacher
recommendation****Grade Level: 12**

This course is targeted for students who need additional instruction in content to prepare them for success in upper-level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Algebra, Geometry, Number and Quantity, and Statistics, and the Florida Standards for High School Modeling. The course also includes Financial Literacy Standards.

**COURSE: INTRO MATHEMATICS FOR
COLLEGE ALGEBRA READINESS****Semesters: 2****Credits: 1****COURSE NUMBER: 1200700****Pre-requisite: "C" in Alg II or
teacher recommendation****Grade Levels: 11, 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: ADVANCED TOPICS IN COLLEGE ALGEBRA**Semesters: 2****Credits: 1****CRS NUMBER: 1298310****Pre-requisite: Completion of
Algebra II with a "B" or
above.****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 1
Semesters: 2
Credits: 1

COURSE NUMBER: 1200320
Pre-requisites
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
Pre-requisite
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 2
Semesters: 2
Credits: 1

COURSE NUMBER: 12000340
Pre-requisite:
H Geometry > 70%
1st & 2nd Sem Exams >70%
Teacher Recommendation

Grade Levels: 9, 10, 11

The purpose of this course is to further develop students' knowledge and skillset involving linear, quadratic, and exponential functions, as well as extend their repertoire of functions to include polynomial, rational, radical, and trigonometric functions. Students will work closely with the expressions and key features that define each function. They will continue to expand and hone their abilities to model situations and solve equations, including quadratic and polynomial equations over the set of complex numbers and exponential equations that involve the properties of logarithms. Topics include, but are not limited to, the review and extension of the structure and properties of the real number system; relations, functions and their graphs; first-degree equations in one and two variables solved algebraically and graphically; polynomial and rational expressions; quadratic and polynomial equations; complex numbers; rational and radical equations; rational exponents; logarithms; sequences and series; and trigonometric functions and the unit circle. Coursework will prepare students for advanced mathematics courses, such as Honors Pre-Calculus and AP Calculus.

COURSE: HONORS PRE-CALCULUS

Semesters: 2

Credits: 1

COURSE NUMBER: 1202340

Pre-requisite:

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

Pre-requisite

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
Pre-requisite
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 1, 2, Honors 5 & 6
Semesters: 2
Credits: 1

COURSE NUMBER:
1302300, 132310, 1302340
1302350
Pre-requisites: 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: GUITAR 1
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 2
Semesters: 2
Credits: 1

COURSE NUMBER:
11301330
Grade Levels: 10, 11, 12
Pre-requisite: 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: ORCHESTRA 1, 2, Honors 5 & 6
Semesters: 2
Credits: 1

COURSE NUMBER: 1302360,
1302370, 1302400, 1302410
Grade Levels: 9, 10, 11, 12

Open to all high school students who are interested in playing a **string instrument**. Orchestra 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: INSTRUMENTAL (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: MUSIC THEORY 1
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
Pre-requisite: 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
Pre-requisites: “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 1, 2

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: WEIGHT TRAINING 1, 2, 3

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.

COURSE: CARE/PREVENTION ATHLETIC INJURIES

Semesters: 1

Credits: .5

COURSE NUMBER: 1502490

Grade Levels: 10, 11, 12

**Pre-requisite: Teacher
recommendation**

This course is a study of the prevention, care and treatment of athletic injuries resulting from activities in the home, recreation, intramural and extramural settings. It will cover the identification of injuries, proper treatment after they occur, and preventative measures. Students learn how to create a safe environment for athletes. There is a practical application component required for this course.

SCIENCE

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

COURSE: BIOLOGY 1
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 1
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
Pre-requisite: "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: 2003310
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 1
Semesters: 2
Credits: 1

COURSE NUMBER: 2003340
Pre-requisite: 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 1
Semesters: 2
Credits: 1

COURSE NUMBER: 2003350
Pre-requisite: "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
Pre-requisites: "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 must be taken in May in order to receive credit for the course.

COURSE: PHYSICS 1
Semesters: 2
Credits: 1

COURSE NUMBER: 2003380
Pre-requisites: "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.

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 PHYSICS 1
Semesters: 2
Credits: 1

COURSE NUMBER: 2003421
Pre-requisite: B in H
Chemistry; B in H Algebra 2;
A in Chemistry; A in
Algebra 2
Grade Levels: 11, 12

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity and hands-on, inquiry based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. AP Physics 1 is an inquiry-based rigorous, mathematical class that requires independent study for the self-motivated student. Students will take an AP exam in the spring. A summer assignment is due the first day of the course – see instructor.

COURSE: AP ENVIRONMENTAL SCIENCE
Semesters: 2
Credits: 1

COURSE NUMBER: 2001380
Pre-requisite: 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: 2000350
Pre-requisites: “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: HONORS ANATOMY AND PHYSIOLOGY
Semesters: 2
Credits: 1

COURSE NUMBER: 2000360
Pre-requisites: “A” average in
Biology I and Chemistry I or
“B” or higher in Honors
Biology and Honors
Chemistry.
Grade Levels: 11, 12

The purpose of this course is to provide students with rigorous study of the structure, function, and interrelationships of the systems of the human body. There is a greater stress on the physiological aspects of

each system in their relationships with the anatomical structures. Laboratory investigations, dissections, and activities for selected topics are included. This course has a writing emphasis.

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

COURSE NUMBER: 2001310
Pre-requisite: 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 1
Semesters: 2
Credits: 1

COURSE NUMBER: 2002500
Pre-requisites: "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 through modern history. 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
Pre-requisites: 90th percentile on Placement test and "A" average in 8th grade English
Grade Levels: 9

Honors World History 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: AP WORLD HISTORY: MODERN
Semesters: 2
Credits: 1

COURSE NUMBER: 2109420
Grade Levels: 10, 11, 12

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation

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
Pre-requisites: 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
Semester: 1
Credits: .5

COURSE NUMBER: 2106420
Grade Levels: 12
Pre-requisites: "B" in AP US History, "A" in Honors US History, recommendation by most recent History teacher.

AP US Government and Politics provides students a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and

other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior.

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: 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.

COURSE: AP PSYCHOLOGY
Semesters: 2
Credits: 1

COURSE NUMBER: 2107350
Pre-requisites:
Recommendation by most
recent History and/or English
teacher
Grade Levels: 10, 11, 12

AP Psychology introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology.

COURSE: AP HUMAN GEOGRAPHY
Semesters: 2
Credits: 1

COURSE NUMBER: 2103400
Pre-requisites: 9th Grade –
90th percentile in placement
composite score. Grade of
“A” in 8th grade English. 10,
11 and 12 – Recommendation
by most recent History and/or
English Teacher
Grade Levels: 9, 10, 11, 12

AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its consequences throughout ancient history.

COURSE: AP MACROECONOMICS
Semesters: 1
Credits: .5

COURSE NUMBER: 2102370
Pre-requisites: "B" in AP US History, "A" in Honors US History, recommendation by most recent Mathematics and or History teacher
Grade Levels: 12

AP Macroeconomics introduces students to a college-level course that focuses on the principles that apply to an economic system as a whole. The course emphasizes these principals through the analysis of global and domestic economics and the use of differentiated analysis tools to explain fundamental economic concepts.

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 I)
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 rec.
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.

AP CAPSTONE

AP Capstone is a diploma program from the College Board. It's based on two yearlong AP courses: AP Seminar and AP Research. Rather than teaching subject-specific content, these courses develop students' skills in research, analysis, evidence-based arguments, collaboration, writing, and presenting. Students who complete the two-year program can earn one of two different AP Capstone awards, which are valued by colleges across the United States and around the world. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate.

COURSE: AP SEMINAR

Semesters: 2

Credits: 1

COURSE NUMBER: 1700500

Prerequisites:

Recommendation of 10th grade

English teacher

Grade Levels: 11

AP Seminar, the first course in the AP Capstone experience, is an inquiry-based course that aims to engage students in cross-curricular conversations that explore real-world topics and issues from multiple perspectives. Students are empowered to collect and analyze information with accuracy and precision in order to craft and communicate evidence-based arguments. College credit will be awarded to students who earn a score of three or above on two through-course assessments (each assessment includes a research paper and a multimedia presentation) and the end-of-course exam in May.

COURSE: AP RESEARCH

Semesters: 2

Credits: 1

COURSE NUMBER: 1700510

**Prerequisites: Successful
completion of AP Seminar**

Grade Levels: 12

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect and document their processes and development, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper and a presentation and oral defense.

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.