



Bishop Moore Catholic

HIGH SCHOOL

CURRICULUM GUIDE 2023-2024

www.bishopmoore.org

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VISION STATEMENT

Guided by our Catholic tradition, Bishop Moore Catholic High School students will develop personally, spiritually, and intellectually to achieve their potential as individuals and leaders within a global society.

MISSION STATEMENT

The mission of Bishop Moore Catholic High School is to provide the highest quality, affordable secondary education based upon the Gospel message and Roman Catholic teachings. This is accomplished in a Christ-centered environment stressing academic excellence, spiritual growth, personal integrity, community involvement, athletic development, and cultural appreciation.

FACTS IN BRIEF

- SCHOOL CODE:** 101285
- ENROLLMENT:** Over 1400 students in grades 9-12
Co-educational student/teacher ratio 13:1
- FACULTY:** 100 full-time faculty
- AFFILIATION:** Diocese of Orlando
National Catholic Educational Association
Member of College Board
Florida High School Athletic Association
- ACCREDITATION:** Cognia and FCC
- CURRICULUM:** Academic Offerings – Standard Level, Honors Level, Advanced Placement, and Dual Enrollment
- CLUBS:** Full complement of clubs and student organizations including: Hornet House of Representatives, honor societies, service organizations and social clubs
- ATHLETICS:** 48 teams compete in FHSAA programs and sports

GRADUATION REQUIREMENTS

To receive a Bishop Moore Catholic High School diploma, students must have achieved a minimum cumulative GPA of 2.0, earned 26 credits (class of 2024)/28 credits (classes of 2025 - 2027) credits, and met all BMC mandatory course requirements. In addition to the credits listed below, students are required to complete 25 hours of community service per year of attendance at BMC. All community service hours must be logged electronically with BMC by the student.

SUBJECT	CREDITS
Religion	4
English	4
Math Algebra 1 * Geometry* Algebra 2*	4
Social Studies World History* United States History* Government/Economics*	3
Science Biology* Chemistry* (Classes of 2026 and 2027)	3
Practical/Performing/Fine Art	1
H.O.P.E.	1
Electives	8
Total	28

*Required courses

**Required to be completed in Freshman and Sophomore year

Disclaimer: The Class of **2024** will need to have **26 credits** to graduate (of which **5 electives**).

GENERAL ACADEMIC REQUIREMENTS

TECHNOLOGY REQUIREMENTS

All students are required to have an iPad. The recommendation is to purchase the most recently released iPad version with the most recent iOS. It is recommended to have 128 GB of memory, as users of other versions may experience some limitations.

INFORMATION PORTALS - PARENT & STUDENT

Parents/students are provided with login information to access student academic information at the beginning of the school year. Due to the fact that the portals are not integrated systems, each will have its own login information. Parents and students must use their own login information when accessing the portals.

Student User ID and Password - will be used to gain access to Schoology, FACTS, and Naviance. This also will be used for students to gain access to the school WiFi when they have to complete the Network Authentication.

COURSE SPECIFIC INFORMATION - SCHOOLOGY

Schoology provides course-specific information, such as assignments, rubrics, exam study guides, and general course information.

STUDENT GRADES - FACTS/RENWEB

FACTS is a tool that gives students/parents/guardians secure online access to academic information, including grades, teacher notes, and report cards. This service allows parents and students to check academic progress on demand. Since parents and students have the ability to check FACTS, academic progress, attendance, and conduct reports will not be sent home. The only reports that will be mailed home are the PSAT/PreACT results.

COURSE SELECTION PROCESS

Course Selection is considered to be a contract between the student and the school. Course selections determine the schedule for the following school year.

It is imperative that students be fully prepared to attend the one-on-one course selection meeting with their counselor. Students must have researched options and college admission requirements, having identified personal interests, and having completed the course selection plan of study on FACTS.

Current students: Course selection for the following school year will be completed during the Spring Semester. Students are asked to complete the course selection plan of study on FACTS. This will allow the students to submit preferred courses for the upcoming school year for the School Counseling Office and parent approval. The school counselors will verify that students have met all course prerequisites.

Incoming ninth grade students: Once a student is enrolled at BMC, information will be sent to each family to schedule an appointment to select courses for the 9th grade year. Courses are selected based on stated prerequisites.

NON-BISHOP MOORE COURSE WORK

High school courses taken in middle school will not be calculated into the student's Bishop Moore Catholic High School GPA and will not count towards required credits for graduation. They will be placed on the student's transcript and denoted with a # next to the earned grade.

PLACEMENT IN COURSES

For 9th grade, course placement is determined by percentile ranks on standardized exams, placement tests, and grades. A letter of recommendation from the prior school and/or instructors is not required. To retain course placement throughout the school year, the student must maintain the grade requirement (See Honors Courses and AP Courses). Parents and students are encouraged to check FACTS frequently to monitor grades and teacher notes.

Tenth-twelfth grade placement is determined by completion of previous course prerequisites, appropriate standardized test scores, and grades. Students and parents should not approach teachers regarding retaining placement. Parents and students are encouraged to check FACTS frequently to monitor grades and teacher notes.

HONORS COURSES

Honors courses are offered in mathematics, science, English, social studies, world languages, and some electives. To qualify for placement in honors courses, there is a required grade average in a subject and a score in a designated percentile rank on standardized exams.

For honors placement, students must score a 510 or above on the PSAT/SAT reading/math or a 19 or above on the PreACT/ACT and have a minimum of an "A" average in current year standard course or a minimum of a "B" average in current year honors course.

Incoming 9th grade students must score in the 65th percentile or above on a math and/or reading standardized test or entrance exam and an A in Algebra 1, along with scoring an 85 or above on the Diocesan Algebra 1 Proficiency Exam for **Geometry Honors** placement.

Honors courses carry a weighted designation. Prerequisites may vary, but all honors-level courses consider maturity level, self-discipline and self-motivation as characteristics students must possess in order to be placed.

ADVANCED PLACEMENT COURSES

ADVANCED PLACEMENT COURSE OFFERINGS

AP 2-D Art & Design	AP English Literature and Composition	AP Physics 2
AP 3-D Art & Design	AP Environmental Science	AP Psychology
AP Art History	AP European History	AP Spanish Language
AP Biology	AP French Language	AP Spanish Literature
AP Calculus AB	AP Human Geography	AP Statistics
AP Calculus BC	AP Latin	AP United States Government
AP Chemistry	AP Microeconomics	AP United States History
AP Computer Science A	AP Macroeconomics	AP World History
AP Computer Science Principles	AP Music Theory	AP Comparative
AP English Language and Composition	AP Physics 1	Government & Politics

Advanced Placement courses are college-level courses which are taken on the Bishop Moore Catholic High School campus. For AP course placement, students must score a 550 or above on the PSAT/SAT reading/math or a 25 or above on the PreACT/ACT reading/math and have an "A" average in the current honors course/or a minimum of "B" average in current year AP course.

Incoming 9th grade students must score in the 90th percentile or above on the standardized testing or entrance exam on the reading or social studies section and an "A" in current year social studies course for AP Human Geography placement.

Students enrolled in Advanced Placement courses are required to pay and to sit for the end-of-course exam. The College Board determines exam fees and designs the exams. College credit may be awarded depending upon the score the student earns and the college or university a student attends. A summer assignment is required for all AP courses. Summer assignments are posted on the Bishop Moore Catholic High School Website or Schoology and will be due the first day of class in August. Failure to complete the summer assignment is not grounds for a change of schedule. If a student does not take the exam, honors credit is awarded. Invoices are sent to parents in the fall semester of enrolled students; full payment is due in December prior to students sitting for AP exams. Parents with students taking a number of AP exams should be prepared early for the amount due. A cancellation fee is charged by the College Board for any student who registers and is unable to take a scheduled exam.

DUAL ENROLLMENT COURSES

The Dual Enrollment program allows students to earn both high school and college credit while attending college-level courses through Barry University and Embry-Riddle Aeronautical University. This program is an opportunity to take challenging courses that become a part of a student's permanent college transcript and permanent post-secondary grade point average (GPA). There will be a fee for each Dual Enrollment course as determined by each University. The Dual Enrollment course guidelines require students to meet eligibility to enroll in the courses. Students enrolled will be expected to comply with the respective university policies. Dual Enrollment courses will carry a full 1.0 added weight value for A/B/C grades over the non-weighted grades. Students participating in dual enrollment options must have and sustain a 3.0 unweighted high school GPA.

Students who complete a Dual Enrollment course will need to order their transcript from Barry University and/or Embry-Riddle University to be sent to every college to which they apply. These credits will transfer based on individual university guidelines and the program the student enrolls in.

APPEAL PROCESS

If students do not earn placement in an AP or honors course they believe they are capable of completing, the student may request from the School Counseling Office an appeal form. Once completed, the form must be submitted to the School Counseling Office. Based on the information provided by both student and teacher, standardized test scores, grades, and other supporting material, administration will make a final decision.

SUMMER READING ASSIGNMENTS

Summer reading will be assigned for all students.

SCHEDULE CHANGES

Students are expected to remain in a course for its duration. Schedule change requests must be submitted within the first 5 school days of the term and not all requests are approved.

Schedule change requests will only be considered if one of these conditions are met:

- The student is a senior and the course to be added is needed for graduation.
- Computer error
- The student has earned that credit previously.
- The student failed to meet prerequisites.
- There is an open class time on the schedule beyond an independent study.

Level Changes - Students needing a level change at the beginning of the school year must submit the request in writing to the School Counseling Department by the end of the 2nd week of school. Any level change request after that time must be approved by School Counseling. Additional textbook fees may be incurred with a schedule change.

ACADEMIC SUPPORT SERVICES

Academic Support uses a team approach to ensure students are provided with opportunities that support success. This program is designed to provide support for all students including those with learning challenges and identified as having exceptional student needs. Available support includes elective courses for learning strategies and academic support teachers in specific English, math, and science classes. Academic support teachers and peer tutors are also available in the Academic Support Center after school. Academic Support Plans, indicating accommodations, are written for students with documented disabilities. Possible accommodations include access to a testing center, extended time for testing, preferential seating, and assistance with note-taking.

ACADEMIC PROBATION

Students who are unable to demonstrate adequate academic progress are placed on Academic Probation. This contract establishes a plan to assist the student and to impress upon the student the need for academic improvement. If any of the following conditions exist, a student is placed on Academic Probation:

- The student has failed two or more courses during any semester.
- The student has a cumulative GPA below 2.0.

Students who are placed on Academic Probation are expected to comply with the actions listed below. Failure to comply with the expectations established to assist the students in achieving success may jeopardize the students' ability to remain students at Bishop Moore Catholic High School.

- Sign an Academic Probation contract
- Attend bi-weekly or weekly meeting with a school counselor, Director of Academic Support, or other staff member as deemed necessary
- Attend 9th hour/Student Success Center as scheduled
- Complete/comply with other expectations that will assist in helping the student improve

NOTE: For students on Academic Probation, participation in extracurricular activities, including athletics, may be limited or denied.

GRADE FORGIVENESS POLICY:

Each student may use grade forgiveness for a maximum of three total credits for grades 9-12. Only "D's and F's" will be eligible for grade forgiveness. Students must meet with their school counselor to discuss taking courses for grade forgiveness prior to enrolling in the courses. **All courses for grade forgiveness must be made up within a semester.** All forgiven courses and grades must be included on a student's transcript as an accurate reflection of the student's record of achievement. The new grade will be averaged into the cumulative GPA. **Students not completing grade forgiveness by the specified deadline will be placed on academic probation.**

Incomplete Grades:

A student's work that is incomplete at the end of a grading period must be completed by the end of the 2nd week of the next grading period unless other arrangements have been made with the s respective school counselor and approved by the Administration. After the 2nd week, any incomplete grades will be averaged.

FLORIDA VIRTUAL SCHOOL

Approval for courses taken on FLVS comes from the student's school counselor prior to enrollment. Students cannot take courses for advancement that are offered at Bishop Moore Catholic. Verification of eligibility for FLVS must be verified by the parent if the student receives funding from state scholarships. Registration information will be provided by the School Counseling Office. If students are interested in retaking courses for grade forgiveness, they should refer to the policy in the BMC Student Handbook and speak directly with their school counselor.

GRADING SCALE/CLASS RANK

Bishop Moore Catholic High School does not rank students. Honors courses will carry a .5 in added weight value for A/B/C grades. Advanced Placement and Dual Enrollment courses will carry 1.0 in added weight value for A/B/C grades.

MOORE ACADEMIC SCHOLARS (HONOR) DIPLOMA

To graduate with a Moore Academic Scholars diploma, each student must satisfy the following requirements:

Total Credits Earned	26 credits (Class of 2025 and beyond will need 28 credits)
Number of Honors/AP Courses	16 honors and/or APs (to include 4 AP courses, 2 of which must be senior year)
Math Courses	4 including Pre-Calculus
Science Courses	4 including Biology, Chemistry, and 2 more at the honors/AP level
World Language Courses	4 in the same language or through the AP course
GPA	3.8 cumulative weighted
Grade	No semester grade of D or F

Any exceptions to these requirements for transfer students must be approved prior to the end of junior year.

TRANSCRIPTS

The School Counseling Office must have a Transcript Release Permission Form on file signed by a parent/guardian in order to release transcripts. A final transcript will only be sent once all student financial obligations have been met, and the student has ordered the transcript through Parchment.

STANDARDIZED TESTING

Students complete standardized exams during the school day at BMCHS for each of their first three years to include PSAT, PreACT, and ACT.

Students who have psycho-educational documentation on file may be eligible for accommodations on the PSAT, SAT, ACT, and AP exams. Accommodations for extra time, larger print, readers, computer use, or other accommodations must be granted by the College Board and ACT services after students have applied for them. Students must make an appointment with their school counselor to discuss standardized testing accommodations. (Note: Obtaining approval for accommodations may take several months depending on the student's situation. Planning well in advance is critical.)

COLLEGE PLANNING

College planning begins when the student enters 9th grade. It is the expectation of both the school and families that each student will be preparing for college upon admittance to Bishop Moore Catholic High School. Colleges and of the college or university they may be considering. It is important that this be kept in mind when selecting courses throughout high school. Students should select challenging courses based upon ability and prior academic performance. As stated in this guide and in the Parent & Student Handbooks, it is the responsibility of the students and their parents to become familiar with the number of academic credits, GPA, SAT scores and ACT scores required for entrance into colleges and universities. The College and Career Center and the School Counseling Office provide opportunities for parents and students to become aware of the best way to prepare for college. Refer to the school calendar to plan on attending the evening sessions for parents.

NAVIANCE STUDENT

Naviance Student is a comprehensive website that students and parents can use to help in making decisions about colleges, scholarships, and careers. The platform allows for gathering information related to college admissions and the application process, college search tools, career planning tools, scholarship searches, and pre-college summer programs. Sophomores, juniors, and seniors will also be able to schedule appointments with college representatives visiting Bishop Moore Catholic High School in the fall term. Parents and students can locate updated information via posted messages as well as the links "from my school." They are accessed by clicking on Naviance Student on the School Counseling Office website found on www.bishopmoore.org. Parents and students can sign in by using the same login as FACTS.

FLORIDA BRIGHT FUTURES SCHOLARSHIP PROGRAM

The Florida Bright Futures Scholarship Program has specific GPA, core course, weighting, test score, and community service requirements that are subject to annual change by the Florida Legislature. For the most up-to-date information as it applies to students, please consult the website at <http://www.floridastudentfinancialaid.org/ssfad/bf/>

FLORIDA HIGH SCHOOL ATHLETIC ASSOCIATION AND NCAA ELIGIBILITY

Bishop Moore Catholic High School is a member of the Florida High School Athletic Association (FHSAA). The FHSAA has established eligibility rules and policies for participation in interscholastic athletics. All BMC students must satisfy these requirements to take part in any interscholastic event. BMC conforms to all FHSAA bylaws, policies, and procedures as documented in their manual. Some of the guidelines for participation which relate to grades are listed below:

- A student must have a cumulative high school grade point average of 2.0 or above (on a 4.0 unweighted scale or its equivalent in all courses taken that are required by Florida Statutes) at the conclusion of each semester to be eligible for the following semester.
- A student whose cumulative grade point average is below 2.0 on a 4.0 unweighted scale or its equivalent (in all courses required by Florida Statutes at the conclusion of a semester) shall not be eligible during the following semester.
- Transfer students must contact the Athletic Office for eligibility and transfer guidelines before participation in any athletic practice or competition.
- Please note that an official transcript must be received by Bishop Moore Catholic BEFORE the student is eligible for participation. Please contact the Athletic Office for all rules and regulations.

NCAA ELIGIBILITY

For student athletes seeking to play a sport at any NCAA Division 1 or 2 university, he or she must register and be certified by the NCAA Eligibility Center (formerly the Initial-Eligibility Clearing house). All high school student-athletes should be aware of and understand the NCAA Eligibility Center Rules.

The Eligibility Center sets NCAA minimum eligibility standards for incoming freshman student-athletes and determines whether or not they have met those standards. To play at any NCAA Division 1 or 2 university students MUST register with the Eligibility Center, meet all Eligibility Center requirements, and be certified by the Eligibility Center.

The standards issued by the Eligibility Center are slightly different for Division 1 and Division 2 but are based on the same four principles:

1. You must graduate from high school.
2. You must successfully complete all 16 core courses.
 - a. Four years of English
 - b. Three years of math (Algebra 1 or higher)
 - c. Two years of natural/physical science (including one year of lab science if your high school offers it)
 - d. One additional year of English, math or natural/physical science
 - e. Two years of social science
 - f. Four additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy
3. Complete 10 core courses, including seven in English, math or natural/physical science, before your seventh semester. Once you begin your seventh semester, you may not repeat or replace any of those 10 courses to improve your core-course GPA.
4. You must have a minimum 2.0 GPA in core courses.
5. You must have a minimum qualifying score on the ACT or SAT.

NCAA ELIGIBILITY

Core courses are the foundation of the Eligibility Center's standards. A core course is any course at the high school that has been reviewed and approved by the NCAA as a course that meets their academic standards.

A student's core course GPA is not the same as the high school GPA. The high school GPA includes all of the courses taken (whether or not they are NCAA approved core courses) and uses your school's grade point system. Your core course GPA is calculated using ONLY the core courses completed and uses the NCAA's "quality points" system.

Review the student's core course GPA with their school counselor, coach, and Athletic Office staff to get an accurate calculation. Students will have access to all the current NCAA guidelines and can receive updates automatically.

SAT/ACT test score requirements vary between Division 1 and Division 2. For Division 2, the test score requirements are the same for every student, regardless of GPA. To meet Division 2 requirements, students must achieve at least 820 on the SAT or a sum score of 68 on the ACT.

For Division 1, a sliding scale is used based on core course GPA. The higher the GPA, the lower the test scores need to be to qualify. Test scores will be calculated using the math and verbal subsections of the SAT and the sum of the math, science, English and reading subsections of the ACT. The writing component of the ACT or SAT will not be used to determine one's qualifying status. Download the document "Guide for the College-Bound Student-Athlete" from the Eligibility website for more information. Register with the Eligibility Center at the beginning of junior year in high school. For all official forms and registration materials visit the NCAA Eligibility Center website or contact them at the address and phone listed below.

NCAA Eligibility Center

NCAA Eligibility Center

P.O. Box 7136

Indianapolis, IN 46207

(877) 262-1492 + (317) 223-0700

Call Center Hours: 8:00am-6:00pm EST Mon-Fri

www.eligibilitycenter.org or

https://www.nationalscholastic.org/ncaa_clearing_house

Religion Core

Course 1

INTRODUCTION TO CHRISTOLOGY and
OLD TESTAMENT

Course 2

NEW TESTAMENT and CHURCH HISTORY

Course 3

CATHOLIC MORALITY & WORLD RELIGIONS - or -
DE FREEDOM AND VIRTUE and
DE COMPARATIVE RELIGIONS

Course 4

SACRAMENTAL LIFE and SOCIAL JUSTICE - or -
DE SACRAMENTS and
DE CATHOLIC SOCIAL TEACHING

RELIGION

INTRODUCTION TO CHRISTOLOGY

Grade level: 9

1 Semester/First Semester

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 Code: 2101300

Credit: 0.5

OLD TESTAMENT

Grade level: 9

1 Semester/Second Semester

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 this course students will learn about the Bible, authored by God through inspiration, and its value to people throughout the world. They will learn how to read the Bible and will become familiar with the major sections of the Old Testament and the books included in each section.

Course Code: 2109410

Credit: 0.5

NEW TESTAMENT

Grade level: 10

1 Semester/First Semester

The purpose of this course is to help students understand all that God has done for us through His Son, Jesus Christ as portrayed in the New Testament. 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. Through their study of the New Testament, students will also be introduced to what it means to be a disciple of Christ and what life as a disciple encompasses.

Course Code: 1005340

Credit: 0.5

CHURCH HISTORY

Grade level: 10

1 Semester/Second Semester

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 and, as such, has both Divine and human elements. In this course, students will learn about the Church's 2000 years of history and about how the Church is led and governed by the successors of the Apostles.

Course Code: 2100370

Credit: 0.5

CATHOLIC MORALITY

Grade level: 11

1 Semester/First Semester

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. This course examines the methods of moral decision-making and the foundations of morality within the Catholic Christian tradition.

Course Code: 2105350

Credit: 0.5

RELIGION

WORLD RELIGIONS

Grade level: 11

1 Semester/ Second Semester

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 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 beliefs and practice differ from the Catholic faith. This study will lead the students to a better understanding of their own faith and knowledgeable respect for the beliefs of other faith groups.

Course Code: 2105310

Credit: 0.5

SACRAMENTAL LIFE

Grade level: 12

1 Semester/ First Semester

The purpose of this course is to help students to understand that they can encounter Christ today in a full and real way in and through the Sacraments, and especially through the Eucharist. Students will examine each of the Sacraments in detail so as to learn how they may encounter Christ throughout life. Students will also examine the vocations of life - how Christ calls us to live. They will understand the importance of the Sacraments supporting their vocational call. Students should learn what it means to live life for the benefits of others and the value in considering a vocation in service to the Christian community.

Course Code: 0800330

Credit: 0.5

SOCIAL JUSTICE

Grade level: 12

1 Semester/ Second Semester

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. Students will examine thoroughly the Seven Principles of Catholic Social Teachings.

Course Code: 2105355

Credit: 0.5

RELIGION - DUAL ENROLLMENT COURSES

PREREQUISITES: 3.0 UNWEIGHTED GPA AND ONE OF THE FOLLOWING: AN SAT READING SCORE OF 24, AN ACT READING SCORE OF 19, OR A PERT READING SCORE OF 106.

FREEDOM AND VIRTUE (DUAL ENROLLMENT)

Grade level: 11

1 Semester/First Semester

Additional Cost: \$195.00

This course provides an examination of the meaning of human freedom, the nature and search for virtue as a means and goal of human behavior and as a consequence of our actions. Accountability as part of free human action will be considered in the context of decisions of conscience. **This course can be taken in the place of Catholic Morality.**

Course Code: 2105350

Credit: 0.5 H.S.

(3 hours College Credit)

COMPARATIVE RELIGIONS (DUAL ENROLLMENT)

Grade level: 11

1 Semester/ Second Semester

Additional Cost: \$195.00

This Dual Enrollment course is an introduction and broad survey of the major faith traditions of the world, with particular emphasis on the Abrahamic religions of Judaism, Christianity, and Islam. Eastern religious traditions of Hinduism and Buddhism are introduced. **This course can be taken in place of World Religions.**

Course Code: 2105310

Credit: 0.5 H.S.

(3 hours College Credit)

SACRAMENTS (DUAL ENROLLMENT)

Grade level: 12

1 Semester/ Second Semester

Additional Cost: \$195.00

This course is an examination of the Christian Sacraments from the perspective of religious experience and symbol, Christ as the primordial sacrament, the Church as fundamental sacrament, and the historical-theological development of each sacrament. Although primary focus will be on the Roman Catholic tradition, attention will also be given to Orthodox and Protestant understanding and practice. **This course can be taken in place of Sacramental Life.**

Course Code: 0800330

Credit: 0.5 H.S. Credit

(3 hours College Credit)

CATHOLIC SOCIAL TEACHING (DUAL ENROLLMENT)

Grade level: 12

1 Semester/ First Semester

This course is an examination and evaluation of the teaching on major social issues in the papal encyclicals, conciliar documents, and episcopal pronouncements from Leo XIII to the present day. **This course can be taken in place of Social Justice.**

Course Code: 2105355

Credit: 0.5 H.S. Credit

(3 hours College Credit)

English Language Arts Core

Course 1

ENGLISH 1 - or -
ENGLISH 1 HONORS

Course 2

ENGLISH 2 - or -
ENGLISH 2 HONORS

Course 3

ENGLISH 3 - or -
ENGLISH 3 HONORS - or -
AP LANGUAGE AND COMPOSITION

Course 4

ENGLISH 4 - or -
ENGLISH 4 HONORS - or -
AP LITERATURE AND COMPOSITION

Elective Courses

JOURNALISM HONORS WITH YEARBOOK 1,2,3
SPEECH 1, 2
WORLD LITERATURE HONORS

ENGLISH LANGUAGE ARTS

ENGLISH 1

Grade level: 9

2 Semesters

This course focuses on the elements of writing, grammar, and literature. Students work on the development of writing skills, the review and application of grammar, and the study of vocabulary skills. The study of literature emphasizes the genres of the short story, poetry, drama, the novel, and nonfiction. Students are required to write essays and a research paper that follow MLA format and that focus on the entire writing process. Course includes writing for various purposes, active reading, speaking, and listening. Students are also required to actively participate in group projects and to contribute meaningfully to class discussions. In addition to summer reading, students will be expected to read and analyze books over the course of the year.

Course Code: 1001310

Credit: 1.0

ENGLISH 1 HONORS

Grade level: 9

2 Semesters

Prerequisite: Meets honors course placement requirements

This course is designed for freshmen who have demonstrated above grade level skills in prior work and test scores. This course focuses on the elements of writing, grammar, and literature. Students work on the development of analytical writing skills and critical thinking, the review and application of grammar, and the study of vocabulary skills. The study of literature stresses identifying and understanding the use of literary elements in the genres of short story, poetry, nonfiction, drama, and the novel. Students are required to write essays and a research paper that follows MLA format and that focus on the entire writing process, including revision. Course includes writing for various purposes, active reading, speaking and listening. Students also are required to actively participate in group projects and to contribute meaningfully to class discussions. In addition to summer reading, students will be expected to read and analyze books over the course of the year.

Course Code: 1001320

Credit: 1.0

ENGLISH 2

Grade level: 10

2 Semesters

Prerequisite: Successful completion of English 1

This course includes continued instruction in writing, grammar, and World literature. Students concentrate on the development of larger pieces of writing (with emphasis on form and analysis of literary elements) and the entire writing process from planning through revision, including a rudimentary research paper. Students continue the review of grammar and the development of skills in vocabulary acquisition. Skills in speaking and listening will be included in the course. Literature and informative texts from varied literary periods will be examined. In addition to summer reading, students will be expected to read and analyze books over the course of the year.

Course Code: 1001340

Credit: 1.0

ENGLISH 2 HONORS

Grade level: 10

2 Semesters

Prerequisite: Successful completion of English 1 and meets honors course placement requirements

This course emphasizes writing, application and analyzing World literature. The written component will focus on the entire writing process from planning through revision, including a rudimentary research paper. Students will be expected to write, evaluate, and create complex ideas that are abstract and multifaceted. Skills in speaking and listening, as well as active reading and developing language skills in the area of college and career readiness, will be included in the course. Literature and informative texts will be analyzed from varied literary periods. In addition to summer reading, students will be expected to read and analyze books over the course of the year.

Course Code: 1001350

Credit: 1.0

ENGLISH LANGUAGE ARTS

ENGLISH 3

Grade level: 11

2 Semesters

Prerequisite: Successful completion of English 2

This course stresses the continued development of writing skills that focus on multi-paragraph essays and a documented research paper using the MLA format. Grammar review continues as correct usage, mechanics, and all conventions of standard American English are required. Vocabulary study includes an emphasis on the components of standardized tests as well as words in context. Skills in speaking and listening will be included in the course. Literature study centers on American writers and American culture. Each quarter students are expected to read and analyze an outside-of-class book, and they are required to write essays that focus on the entire writing process. In addition to summer reading, students will be expected to read and analyze books over the course of the year.

Course Code: 1001370

Credit: 1.0

ENGLISH 3 HONORS

Grade level: 11

2 Semesters

Prerequisite: Successful completion of English 2 and meets honors course placement requirements.

This course provides students with an understanding of the chronological or thematic development of the American people by examining the political, social, religious, cultural, artistic, and literary movements that have shaped and molded this country. A sampling of major American literary works are studied and an emphasis is made on writing assignments that concentrate on the ability to analyze critically. Multi-paragraph essays and a documented research paper using the MLA format are required. Speaking and listening skills are incorporated into class assignments, and students are expected to actively participate in seminars. Grammar review and vocabulary studies are a continuing emphasis in this course. In addition to summer reading, students will be expected to read and analyze books over the course of the year.

Course Code: 1001380

Credit: 1.0

ADVANCED PLACEMENT LANGUAGE AND COMPOSITION

Grade level: 11

2 Semesters

Prerequisite: Successful completion of English 2 Honors and meets Advanced Placement course placement requirements in reading

This course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays. Students will be able to read text with critical understanding and to write effectively. Students can expect a high-level of nonfiction text in various forms, including graphic images as forms of text, comic strips, advertisements, and graphs, as well as supplemental fictional text. Writing is an integral part of this course. These assignments will range from major research papers to more brief critical responses and primarily involve the three main styles required by College Board: writing arguments synthesizing from different sources, analyzing excerpts for rhetorical strategies from a variety of literary periods, and voicing opinions on current issues. In-class writings, in particular, will be assigned often in preparation for the College Board AP exam. Students enrolled in this course must be able to budget their time, work both independently and cooperatively, and be extremely self-disciplined. All enrolled students are required to complete a summer assignment.

Course Code: 1001420

Credit: 1.0

ENGLISH 4

Grade level: 12

2 Semesters

Prerequisite: Successful completion of English 3

This course includes a general grammatical overview with specific emphasis placed on the writing process related to the development of style. Skills in speaking and listening will be included in the course. Papers of varied lengths are required in addition to a documented research paper (graduation requirement). Shorter writing assignments are geared toward the analysis and application of literary elements used in conjunction with literature read. A chronological or thematic study of major British and world literary works from the Anglo-Saxon period through the twentieth century is included. Students are required to conduct discussions based on major literary components. In addition to summer reading, students will be expected to read and analyze books over the course of the year.

Course Code: 1001400

Credit: 1.0

ENGLISH LANGUAGE ARTS

ENGLISH 4 HONORS

Grade level: 12

2 Semesters

Prerequisite: Successful completion of English 3 and meets honors course placement requirements

This course includes a vocabulary development program and a general grammatical overview with specific emphasis placed on the writing process related to the development of style, sentence structure, and critical analysis. Papers of varied lengths are required in addition to an MLA formatted, documented research paper. (graduation requirement). Shorter writing assignments are geared toward critical thinking in the analysis of literary works, literary elements, and an author's style. An in-depth chronological or thematic study of major British and world literary works from the Anglo-Saxon period through the twentieth century is included in the course. Students are required to participate in discussions based on close readings of literary works, to recognize major literary components, to compose effective analyses of given genres, and to demonstrate an understanding of the works read. In addition to summer reading, students will be expected to read and analyze books over the course of the year.

Course Code: 1001410

Credit: 1.0

ADVANCED PLACEMENT LITERATURE AND COMPOSITION

Grade level: 12

2 Semesters

Prerequisite: Successful completion of AP Language and Composition or English 3 Honors and meets Advanced Placement course placement requirements in reading.

This course will allow for students enrolled in this course to acquire an understanding of the resources of the English language and of the writer's craft, developing critical standards for the appreciation of college-level literary works throughout history and increasing their sensitivity to literature as a shared experience. Students can expect to spend considerable time in analytical study of fictional literature, specifically novels and poetry, as this course provides intellectual challenge and the workload is consistent with a typical undergraduate English Literature or Humanities course. Writing is an integral part of the course. These assignments will range from a major analytical research paper to more brief critical responses. In-class writings, in particular, will be assigned often in preparation for the College Board AP exam. Students enrolled in this course must be able to budget their time, work both independently and cooperatively, and be extremely self-disciplined. All enrolled students are required to complete a summer assignment.

Course Code: 1001430

Credit: 1.0

LANGUAGE ARTS ELECTIVES

SPEECH 1

Grade level: 9-12

2 Semesters

This performance-based course provides further instruction in the fundamentals of formal and informal oral communication, interviewing, presentation techniques, and public speaking. The purpose of this course is to continue developing students' awareness, understanding, and application of language arts as it applies to oral communication concepts and formats. This includes techniques of voice production, effective listening, audience analysis, improvisation, storytelling, declamation, soliloquies, special occasion speeches, toasts, roasts and emceeing/hosting training.

This course fulfills the Practical/Performing/Fine Arts requirement for graduation.

Course Code: 1007300

Credit: 1.0

SPEECH 2

Grade level: 10-12

2 Semesters

Prerequisite: Successful completion of Speech 1

This performance-based course provides further instruction in the fundamentals of formal and informal oral communication and public speaking. The purpose of this course is to continue developing students; awareness, understanding, and application of language arts as it applies to oral communication concepts and formats. This includes techniques of voice production, effective listening, audience analysis, improvisation, storytelling, declamation, soliloquies, special occasion speeches (including commencement speeches, toasts, roasts), and emceeing/hosting training.

Course Code: 1007310

Credit: 1.0

LANGUAGE ARTS ELECTIVES

JOURNALISM HONORS WITH YEARBOOK 1

Grade level: 10-12

2 Semesters

Prerequisite: Teacher recommendation and application filed and accepted by the yearbook teacher

This course will allow for students to develop advanced skills in the production of journalism and to develop advanced knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. This course provides students with practical experience in the creation, development, financing, and production of a school yearbook. Students are required to solicit business advertisements to fund production of the yearbook, take quality photographs, market their product, and write captions. Students are required to work after school, on weekends, and evenings to meet deadlines. Attendance at the summer seminar may be required. Through graphic design, photography, and journalistic writing, students will create original layouts to produce a yearbook that is over three hundred pages.

Course Code: 1006331

Credit: 1.0

JOURNALISM HONORS WITH YEARBOOK 2

Grade level: 11-12

2 Semesters

Prerequisite: Passing Yearbook 1 and an application filed and accepted by the yearbook teacher

This course affords students an opportunity for in-depth experience in the creation, development, financing, and production of a school yearbook. Students are again required to sell advertising, take quality photographs, and market their product. Yearbook 2 students assume the leadership roles in the creation and marketing of the yearbook. As a result, students should be able to work after school, on weekends, and on occasional evenings to meet deadlines. Attendance at two yearbook seminars may be required. One is held in the summer, and the second is held on a weekend during the school year.

Course Code: 1006332

Credit: 1.0

JOURNALISM HONORS WITH YEARBOOK 3

Grade level: 12

2 Semesters

Prerequisite: Passing Yearbook 2 with an application filed and accepted by the yearbook teacher

This course is designed to provide students with practical experiences in the latest in desktop publishing, graphic design, types of writing appropriate to publications, opportunities to explore careers in photography and mass communications, and hands-on experiences in journalistic productions. The students in the course have the responsibility of designing, financing, and producing the school's yearbook. At the honors level, students must complete layout/section designs, edit copy, sell advertising, and complete a portfolio or research project in the second semester. Students enrolled in this course must attend a summer workshop and be selected as a chief editor or main section editor.

Course Code: 1006333

Credit: 1.0

WORLD LITERATURE HONORS

Grade level: 10-12

2 Semesters

Prerequisite: Meets honors course placement requirements

The purpose of this course is to enable students using texts with appropriate complexity, and to develop knowledge of multicultural literature through integrated educational experiences of reading, writing, speaking, listening, and language. Emphasis will be placed on major genres in literature of the world with a special focus on multicultural literature in America, including, but not limited to, texts by African American, Native American, Hispanic, and Asian American authors. Students will explore linguistic and cultural diversity by comparing, contrasting, analyzing, and critiquing writing styles and universal themes, such as coming of age, belonging, and intersections of identity, culture, family, and place.

Course Code: 1020850

Credit: 1.0

Mathematics Core

Course 1

ALGEBRA 1 - or -
ALGEBRA 1 HONORS - or -
GEOMETRY - or -
GEOMETRY HONORS

Course 2

GEOMETRY - or -
GEOMETRY HONORS - or -
ALGEBRA 2 - or -
ALGEBRA 2 HONORS

Course 3

ALGEBRA 2 - or -
ALGEBRA 2 HONORS - or -
PRE-CALCULUS HONORS - or -
AP CALCULUS AB

Course 4

SELECT FROM THE FOLLOWING:
MATH FOR DATA AND FINANCIAL LITERACY
PRE-CALCULUS HONORS
CALCULUS HONORS
PROBABILITY AND STATISTICS WITH APPLICATIONS H
AP STATISTICS
AP CALCULUS AB
AP CALCULUS BC

MATHEMATICS

ALGEBRA 1

Grade level: 9

2 Semesters

This course provides the foundation for more advanced mathematics courses and develops the skills needed to solve mathematical problems. Topics include sets, variables, structure and properties of the real number system, first-degree equations/inequalities, relations, functions, graphs, systems of linear equations/inequalities, integral exponents, polynomials, rational algebraic expressions, irrational numbers, quadratic equations, and mathematical problems. A TI-84+ CE graphing calculator is required for this course.

Course Code: 1200310

Credit: 1.0

INTENSIVE MATH

Grade level: 9

2 Semesters

Prerequisite: Counselor recommendation. Must be taken concurrently with Algebra 1

This course is a double-block course designed to provide students with support in the development of math skills. Students will work on math competencies to enhance mathematical performance. Topics include sets, variables, structure and properties of the real number system, first-degree equations/inequalities, relations, functions, graphs systems of linear equations/inequalities, integral exponents, polynomials, rational algebraic expressions, irrational numbers, quadratic equations, and mathematical problems. A TI-84+ CE graphing calculator is required for this course.

Course Code: 1200400

Credit: 1.0

ALGEBRA 1 HONORS

Grade level: 9

2 Semesters

Prerequisite: Meets honors course placement requirements

This course provides a rigorous 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. Topics will include operations and properties used within the real number system, algebraic and graphical solutions to first-degree equations and inequalities in one or two variables, relations and functions, direct and inverse variation, operations with polynomials (including all forms of factoring), rational and irrational algebraic expressions, quadratic equations, exponential relationships, radical expressions, radical equations and quadratic functions. A TI-84+ CE graphing calculator is required for this course.

Course Code: 1200320

Credit: 1.0

GEOMETRY

Grade level: 9-10

2 Semesters

Prerequisite: Successful completion of Algebra 1. For incoming 9th grade, a minimum of a "B" average in Algebra 1.

This course emphasizes critical thinking involving the discovery of relationships and skill in applying the deductive method to mathematical situations. Topics include the study of Euclidean geometry of lines, planes, angles, triangles, similarity, congruence, geometric inequalities, polygons, circles, and volume. A TI-84+ CE graphing calculator is required for this course.

Course Code: 1206310

Credit: 1.0

GEOMETRY HONORS

Grade level: 9-10

2 Semesters

Prerequisite: Successful completion of Algebra 1 and meets honors course placement requirements

This course gives a rigorous, in-depth study of geometry with emphasis on the geometric proof. Topics include the study of Euclidean geometry of lines, planes, angles, triangles, similarity, congruence, geometric inequalities, polygons, circles, area, volume, and right triangle trigonometry. A TI-84+ CE graphing calculator is required for this course.

Course Code: 1206320

Credit: 1.0

MATHEMATICS

ALGEBRA 2

Grade level: 10-11

2 Semesters

Prerequisite: Successful completion of Geometry.

This course provides 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. Topics shall include operations and properties used within the real number system, algebraic and graphical solutions to first-degree equations and inequalities in one or two variables, relations and functions, direct and inverse variation, operations with polynomials (including all forms of factoring), rational and irrational algebraic expressions, quadratic equations, and quadratic functions. A TI-84+ CE graphing calculator is required for this course

Course Code: 1200330

Credit: 1.0

ALGEBRA 2 HONORS

Grade level: 10-11

2 Semesters

Prerequisite: Successful completion of Geometry and meets honors course placement requirements - *For students wanting to reach AP Calculus BC, this course must be completed concurrently with Geometry Honors in 9th grade. Students must score in the 90th percentile or better standardized test score and have an "A" in Algebra 1.*

This course provides a rigorous and in-depth study of algebra. Topics include polynomial and rational and radical relationships, quadratic equations and inequalities, exponents, complex numbers, radicals, conic sections, polynomial equations, logarithms, trigonometric functions, modeling with functions, inferences and conclusions from data, applications of probability and word problems. A TI-84+ CE graphing calculator is required for this course.

Course Code: 1200340

Credit: 1.0

PRE-CALCULUS HONORS

Grade level: 10-12

2 Semesters

Prerequisite: Successful completion of Algebra 2 and meets honors course placement requirements. Algebra 2 taken during summer school is required for 10th grade placement.

This course provides a mathematically sound foundation for students who intend to study calculus. Topics include, but are not limited to, functions, intermediate value theorem, extreme theorem, Pythagorean identities, sine, and cosine, as well as an in-depth study in limits. A TI-84+ graphing calculator is required for this course.

Course Code: 1202340

Credit: 1.0

MATHEMATICS FOR DATA AND FINANCIAL LITERACY

Grade level: 11-12

2 Semesters

This course emphasizes five areas: extending the knowledge of ratios, proportions, and functions to data and financial contexts, developing understanding of economic and accounting principles, credit, investments and data analysis to create and evaluate reports and make predictions. A TI-84+ CE graphing calculator is required for this course.

Course Code: 1200387

Credit: 1.0

PROBABILITY AND STATISTICS WITH APPLICATIONS HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of Algebra 2 and meets honors course placement requirements

This course gives a rigorous, in-depth study of topics in probability and statistics. The course will explore statistical methods and probability models through the use of technology, activities, and collaborative work. Topics will include measures of data classification, collection, analysis, and graphical displays of statistical data, measures of central tendency and variation, concepts of experimental, theoretical, and subjective probability, conditional and discrete probability, normal and binomial distributions, confidence intervals and hypothesis testing. A TI-84+ CE graphing calculator is required for this course.

Course Code: 1210300

Credit: 1.0

MATHEMATICS

ADVANCED PLACEMENT STATISTICS

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of Pre-Calculus Honors and meets Advanced Placement course placement requirements in reading and math

This course provides college-level work in statistics and will include the topics of data analysis, probability, and interdisciplinary statistics. Technology will be an integral part of the course. This course is based on suggested materials from the College Board and has four broad conceptual themes:

1. Exploring data - observing patterns and departures from patterns,
2. Planning a study - deciding what and how to measure,
3. Anticipating patterns in advance - producing models using probability and simulation
4. Statistical inference confirming models. Students are required to take the Advanced Placement Statistics Examination upon successful completion of this course. A TI-84+ CE graphing calculator is required for this course.

Course Code: 1210320

Credit: 1.0

CALCULUS HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of Pre-Calculus Honors and meets honors course placement requirements

This course provides a foundation for the study of advanced mathematics. The content includes the following: elementary functions, limits and continuity, derivatives, differentiation, applications of the derivative, antiderivatives, definite integral, and application of the integral. A TI-84+ CE graphing calculator is required for this course.

Course Code: 1202300

Credit: 1.0

ADVANCED PLACEMENT CALCULUS AB

Grade level: 11-12

2 Semesters

Prerequisite: Successful of Pre-Calculus Honors and meets Advanced Placement course placement requirements in math

The course is equivalent to a five-hour (1 semester) college Calculus course including the branches of single variable differential and integral calculus. The course covers all material as prescribed in the College Board course description. Topics to be studied include elementary functions, limits, continuity, the derivative, implicit differentiation, applications of the derivative, integration, applications of the integral, area and volume. Students are required to take the AP Calculus AB examination upon completion of this course. A TI-84+ CE graphing calculator is required for this course.

Course Code: 1202310

Credit: 1.0

ADVANCED PLACEMENT CALCULUS BC

Grade level: 12

2 Semesters

Prerequisites: Successful completion of AP Calculus AB and meets Advanced Placement course placement requirements in math

This is a college-level calculus course designed to meet the Advanced Placement curricular requirements for Calculus BC (equivalent to one year of college calculus). The major topics of this course are limits, derivatives, integrals, the Fundamental Theorem of Calculus, and series. We will investigate and analyze course topics using equations, graphs, tables, and words, with a particular emphasis on a conceptual understanding of calculus. Applications, in particular to solid geometry and physics, will be studied where appropriate. Students will take the AP Calculus BC exam upon successful completion of this course. A TI-84+ CE graphing calculator is required for this course. Students enrolled in this course are required to complete a summer assignment.

Course Code: 1202320

Credit: 1.0

MATHEMATICS FOR COLLEGE STATISTICS

Grade Level: 11-12

2 Semesters

Prerequisite: Successful completion of Algebra II

In Mathematics for College Statistics, instructional time will emphasize four areas: (1) analyzing and applying linear and exponential functions within the context of statistics; (2) extending understanding of probability using data and various representations, including two-way tables and Venn Diagrams; (3) representing and interpreting univariate and bivariate categorical and numerical data and (4) determining the appropriateness of different types of statistical studies.

Course Code: 1210305

Credit: 1.0

Science Core

Course 1

BIOLOGY - or -
BIOLOGY HONORS

Course 2

CHEMISTRY - or -
CHEMISTRY HONORS

Course 3 and Course 4

SELECT FROM THE FOLLOWING:

ENVIRONMENTAL SCIENCE	PHYSICS
ENVIRONMENTAL SCIENCE H	PHYSICS HONORS
FORENSIC SCIENCE	AP BIOLOGY
HUMAN ANATOMY	AP CHEMISTRY
HUMAN ANATOMY HONORS	AP ENVIRONMENTAL SCIENCE
MARINE SCIENCE	AP PHYSICS 2
MARINE SCIENCE HONORS	AP PHYSICS 2
ORGANIC CHEMISTRY	

SCIENCE

BIOLOGY

Grade level: 9

2 Semesters

This course provides students with exploratory experiences and activities in the fundamental concepts of life. Content includes scientific processes, human anatomy, structure and function of cells, genetics, classification and taxonomy, structure and function of plants and animals, ecological relationships, and biological changes through time. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Laboratory investigations should help all students develop a growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations. Learners should understand measurement error, and have the skills to aggregate, interpret, and present the resulting data.

Course Code: 2000310

Credit: 1.0

BIOLOGY HONORS

Grade level: 9

2 Semesters

Prerequisite: Meets honors course placement requirements

This course provides students with in-depth general exploratory experiences and activities in the fundamental concepts of life. This course expands and refines biological concepts and presents additional facts, concepts, and generalizations. This course gives students more in-depth experience than in the standard Biology course, and additional reading is required. Students are required to analyze material and prepare extensive lab reports. The academic rigor and pace of this course is greatly increased from that of standard Biology.

Course Code: 2000320

Credit: 1.0

ADVANCED PLACEMENT BIOLOGY

Grade level: 10-12

2 Semesters

Prerequisite: Successful completion of Biology Honors and meets Advanced Placement course placement requirements in reading and math

This course will expand on biology and chemistry course-work. Students will be required to take the Advanced Placement Biology examination upon successful completion of this course. In addition to the regular schedule, this course will require additional lab activities.

Course Code: 2000340

Credit: 1.0

CHEMISTRY

Grade level: 10

2 Semesters

This course provides students with the study of the composition, properties, and changes associated with matter. Content includes a conceptual approach to the classification and structure of matter, atomic theory, periodic table, bonding, chemical formulas, chemical reactions, balanced equations, behavior of gasses, physical changes, acids, bases, salts, and energy associated with physical and chemical changes. Laboratory activities are an integral part of this course.

Course Code: 2003340

Credit: 1.0

CHEMISTRY HONORS

Grade level: 10

2 Semesters

Prerequisite: Meets honors course placement requirements

This course provides students with the study of composition, properties, and changes associated with matter. This course gives a more mathematical explanation of chemistry. Topics include heat, changes of matter, atomic structure, periodic table, bonding, formulas and equations, mole concept, gas laws, energy and order, reaction rates and equilibrium, and solutions: acids, bases, salts, nuclear chemistry, oxidation, reduction, and organic chemistry. Laboratory activities are an integral part of this course. The academic rigor and pace of this course is greatly increased from that of standard Chemistry.

Course Code: 2003350

Credit: 1.0

SCIENCE

ADVANCED PLACEMENT CHEMISTRY

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of Chemistry Honors and meets Advanced Placement course placement requirements in math

This course is equivalent to a first-year course in college Chemistry. It will expand on those topics covered in Chemistry Honors with an emphasis on application of the concepts. In addition to the regular schedule, this course will require additional lab activities.

Course Code: 2003370

Credit: 1

CHEMISTRY 2 – ORGANIC CHEMISTRY HONORS

Grade level: 12

2 Semesters

Prerequisite: Successful completion of AP Chemistry

s course includes: developing and using models; planning and carrying out investigations; analyzing and interpreting data, using mathematics, information and computer technology and computational thinking; constructing explanations (for science) and designing solutions (for engineering); and engaging in argument from evidence. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Course Code: 2003360

Credit: 1.0

ENVIRONMENTAL SCIENCE

Grade level: 11-12

2 Semesters

This course provides students with a rigorous and in-depth study of the natural mutual relationships between organisms and other factors compromising the environment. This course includes air, water, and land pollution, man's impact on the environment, resource use, recycling, and ecosystems analysis. Laboratory investigations are an integral part of this course.

Course Code: 2001340

Credit: 1.0

ENVIRONMENTAL SCIENCE HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Meets honors course placement requirements

This course provides students with rigorous and in-depth study of the natural mutual relationships between organisms and other factors compromising the environment. This course includes air, water, and land pollution, man's impact on the environment, resource use, recycling, and ecosystems analysis. Laboratory investigations are an integral part of this course. The academic rigor and pace of this course is greatly increased from that of standard Environmental Science.

Course Code: 2001341

Credit: 1.0

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Grade level: 11-12

2 Semesters

Prerequisite: Meets Advanced Placement course placement requirements reading and math

This course is a college level environmental science course. This course provides students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. In addition to the regular schedule, this course will require additional lab activities.

Course Code: 2001380

Credit: 1.0

SCIENCE

FORENSIC SCIENCE

Grade level: 11-12

2 Semesters

This course applies principles from biology, chemistry, anatomy, and physics to criminal and civil laws that are enforced by police agencies in the criminal justice system. It includes the investigation and analysis of crime scenes, fingerprints, hair and fibers, ballistics, DNA, trace evidence, blood sampling, blood splatter, and human remains. Students are taught proper collection preservation, and laboratory analysis of various samples.

Course Code: 2002480

Credit: 1.0

HUMAN ANATOMY AND PHYSIOLOGY

Grade level: 11-12

2 Semesters

This course provides students with a study of the structures and functions of the components of the human body with an emphasis on anatomical terminology. Much of the content requires prior-reading. Content includes cellular processes, tissues, and special senses, as well as skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary and reproductive systems. Students will be exposed to a variety of hands-on activities, electronic resources as well as laboratory investigations.

Course Code: 2000350

Credit: 1.0

HUMAN ANATOMY AND PHYSIOLOGY HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Meets honors course placement requirements

This course provides students with rigorous in-depth activities in the structures and functions of the components of the human body with an emphasis on anatomical terminology. Much of the content requires analytical skills in reading. Content includes cellular processes, tissues, special senses, as well as skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary and reproductive systems. Laboratory investigations are an integral part of this course. This course is designed for students thinking about biology and/or health-related careers or majors.

Course Code: 2000360

Credit: 1.0

MARINE SCIENCE

Grade level: 11-12

2 Semesters

This course provides students with a broad overview of sea life in the marine biome. The generalized content includes the origin of oceans, the nature of the marine habitat, physical and geological aspects, ecology of the sea zonation, marine communities, characteristics of major marine phyla/divisions, and man's interrelationship with the oceans.

Course Code: 2002500

Credit: 1.0

MARINE SCIENCE HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Meets honors course placement requirements

This course provides the student with an extensive survey of the marine biome. Content includes the origin of the oceans, the nature of marine habitat, including chemical, physical, and geological aspects, ecology of sea zonation, marine communities, classification, taxonomy, characteristics of major marine phyla/divisions, and man's interrelationship with the oceans. The academic rigor and pace of this course is greatly increased from that of standard Marine Science.

Course Code: 2002510

Credit: 1.0

SCIENCE

PHYSICS

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of Chemistry with a "C" or above

This course provides students with an introductory study of theories and laws governing the interaction of matter, energy, and forces. Content includes classical mechanics, sound and light, and electricity and magnetism. Scientific inquiry, through laboratory activities and computer simulations, is an integral part of this course. Students will gain a better appreciation of nature by learning its rules. Laboratory investigations are implemented to help students understand the complexity of Physics.

Course Code: 2003380

Credit: 1.0

PHYSICS HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Meets honors course placement requirements

This course is laboratory based and provides students with a rigorous introductory study of the laws and theories that govern the interaction of matter, energy, and the forces of nature. The course content includes kinematics, dynamics, work, energy, power, wave theory, sound, light, optics, electricity and magnetism, nuclear and modern physics. This course will require students to implement critical thinking skills and high level problem-solving skills. Laboratory activities are an integral part of this course. The academic rigor and pace of this course is greatly increased from that of standard Physics.

Course Code: 2003390

Credit: 1.0

ADVANCED PLACEMENT PHYSICS 1

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of Chemistry Honors and meets Advanced Placement course placement requirements in math and reading

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activities, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. In addition to the regular schedule, this course will require additional lab activities.

Course Code: 2003421

Credit: 1.0

ADVANCED PLACEMENT PHYSICS 2

Grade level: 12

2 Semesters

Prerequisite: Successful completion of Physics Honors, Pre-Calculus, and meets Advanced Placement course placement requirements in math

This course often provides a foundation in physics for students majoring in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science. The AP Physics 2 course will cover topics in electricity and magnetism, fluid mechanics and thermal physics, waves and optics, and atomic and nuclear physics. In addition to the regular schedule, this course will require additional lab activities.

Course Code: 2003422

Credit: 1.0

Social Studies Core

Course 1

WORLD HISTORY - or -
WORLD HISTORY HONORS - or -
AP WORLD HISTORY

Course 2

U.S. HISTORY - or -
U.S. HISTORY HONORS - or -
AP U.S. HISTORY

Course 3

GOVERNMENT and ECONOMICS WITH
FINANCIAL LITERACY or HONORS
- or -
AP GOVERNMENT and AP MICROECONOMICS

Elective Courses

AP COMPARATIVE GOVERNMENT and
AP MACROECONOMICS
AP EUROPEAN HISTORY
AP HUMAN GEOGRAPHY
AP PSYCHOLOGY
CONSTITUTIONAL LAW HONORS
HUMANITIES/ART HISTORY HONORS
PSYCHOLOGY/SOCIOLOGY
WORLD GEOGRAPHY

SOCIAL STUDIES

WORLD HISTORY

Grade level: 10

2 Semesters

This course is a continued in-depth study of the history of civilizations and societies from the middle school course and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events from ancient and classical civilizations.

Course Code: 2109310

Credit: 1.0

WORLD HISTORY HONORS

Grade level: 10

2 Semesters

Prerequisite: Meets honors course placement requirements

This course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events from ancient and classical civilizations.

Course Code: 2109320

Credit: 1.0

ADVANCED PLACEMENT WORLD HISTORY

Grade level: 10

2 Semesters

Prerequisite: Meets Advanced Placement course placement requirements in reading.

This course develops a greater understanding of global processes and contacts in the interaction of different types of human societies. The course highlights the nature of changes in international frameworks and their causes and consequences. Comparisons among major societies will be an additional focus. Concentrating primarily on the past thousand years of global experience, the course builds an understanding of cultural, institutional, and technological achievements. Periodization will form the organizing principle for dealing with change and continuity from 1000 C.E. to the present.

Course Code: 2109420

Credit: 1.0

UNITED STATES HISTORY

Grade level: 11

2 Semesters

This course exposes students to historical methods and provides them with an understanding of the chronological development of the American people by examining political, economic, social, religious, military, scientific, technical, cultural, and artistic events that have shaped and molded this country. Primary content emphasis includes sectionalism and the growth of slavery, the Civil War and Reconstruction, Western expansion and the settlement of the West, industrialization, the Progressive era, American Imperialism, World War I, the Twenties, the Great Depression, the New Deal era, World War II, the Cold War Years, and the issues in the Middle East including The Gulf Wars and Terrorism. Students will examine cause and effect relationships between historical events in these time periods and explore the historic, political, and sociological events which influenced the development of America.

Course Code: 2100310

Credit: 1.0

SOCIAL STUDIES

UNITED STATES HISTORY HONORS

Grade level: 11

2 Semesters

Prerequisite: Meets honors course placement requirements

This course exposes students to historical methods and provides them with an understanding of the chronological development of the American people by examining political, economic, social, religious, military, scientific, technical, cultural, and artistic events that have shaped this country. Primary content emphasis includes sectionalism and the growth of slavery, the Civil War and Reconstruction, Western expansion and the settlement of the West, industrialization, the Progressive era, American imperialism, World War 1, the Twenties, the Great Depression, the New Deal era, World War 2, and the Cold War years. Students will examine cause and effect relationships between historical events and explore the historic, political and sociological events which influenced the development of America. The honors level course demands more in-depth research and examination of issues in a reflective setting. Students are required to read primary source accounts of events and analyze these considering their research. Additional written and projectbased activities are required to ensure students develop the essential skills of synthesis, analysis, and evaluation of historical events and documents.

Course Code: 2100320

Credit: 1.0

ADVANCED PLACEMENT UNITED STATES HISTORY

Grade level: 11

2 Semesters

Prerequisite: Meets Advanced Placement course placement requirements in reading.

This course provides a college-level course in United States History. This course challenges students who are academically capable in concepts of United States history. It will cover exploration and colonization of America, the American Revolution and the Confederation period, Jeffersonian Democracy, the Jacksonian Era, western expansion, the growth of slavery, Civil War Reconstruction, industrialization and urbanization of America, the Progressive Era, World War 1 and 2, the Great Depression, the New Deal, the Cold War years, and the Korean and Vietnam Wars. This course also addresses major events of the presidential administrations of the 1980s through the present.

Course Code: 2100330

Credit: 1.0

UNITED STATES GOVERNMENT

Grade level: 12

1 Semester

This course gives students an understanding of United States governmental and political behavior. Content includes an understanding of government concepts and foundations, the Constitution, powers and duties of the legislative, executive, and judicial branches, state/local governments, political participation and influence, and the American legal process.

Course Code: 2106310

Credit: 0.5

ECONOMICS WITH FINANCIAL LITERACY

Grade level: 12

1 Semester

This course emphasizes the study of the concepts and processes of the national and international economic systems. Content will include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

Course Code: 2102335

Credit: 0.5

SOCIAL STUDIES

UNITED STATES GOVERNMENT HONORS

Grade level: 12

1 Semester

Prerequisite: Meets honors course placement requirements

This course provides students with the opportunity to acquire a comprehensive understanding of United States government and political behavior. Appropriate concepts and skills will be developed in connection with the content that follows: evaluation of those documents which shape our political traditions (the Declaration of Independence, the Constitution, and the Bill of Rights); an analysis of the roles of the three branches of government at the local, state, and national levels; a comparative view of the changing nature of political parties and interest groups over time in determining government policy; an evaluation of the changing nature of citizen rights and responsibilities in a democratic state; and the importance of civic participation in the democratic political process.

Course Code: 2106320

Credit: 0.5

ECONOMICS WITH FINANCIAL LITERACY HONORS

Grade level: 12

1 Semester

Prerequisite: Meets honors course placement requirements

This course emphasizes the study of concepts and processes of the national and international economic systems. Content will include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle. Students will analyze historical documents and supplementary readings in a more rigorous and reflective academic setting.

Course Code: 2102345

Credit: 0.5

ADVANCED PLACEMENT UNITED STATES GOVERNMENT

Grade level: 12

1 Semester (Paired with AP Microeconomics)

Prerequisite: Meets Advanced placement course placement requirements in reading and math

This course provides students with the opportunity to acquire a comprehensive understanding of American government and political behavior. Appropriate concepts and skills will be developed in connection with the content. Specific content to be covered will include evaluation of those documents which shape our political tradition (the Declaration of Independence, the Constitution, and the Bill of Rights); an analysis of the roles of the three branches of government at the local, state, and national levels; a comparative view of the changing nature of political parties and interest groups over time in determining government policy; an evaluation of the changing nature of citizen rights and responsibilities in a democratic state; and the importance of civic participation in the democratic political process. Students enrolled in this course are required to complete a summer assignment.

Course Code: 2106420

Credit: 0.5

ADVANCED PLACEMENT MICROECONOMICS

Grade level: 11-12

1 Semester (Paired with AP United States Government)

Prerequisite: Meets Advanced Placement course placement requirements in reading and math

This course challenges students to acquire a thorough understanding of the principles of economics that apply to an economic system and the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. Other topics include theories of consumer choice, production and costs, firm behavior and market structure, competition and monopoly. Students enrolled in this course are required to complete a summer assignment.

Course Code: 2102360

Credit: 0.5

SOCIAL STUDIES ELECTIVE COURSES

ADVANCED PLACEMENT COMPARATIVE GOV'T & POLITICS

Course Code: 2106430

Grade level: 11-12

Credit: 0.5

1 Semester (Paired with AP Macroeconomics)

Prerequisite: Meets advanced placement course placement requirements in reading and math

This course emphasizes the study of major political concepts, analyzes patterns of political processes and behavior and their consequences, and compares and contrasts political institutions and processes across countries. Students enrolled in this course are required to complete a summer assignment.

ADVANCED PLACEMENT EUROPEAN HISTORY

Course Code: 2109380

Grade level: 10-12

Credit: 1.0

2 Semesters

Prerequisite: Meets Advanced Placement course placement requirements in reading

This course will introduce students to cultural, economic, political, and social developments that played a fundamental role in shaping European History since 1450. Students will gain an understanding of Europe's influence on the development of contemporary institutions, present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events, the goals of AP European History are to develop an understanding of some of the principal themes in modern European history, an ability to analyze historical evidence and historical interpretation, and an ability to express historical understanding in writing.

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Course Code: 2103400

Grade level: 9

Credit: 1.0

2 Semesters

Prerequisite: Meets Advanced Placement course placement requirements in reading

This course will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. The course will emphasize the importance of spatial organization- the location of places, people and events, and the connections among places and landscapes- in the understanding of human life on Earth. Geographic concepts emphasized throughout the course are location, place, space, scale, pattern, regionalization, and globalization. Students will learn how to use and make maps, apply mathematical formulas, models, and qualitative data to geographical concepts as well as evaluate the relevance of geography to everyday life and decision making.

ADVANCED PLACEMENT MACROECONOMICS

Course Code: 2102370

Grade level: 11-12

Credit: 0.5

1 Semester (Paired with AP Comparative Government and Politics)

Prerequisite: Meets Advanced Placement course placement requirements in reading and math

This course emphasizes the study of concepts and processes of the national and international economic systems. Content will include, but is not limited to: currency, banking, and monetary policy; the fundamental concepts relevant to the major economic systems; the global market and economy; major economic theories and economists, the role and influence of the government and fiscal policies; economic measurements, tools, and methodology; financial and investment markets; and the business cycle. Students will analyze historical documents and supplementary readings in a more rigorous and reflective academic setting. Students enrolled in this course are required to complete a summer assignment.

ADVANCED PLACEMENT PSYCHOLOGY

Course Code: 2107350

Grade level: 11-12

Credit: 1.0

1 Semesters

Prerequisite: Meets Advanced Placement course placement requirements in reading

This course will explore the psychological facts, principles, and phenomena associated with each of the major subfields of psychology. This course adheres to the curriculum and standards set forth by the College Board in order to prepare students for the AP Psychology exam. Areas of study include: the history of psychology; the biology of behavior; sensation and perception; states of consciousness; learning, memory, cognition (thinking, intelligence, and language); development across the lifespan; motivation and emotion; stress and health, social psychology; theories of personality, psychological disorders as well as psychological therapies. Students enrolled in this course are required to complete a summer assignment.

SOCIAL STUDIES ELECTIVES

CONSTITUTIONAL LAW HONORS

Grade level: 10-12

2 Semester

Prerequisite: Meets honors course placement requirements

The Constitutional Law course consists of the following area strands: American History, Geography, Humanities, Economics, and Civics and Government. The primary content for the course pertains to the study of major legal precedents and evolving judicial interpretations associated with the United States Constitution. Content also includes the evaluation of historical and contemporary constitutional dilemmas through an analysis of legal documents, processes and cases; an examination of the evolution of constitutional government from ancient times to the present; an examination of the constitution of the state of Florida, its current amendment process, and recent amendments approved by Florida voters; a comparison between the constitutional frameworks of other nations with that of the United States; a review and application of major Supreme Court decisions; and appellate processes and procedures. This course will incorporate the development of a written appellate brief addressing a contemporary constitutional question and the presentation of oral arguments to defend their position legally.

Course Code: 2106468

Credit: 1.0

HUMANITIES HONORS

Grade level: 10-12

1 Semester (Paired with Art History and Criticism Honors)

Prerequisite: Meets honors course placement requirements

The purpose of this course is to enable students to examine, understand, and respond to creative efforts of individuals and societies through interdisciplinary study of the arts and their connections to areas such as history, literature, philosophy, and religion from early civilizations to 1500, including ancient Greece and Rome, the Byzantine empire, and medieval European society.

Course Code: 0900305

Credit: 0.5

SOCIOLOGY

Grade level: 10-12

1 Semester (Paired with Psychology)

This course introduces students to the study of human relationships. Students will not only learn the basic principles, concepts, and theories that constitute the core study of Sociology but will also be given the knowledge to better understand society. Some topics include: cultural diversity, socialization, social control, deviance, social stratification, the family, education, religion, and social movements. Simulation activities and class discussions are used to teach the content in a meaningful manner. Community resources are utilized whenever possible.

Course Code: 2108300

Credit: 0.5

PSYCHOLOGY

Grade Level: 10-12

1 Semester (Paired with Sociology)

This course introduces students to Psychology, the scientific study of behavior and mental processes. Students will learn principles, concepts and theories and will be given the knowledge to better understand themselves, their families and communities. Topics to be studied include: the history of psychology, research methods, the brain as our control center, sensation and perception, states of consciousness, memory, learning, intelligence, adolescence, personality, psychological disorders and social interaction.

Course Code: 2107300

Credit: 0.5

WORLD GEOGRAPHY

Grade level: 9-11

2 Semesters

This course provides students with the opportunity to acquire an understanding of the interrelationships between people and their environments. Specific content to be covered will include an understanding of the relationship between physical geography, natural resources, and the economic, political, social, cultural, religious and historic aspects of human activity as applied to a study of the following world regions: Western Europe, Eastern Europe, Anglo-America, Latin America, North Africa and the Middle East, Sub-Saharan Africa, Southern and Eastern Asia, and Oceania.

Course Code: 2103300

Credit: 1.0

World Languages

ASL

American Sign Language 1
American Sign Language 2
American Sign Language 3H
American Sign Language 4H

Latin

Latin 1
Latin 2
Latin 3 Honors
Latin 4 Honors
Advanced Placement Latin

French

French 1
French 2
French 3 Honors
French 4 Honors
AP French Language and Culture

Spanish

Spanish 1
Spanish 2
Spanish Speakers 2
Spanish 3 Honors
Spanish Speakers 3 Honors
Spanish 4 Honors
Spanish Speakers 4 Honors
AP Spanish Language
AP Spanish Literature

WORLD LANGUAGE

FRENCH 1

Grade level: 9-11

2 Semesters

This course allows students to develop basic communication skills in listening, reading, writing, and speaking French. First-year vocabulary, grammar and syntax will be emphasized. In addition, the students will be introduced to French customs and culture. Students are exposed to supplementary readings both in English and in French.

Course Code: 0701320

Credit: 1.0

FRENCH 2

Grade level: 10-12

2 Semesters

Prerequisite: Successful completion of French 1

This course allows students to continue to develop the core skills of reading, writing, listening, and speaking. They also will begin to master basic vocabulary, idioms, verbal expressions, and all the tenses of the indicative. Supplementary materials will continue to broaden the students' appreciation of the global community of French speaking countries.

Course Code: 0701330

Credit: 1.0

FRENCH 3 HONORS

Grade Level: 11-12

2 Semesters

Prerequisite: Successful completion of French 2 and meets honors course placement requirements

This course builds on the skills learned in French 2 and provides a more rigorous honors course. The student is expected to master a broad range of grammatical and conversational skills and show this mastery in structured French language presentations, both written and oral. Opportunities to broaden knowledge of Francophone cultures are presented in a variety of media formats, including print and video.

Course Code: 0701340

Credit: 1.0

FRENCH 4 HONORS

Grade level: 12

2 Semesters

Prerequisite: Successful completion of French 3 Honors and meets honors course placement requirements

This course provides a general review of most grammatical, conversational, and cultural concepts, the students' fundamental orientation will be toward the exploration of French language literature. This exploration will involve the students' use of the core skills of reading, writing, listening, and speaking at a level that permits nuanced meaning. This course explores advanced language structures and idiomatic expressions with emphasis on conversational skills. **Please note: Students will be placed in AP French if insufficient numbers for this course.**

Course Code: 0701350

Credit: 1.0

ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE

Grade level: 12

2 Semesters

Prerequisite: Successful completion of French 3 Honors with an "A" or 4 Honors with a minimum of a "B" or teacher recommendation.

This course develops oral and written fluency in French. Students are required to do extensive practice in listening, comprehension, recording, and writing on a variety of topics. Several Francophone authors from the past are studied. A rigorous vocabulary program is implemented. Students should expect to spend time listening and recording in the language lab. The course engages students in an exploration of French culture in both contemporary and historical context. This class reinforces interpersonal skills and further develops comprehension and presentational skills.

Course Code: 0701380

Credit: 1.0

WORLD LANGUAGE

LATIN 1

Grade level: 9-11

2 Semesters

This course allows for students to explore the foundational principles of the Latin language by focusing on structural word forms and grammar, students will build vocabulary by learning Latin root words and English derivatives, and will focus on classical themes in Roman history, culture, and mythology.

Course Code: 0706300

Credit: 1.0

LATIN 2

Grade level: 10-12

2 Semesters

Prerequisite: Successful completion of Latin 1

This course allows for students to continue their study of the foundational principles of the Latin language and complete all basic grammatical knowledge. Students will continue to increase vocabulary by learning Latin root words and English derivatives, and will continue to focus on classical themes in Roman history, culture, and mythology.

Course Code: 0706310

Credit: 1.0

LATIN 3 HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of Latin 2 and meets honors course placement requirements

This course will allow for students to develop and improve skills in reading Latin, reviewing applicable grammar and vocabulary. Students will continue to increase vocabulary by learning Latin root words and English derivatives, and will continue to focus on the classical themes in Roman history, culture, and mythology.

Course Code: 0706320

Credit: 1.0

LATIN 4 HONORS

Grade Level: 12

2 Semesters

Prerequisite: Successful completion of Latin 3 Honors and meets honors course placement requirements

This course allows for students to read Latin prose and poetry of various authors - growing in their ability to apply knowledge of grammar and vocabulary, and will continue to focus on vocabulary building and classical themes in Roman history, culture, and mythology.

Course Code: 0706330

Credit: 1.0

ADVANCED PLACEMENT LATIN

Grade level: 12

2 Semesters

Prerequisite: Successful completion of Latin 3 Honors with an "A" or 4 Honors with a minimum of a "B" or teacher recommendation. This course allows for students to follow the syllabus set forth by the College Board and read required selections from Julius Caesar's *de Bello Gallico* and Vergil's *Aeneid*. Students will focus on college-level translation, grammar and vocabulary review, and will explore the important themes of these two works.

Course Code: 0706375

Credit: 1.0

SPANISH 1

Grade level: 9-11

2 Semesters

This course provides the students with the general introduction of the Spanish language with an emphasis on communication. Students will learn four basic communicative skills: listening, speaking, writing and reading as well as the common usage vocabulary. Grammar and vocabulary will be presented and practiced through text, assignments and other methods that focus on the skills of listening, reading, writing and speaking. Cultural topics will also be explored, so that students begin to understand and appreciate both similarities and differences between their own culture and the cultures of Spanish-speaking countries. The use of technology (iPads, the internet, etc.) will be integrated as a tool for presenting information, practicing language skills and accessing cultural information.

Course Code: 0708340

Credit: 1.0

WORLD LANGUAGE

SPANISH 2

Grade level: 9-12

2 Semesters

Prerequisite: Successful completion of Spanish 1 or a 90 or above on the BMC Spanish 2 Placement exam

This course reinforces the fundamental skills acquired in Spanish 1. The course develops increased listening, speaking, reading and writing skills. Cultural awareness is also emphasized by exposing students to different Spanish-speaking countries, and will allow students to become familiar with the country's traditions, history, geography and other cultural elements.

Course Code: 0708350

Credit: 1.0

SPANISH FOR SPANISH SPEAKERS 2

Grade level: 9-12

2 Semesters

Prerequisite: Student must be fluent as a Spanish speaker.

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and expanding skills in listening, speaking, reading, and writing, as well as Spanish grammar skills acquired in Spanish for Spanish Speakers 1. Students are exposed to a variety of Spanish literary genres and authors. Language Arts Standards are also included in this course to enable students to become literate in Spanish and gain a better understanding of the nature of their own language as well as other languages to be acquired. The course content will continue reflecting the cultural values of Spanish language and societies.

Course Code: 0709310

Credit: 1.0

SPANISH 3 HONORS

Grade level: 9-12

2 Semesters

Prerequisite: Successful completion of Spanish 2 and meets honors course placement requirements

This course allows for students to develop language skills. The main focus of this honors level course is intended for highly motivated students who are committed to becoming proficient in the Spanish language. Communication in Spanish is refined as the student is guided to becoming conversational. Grammar concepts are reviewed and expanded to get students ready for Spanish 4 Honors and Spanish AP Language. Class work includes discussion of current events and assigned readings as well as oral and written presentations which are designed to elicit personal expression. Compositions or essays increasing in length are turned in throughout the year.

Course Code: 0708360

Credit: 1.0

SPANISH FOR SPANISH SPEAKERS 3 HONORS

Grade level: 9-12

2 Semesters

Prerequisite: Score of 80 or above on the BMC Spanish 3 placement exam

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and expanding skills in listening, speaking, reading, and writing, as well as Spanish grammar skills. Students are exposed to a variety of Spanish literary genres and authors from a variety of cultural authentic sources.

Course Code: 0709320

Credit: 1.0

SPANISH 4 HONORS

Grade level: 10-12

2 Semesters

Prerequisite: Successful completion of Spanish 3 Honors and meets honors course placement requirements

This course allows students to interact comfortably in a variety of situations in the target language. Students refine their language skills through an extensive grammar and vocabulary review, by writing essays, delivering oral reports, and working on listening practice. This course provides a sampling of Spanish and Spanish-American literary works with an emphasis on advanced vocabulary, oral, listening and written expression, and response to foreign literary styles. Students will spend time in the language lab, be able to use word processing programs, and do Internet research.

Course Code: 0708370

Credit: 1.0

WORLD LANGUAGE

SPANISH FOR SPANISH SPEAKERS 4 HONORS

Grade level: 9-12

2 Semesters

Prerequisite: Successful completion of Spanish for Spanish Speakers 3 Honors and meets honors course placement requirements

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and expanding skills in listening, speaking, reading, and writing, as well as Spanish grammar skills. Students are exposed to a variety of Spanish literary genres and authors from a variety of cultural authentic sources.

Course Code: 0709330

Credit: 1.0

ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of Spanish 3 Honors with an "A" or 4 Honors with a minimum of a "B" or teacher recommendation.

This course requires students to do extensive practice in listening comprehension, recording, and composition writing in a variety of topics. Several Spanish and Latin-American authors are studied. A rigorous vocabulary program is implemented. Students should expect to spend some time listening and recording in the language lab. This course stresses oral skills, reading comprehension and grammar, as well as extensive training in the organization and writing of essays. The students' speaking, reading, and writing skills will be developed to attain fluency.

Course Code: 0708400

Credit: 1.0

ADVANCED PLACEMENT SPANISH LITERATURE

Grade level: 12

2 Semesters

Prerequisite: Successful completion of AP Spanish Language & Culture with an "A" average.

This course is designed to be comparable to a third level college/university introduction to Hispanic literature course. Students will be exposed to a wide variety of literary movements and will be analyzing the various literary genres and types of discourse, tracing the history of Hispanic literature from Don Juan Manuel to modern times through some of its most brilliant practitioners. The reading list recommended by the College Board is one that introduces students to the diverse literature written in Spanish encouraging students to reflect on the many voices and cultures included in Spanish literature. This course covers selected works from all genres of the literatures of Spain and Latin-America. Students will discuss and analyze the form and content of these literary works in order to gain an in-depth understanding of each genre.

Course Code: 0708410

Credit: 1.0

AMERICAN SIGN LANGUAGE 1

Grade level: 9-11

2 Semesters

This course introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language with introductions to culture, connections, comparisons, and communities.

Course Code: 0717300

Credit: 1.0

AMERICAN SIGN LANGUAGE 2

Grade level: 10-12

2 Semesters

Prerequisite: Successful completion of American Sign Language 1

This course is a continuation of American Sign Language 1, building upon communication structures and vocabulary acquired. This course focuses on everyday communication and interaction in ASL. Topics include family, community and daily activities. Grammar and vocabulary are presented in context, using ASL as the language of instruction. Students participate in a variety of activities to build language skills and learn about Deaf culture. Enrollment for this course is limited.

Course Code: 0717310

Credit: 1.0

WORLD LANGUAGE

AMERICAN SIGN LANGUAGE 3 HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of American Sign Language 2 and meets honors course placement requirements.

This course is a continuation of American Sign Language 1 and 2. Students will gain fluency in the use of signing. Students in ASL 3H will learn the different meanings of words and what signs apply to those meanings as well as using the multiple meanings in conversation settings. Students will also learn in depth about the Deaf culture.

Course Code: 07173212

Credit: 1.0

AMERICAN SIGN LANGUAGE 4 HONORS

Grade level: 12

2 Semesters

Prerequisite: Successful completion of American Sign Language 3 Honors and meets honors course placement requirements.

This course expands the skills acquired in American Language 3. Specific content includes, but is not limited to, more advanced sign language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes. Media selections are varied and taken from authentic target language literacy.

Course Code: 0717314

Credit: 1.0

Fine and Performing Arts

Fine Arts

2 Dimensional Studio Art 1, 2, 3H
3 Dimensional Studio Art 1, 2, 3H
AP 2-D Art and Design
AP 3-D Art and Design
Art History and Criticism Honors
AP Art History
Ceramics 1, 2, 3H
Digital Art Imaging 1, 2, 3H
Creative Photography 1 & 2
Portfolio Design: 2D & 3D
Sculpture 1, 2, 3H

Performing Arts

Theatre 1, 2, 3H
Acting 4 Honors
Band 3, 4, 5H, 6H
Chorus 3, 4, 5H, 6H
Liturgical Ensemble
Music Theory 1, 2, AP
Music Technology and Sound Engineering 1 & 2
Guitar 1 & 2
Technical Theatre Design & Production 1

FINE ART COURSES

These courses fulfill the Practical/Performing/Fine Arts requirement for graduation.

CERAMICS 1

Grade level: 9-11

2 Semesters

This course is for students who are interested in developing skills with traditional hand-building ceramic clay methods. In ceramic studies and keep a sketchbook of their designs. The emphasis will be on well-crafted functional forms. Students will learn to master hand building techniques used throughout history to create functional yet artistic clay forms.

Course Code: 0102300

Credit: 1.0

CERAMICS 2

Grade level: 9-11

2 Semesters

Prerequisite: Successful completion of Ceramics 1 or Sculpture 1

This course builds on skills learned in Ceramics 1. Students will advance skills in hand-building techniques using additional low-fire clay bodies, be introduced to new glazing techniques and have a larger selection of glazes. In addition, the students will be encouraged to develop a personal style, produce quality works of high craftsmanship, and use combination building methods and keep a sketchbook.

Course Code: 0102310

Credit: 1.0

CERAMICS 3 HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of Ceramics 2 or Sculpture 2 and meets honors course placement requirements

This course builds on skills learned in Ceramics 1 and 2. Students will focus on extensive pottery work along with advanced work in hand building, will be introduced to the wheel and throwing techniques, and use of various clay bodies. Students will keep a sketchbook, and all projects will be designed after research and development of student ideas. Expanded information on commercial glaze formulas will be incorporated into the course.

Course Code: 0102320

Credit: 1.0

DIGITAL ART IMAGING 1

Grade level: 9-10

2 Semesters

Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. Students produce digital still images through the single or combined use of computers, digital cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth.

Course Code: 0108370

Credit: 1.0

DIGITAL ART IMAGING 2

Grade level: 10-12

2 Semesters

Prerequisite: Digital Art Imaging 1

This course will provide an opportunity to explore and develop concepts, terminology, techniques, and applications to design, create, print, display and critique original 2-D graphic and fine art works of art. Students produce digital still images through the single or combined use of computers, digital cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies.

Course Code: 0108380

Credit: 1.0

FINE ART COURSES

DIGITAL ART IMAGING 3 HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Digital Art Imaging 2 and meets honors course placement requirements

This course will provide an opportunity to explore advanced topics through project-based work, becoming more self-directed in their acquisition and use of concepts, terminology, techniques, and applications to design, create, print, display and critique two-dimensional graphic and fine works of art in print and web formats.

Course Code: 0108390

Credit: 1.0

ART HISTORY AND CRITICISM 1 HONORS

Grade level: 10-12

1 Semester

Prerequisite: Meets honors course placement requirements

Students explore the role of art in history and culture through observation and analysis of significant works of art and architecture from Prehistory through the 16th century. Student historians investigate the societal context of works, considering traditional forms and conventions of representation, symbology, and the purposes for which art was created.

Course Code: 0100330

Credit: 1.0

AP ART HISTORY

Grade level: 10-12

2 Semesters

Prerequisite: Meets Advanced Placement course placement requirements in reading and minimum of an "A" average in current year honors English course

Students cultivate their understanding of art history through analyzing works of art and placing them in historical context as they explore concepts like culture and cultural interactions, theories and interpretations of art, the impact of materials, processes, and techniques on art and art making, and understanding purpose and audience in art historical analysis.

Course Code: 0100300

Credit: 1.0

SCULPTURE 1

Grade Level: 9-10

2 Semesters

This course provides students with the use of a variety of materials which may include clay, paper mache, plaster, and wood. Students consider the relationship of scale, through the use of positive and negative space or voids, volume, visual weight and gravity to create low/high relief of freestanding structures.

Course Code: 0111310

Credit: 1.0

SCULPTURE 2

Grade Level: 10-12

2 Semesters

Prerequisite: Successful completion of Sculpture 1 or Ceramics 1

This course explores spatial relationships through the use of non-objective, abstract, or representational forms, products, or structures. Students experiment with manipulating space-producing devices and special properties of structural art elements.

Course Code: 0111320

Credit: 1.0

SCULPTURE 3 HONORS

Grade Level: 11-12

2 Semesters

Prerequisite: Successful completion of Sculpture 2 or Ceramics 2 and meets honors course placement requirements

This course explores communicating a sense of 4-D, motion, and/or time, based on creative use of spatial relationships and innovative treatment of space and its components. Students experiment with processes, techniques, and media.

Course Code: 0111330

Credit: 1.0

FINE ART COURSES

PORTFOLIO DEVELOPMENT: 3-D DESIGN

Grade Level: 10-12

2 Semesters

Prerequisite: Successful completion of Sculpture 3H or Ceramics 3H or teacher recommendation.

This course provides an opportunity to work in a self-directed environment to develop a portfolio showing a body of the student's work that visually explores a particular artistic concern, articulated and supported by a written artist statement. Artists may work in multiple media that integrate 3-D design issues in a purposeful way. Students reflect on the aesthetics and art issues individually and as a group. They also manipulate the structural elements of art elements of art and organizational principles of design to create 3-D works of art that are progressively more innovative and representative of artistic and cognitive growth.

Course Code: 0109330

Credit: 1.0

ADVANCED PLACEMENT 3-D ART AND DESIGN

Grade Level: 12

2 Semesters

Prerequisite: Successful completion of Portfolio Development with an "A"

This course is intended for highly motivated students who are seriously interested in the study of art. Students will need to work outside the classroom and beyond scheduled periods. The course addresses three major concerns that are constant in the teaching of art: 1) a sense of quality in a student's work; 2) the student's concentration on a particular visual interest or problem and 3) the student's need for the breadth of experience in the formal, technical, and expressive means of the artist. The portfolio will enable students to show a fundamental competence and range of understanding in visual concerns and (methods). Students enrolled in this course are required to complete a summer assignment.

Course Code: 0109360

Credit: 1.0

2 DIMENSIONAL STUDIO ART 1

Grade level: 9-10

2 Semesters

This course engages students in planning of the complex two-dimensional artwork using imaginative combinations of materials. Teacher driven projects use techniques of traditional dry and wet materials. including but not limited to: drawing pencils, pens and markers, color pencils, tempera and watercolor paints Students will use a variety of mediums to create 2-D designs from research, observation and imagination.

Course Code: 0101300

Credit: 1.0

2 DIMENSIONAL STUDIO ART 2

Grade level: 10-12

2 Semesters

Prerequisite: Successful completion of 2-Dimensional Studio Art

This course builds on skills learned in 2-D Design. Students will search for parallels between visual structures in their natural and human-made environments. Students will translate their findings into visual themes. Evaluation and comparison of materials are incorporated in the visual themes of the students work and that of their peers. Teacher Driven projects teach additional materials and techniques in acrylic marker, pastel and colored pencils. Increased choice is allowed in subject or materials.

Course Code: 0101310

Credit: 1.0

2 DIMENSIONAL STUDIO ART 3 HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of 2-D Studio Art 2 and meets honors course placement requirements

Students will develop and refine technical skills and create 2-D compositions with a variety of media in drawing, painting, printmaking, collage, and/or design. Student artists sketch, manipulate, and refine the structural elements of art to improve mark-making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands-on activities and consumption of art materials.

Course Code: 0101320

Credit: 1.0

FINE ART COURSES

PORTFOLIO DEVELOPMENT: 2D DESIGN

Grade level: 11-12

2 Semesters

2 Semesters

Prerequisite: Successful completion of 2-Dimensional Studio Art 2 or teacher recommendation

This course provides an opportunity to work in a self-directed environment to develop a portfolio showing a body of the student's work that visually explores a particular artistic concern, articulated and supported by a written artist statement. Students may work in multiple media that integrate 2-Dimensional design issues in a purposeful way. Students reflect on the aesthetics and art issues individually and as a group. They also manipulate the structural elements of art elements of art and organizational principles of design to create 2-D works of art that are progressively more innovative and representative of artistic and cognitive growth.

Course Code: 0109320

Credit: 1.0

ADVANCED PLACEMENT 2-D ART AND DESIGN

Grade level: 12

2 Semesters

Prerequisite: Successful completion Portfolio Development with an "A"

This course is intended for highly motivated students who are seriously interested in the study of art. Students will need to work outside the classroom and beyond scheduled periods. The course addresses three major concerns that are constant in the teaching of art: 1) a sense of quality in a student's work; 2) the student's concentration on a particular visual interest or problem and 3) the student's need for the breadth of experience in the formal, technical, and expressive means of the artist. The portfolio will enable students to show a fundamental competence and range of understanding in visual concerns (and methods). Students enrolled in this course are required to complete a summer assignment.

Course Code: 0109350

CREATIVE PHOTOGRAPHY 1

Grade Level: 9-10

2 Semesters

This course allows for students to record visual ideas from their environments and experiences. The world of black and white, color and digital photography are explored in this course. Students develop vocabulary specific to the discipline of photography, including terminology for equipment, materials, and processes. Students analyze and compare trends in contemporary photography by viewing contemporary photography periodicals.

Course Code: 0108310

Credit: 1.0

CREATIVE PHOTOGRAPHY 2

Grade Level: 10-12

2 Semesters

Prerequisite: Passing Creative Photography 1

This course provides an opportunity to work with a variety of photographic media and techniques, and make connections with historical and contemporary photographers to develop a focused body of work. This course may include, but is not limited to researching the history of photography, making connections to contemporary and community photographers, critiquing with varied techniques, and experimenting with a variety of photographic media.

Course Code: 0108320

Credit: 1.0

PERFORMING ARTS COURSES

THEATRE 1

Grade level: 9-10

2 Semesters

This course explores various performance, technical, administrative aspects of theatre. Students learn about basic characterization through physical activity, reading selected theatre literature, reading and writing theatrical reviews, and analysis of such tools as scripts, costuming, and theatrical makeup. Public performances may serve as a resource for specific instructional goals. Students will be expected to attend one or more performances outside the school day to support, extend, and assess learning in the classroom. Students are required to work on either the Fall or Spring production.

Course Code: 0400310

Credit: 1.0

THEATRE 2

Grade level: 10-11

2 Semesters

Prerequisite: Successful completion of Theatre 1

This course is designed for students with a year of experience in or more, and promotes enjoyment and appreciation for all aspects of theatre through opportunities to build significantly on existing skills. Classwork focuses on characterization, playwriting, and playwrights' contributions to theatre; while improvisation, creative dramatics, and scene work are used to help students challenge and strengthen their acting skills and explore the technical aspect of scene work. Furthermore, students explore the pre-production and post-production of a theatrical performance with a final performance in the form of a public performance in the community. **Public performances may serve as a resource for specific instructional goals. Students are required to work on both the Fall and Spring production.**

Course Code: 0400320

Credit: 1.0

THEATRE 3 HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of Theatre 2 and auditions

This course is designed for students with significant experience in theatre, and promotes depth of engagement and lifelong appreciation for theater through a broad spectrum of teacher-assigned and self-directed study and performance. Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre in ways that are progressively more innovative. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of significant oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge. Emphasis will be on performance, class discussion and individual/group projects. This course will also have responsibilities for the technical production side of the after-school theatre program. **Students are required to work on both the Fall and Spring production.**

Course Code: 0400330

Credit: 1.0

ACTING 4 HONORS

Grade level: 11-12

2 Semesters

Prerequisite: Auditions

Students create characters for theatrical and film/video productions through scene, character, and technical analysis. Through improvisation, script writing, and aesthetic creation and collaboration, actors refine their working knowledge and independent thought, articulating and justifying their creative choices. Students' "critical eye" becomes more developed and significant mastery of artistic choices become evident. An inquiry-based capstone project may be required. Students will be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Public performances and theatrical competition, to include but not limited to school, district and state level competitions, will be required in this course. **Students will need to perform three individual competition events, as well as one-act performance.**

Course Code: 0400400

Credit: 1.0

PERFORMING ARTS COURSES

TECHNICAL THEATRE DESIGN & PRODUCTION 1

Grade Level: 9-10

2 Semesters

In this course, students focus on developing the basic tools and procedures for creating elements of technical theatre, including costumes. Lighting, makeup, properties (props), publicity, scenery, and sound. Students explore and learn to analyze dramatic scripts, seeking production solutions through historical, cultural, and geographic research. Students also learn the basics of standard conventions of design presentation and documentation; the organizational structure of theatre production and creative work in a collaborative environment; and resulting in artistic improvement. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

Course Code: 0400410

Credit: 1.0

BAND 3

Grade level: 9-10

2 Semesters

Prerequisite: Successful completion of Band 3

This course provides students with opportunities to develop musicianship skills in band and instrumental ensembles. The program aims at developing characteristic tone; techniques such as phrasing, dynamics and tempo; the development of reading literature; all major and minor keys; complex rhythmic values and meters; musical terms; the identification of melodic lines; and a description of musical listening skills. **As members of the Black and Gold Brigade, after-school and weekend activities are required.**

Course Code: 1302320

Credit: 1.0

BAND 4

Grade level: 10-11

2 Semesters

Prerequisite: Successful completion of Band 3

This course provides students with opportunities to develop musicianship skills in band and instrumental ensembles. The program aims at developing characteristic tone; techniques such as phrasing, dynamics and tempo; the development of reading literature; all major and minor keys; complex rhythmic values and meters; musical terms; the identification of melodic lines; and a description of musical listening skills. **As members of the Black & Gold Brigade, after-school and weekend activities are required.**

Course Code: 1302330

Credit: 1.0

BAND 5 HONORS

Grade Level: 11-12

2 Semesters

Prerequisite: Successful completion of Band 4

This course provides students with opportunities to develop musicianship skills in band and instrumental ensembles. The program aims at developing characteristic tone; techniques such as phrasing, dynamics and tempo; the development of reading literature; all major and minor keys; complex rhythmic values and meters; musical terms; the identification of melodic lines; and a description of musical listening skills. **As members of the Black and Gold Brigade, after-school and weekend activities are required.**

Course Code: 1302340

Credit: 1.0

BAND 6 HONORS

Grade Level: 12

2 Semesters

Prerequisite: Successful completion of Band 5 H

This course provides students with opportunities to develop musicianship skills in band and instrumental ensembles. The program aims at developing characteristic tone; techniques such as phrasing, dynamics and tempo; the development of reading literature; all major and minor keys; complex rhythmic values and meters; musical terms; the identification of melodic lines; and a description of musical listening skills. **As members of the Black and Gold Brigade, after-school and weekend activities are required.**

Course Code: 1302350

Credit: 1.0

PERFORMING ARTS COURSES

CHORUS 3 (BEGINNING CHOIR)

Grade level: 9-11

2 Semesters

This course provides students with a year of beginning to intermediate singing, sight-reading, and performance techniques. Students will perform standard choral repertoire at concerts, liturgies, community functions. Some after-school and/or weekends may be required. All students are welcome to enroll in this course.

Course Code: 1303320

Credit: 1.0

CHORUS 4 (ADVANCED TREBLE)

Grade Level: 9-12

2 Semesters

Prerequisite: Auditions

This course is an auditioned ensemble made up of Soprano and Alto voices. This course provides students with a year of advanced singing, sight-reading, and performance techniques. Students will perform standard choral repertoire at concerts, liturgies, and community functions. **Some after-school and/or weekends may be required.**

Course Code: 1303330

Credit: 1.0

CHORUS 5 HONORS (CONCERT CHOIR)

Grade Level: 9-12

2 Semesters

Prerequisite: Auditions

This course is an auditioned ensemble made of soprano, tenor, and bass voices. It provides students with a year of advanced singing, sight-reading, and performance techniques. Students will perform standard choral repertoire at concerts, liturgies, and community functions. **Some after-school and/or weekend activities may be required.**

Course Code: 1303340

Credit: 1.0

CHORUS 6 HONORS (ADVANCED CONCERT CHOIR)

Grade Level: 9-12

2 Semesters

Prerequisite: Auditions

This course is an auditioned ensemble made of soprano, tenor, and bass voices. It provides students with a year of advanced singing, advanced sight-reading, and performance techniques. Students will perform standard choral repertoire at concerts, liturgies, and community functions. **Some after-school and/or weekend activities may be required.**

Course Code: 1303350

Credit: 1.0

LITURGICAL ENSEMBLE

Grade level: 9-12

2 Semesters

Class is pass/fail only. Class may be taken multiple times.

This course focuses on liturgical singing, vocal production, and musical instrument performance. A variety of choral literature will be performed at liturgies and community functions. Some after-school and/or weekend activities may be required. The course meets during the 9th hour on Tuesday and Thursday. It is open to all voice types and all experience levels.

Course Code: 1301300

Credit: 1.0

MUSIC THEORY 1

Grade level: 9-11

2 Semesters

This course develops students' abilities to recognize and understand basic materials and processes in music. Mastery of rudiments and terminology in music with attention to musicianship, harmony, and melodic dictation are emphasized. Students should be able to demonstrate basic performance skills in voice or on an instrument.

Course Code: 1300300

Credit: 1.0

PERFORMING ARTS COURSES

ADVANCED PLACEMENT MUSIC THEORY

Grade level: 10-12

2 Semesters

Prerequisite: Successful completion of at least one Music Theory course with a minimum of "B" average and one music ensemble course, or teacher recommendation - open to all approved juniors and seniors with instructor permission only.

This course requires that students demonstrate previous vocal or instrumental music ability. The purpose of this course is to further develop students' abilities to recognize and understand basic materials and processes in music, while integrating aspects of melody, harmony, texture, form rhythm, musical analysis and elementary composition. The development of musicianship skills such as dictation, sight-singing, keyboard harmony, and other listening skills will be emphasized.

Course Code: 1300330

Credit: 1.0

MUSIC TECHNOLOGY & SOUND ENGINEERING 1

Grade level: 10-12

2 Semesters

This course exposes students through the history of electronic music and how computers and music came to coexist. They gain an understanding of the physics of sound and basic music theory. Students get hands-on experience with the latest software and technologies in the recording industry. They learn sequencing and compositional methods and both linear and non-linear recording techniques. A love for both music and technology are important. Students are required to produce two music projects for each nine-week grading period.

Course Code: 1304300

Credit: 1.0

MUSIC TECHNOLOGY & SOUND ENGINEERING 2

Grade level: 11-12

2 Semesters

Prerequisite: Passing Music Technology & Sound Engineering 1

This course builds on the skills learned in Digital Music 1, students will expand on their knowledge of electronic music. Students will be able to develop the skills necessary to use technology to record, store, manipulate, compose and reproduce sound in the form of digital music. Students in this course will explore legal digital music and generate work that will demonstrate their skill and love for music.

Course Code: 1304310

Credit: 1.0

GUITAR 1

Grade level: 9-12

2 Semesters

This course is designed for students who are interested in learning guitar basics. This course is specifically designed for students with no guitar experience. Students will learn how to play chords, read melodies, and experience playing in solo as well as ensemble settings. Enrollment in this course is limited. **This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.**

Course Code: 1301320

Credit: 1.0

GUITAR 2

Grade level: 9-12

2 Semesters

Prerequisite: Successful completion of Guitar 1

This course focuses more on ensemble playing, music reading, composition, and explores a wide range of guitar repertoire. Performing in front of others will be required of all students. Enrollment in this course is limited. **This course may also require students to obtain a musical instrument (borrow, rent, purchase) from an outside source.**

Course Code: 1301330

Credit: 1.0

PHYSICAL EDUCATION

H.O.P.E - PHYSICAL EDUCATION

Grade level: 9-11

2 Semesters

This course provides health information in such a way that it influences students to take positive action concerning their physical, emotional and social health. Physical fitness is a component of this course.

Course Code: 3026010

Credit: 1.0

TEAM SPORTS 1 /TEAM SPORTS 2

Grade level: 11-12

2 Semesters

Prerequisite: Successful completion of H.O.P.E.

This course is to provide the student with a knowledge and appreciation of teamwork, sportsmanship and strategy, as well as developing specific skills that will enable students to enjoy team sports. Team sports include flag football, floor hockey, lacrosse, whiffle ball, dodgeball, and many more. The rules and regulations of basketball as well as offensive, defensive and transition strategies as they play the game will have an emphasis in this class. Risks and safety procedures as well as good sportsmanship will be included for all sports.

Course Code: 1503350/

1503360

Credit: 1.0

WEIGHT TRAINING 1 & 2

Grade level: 10-12

2 Semesters

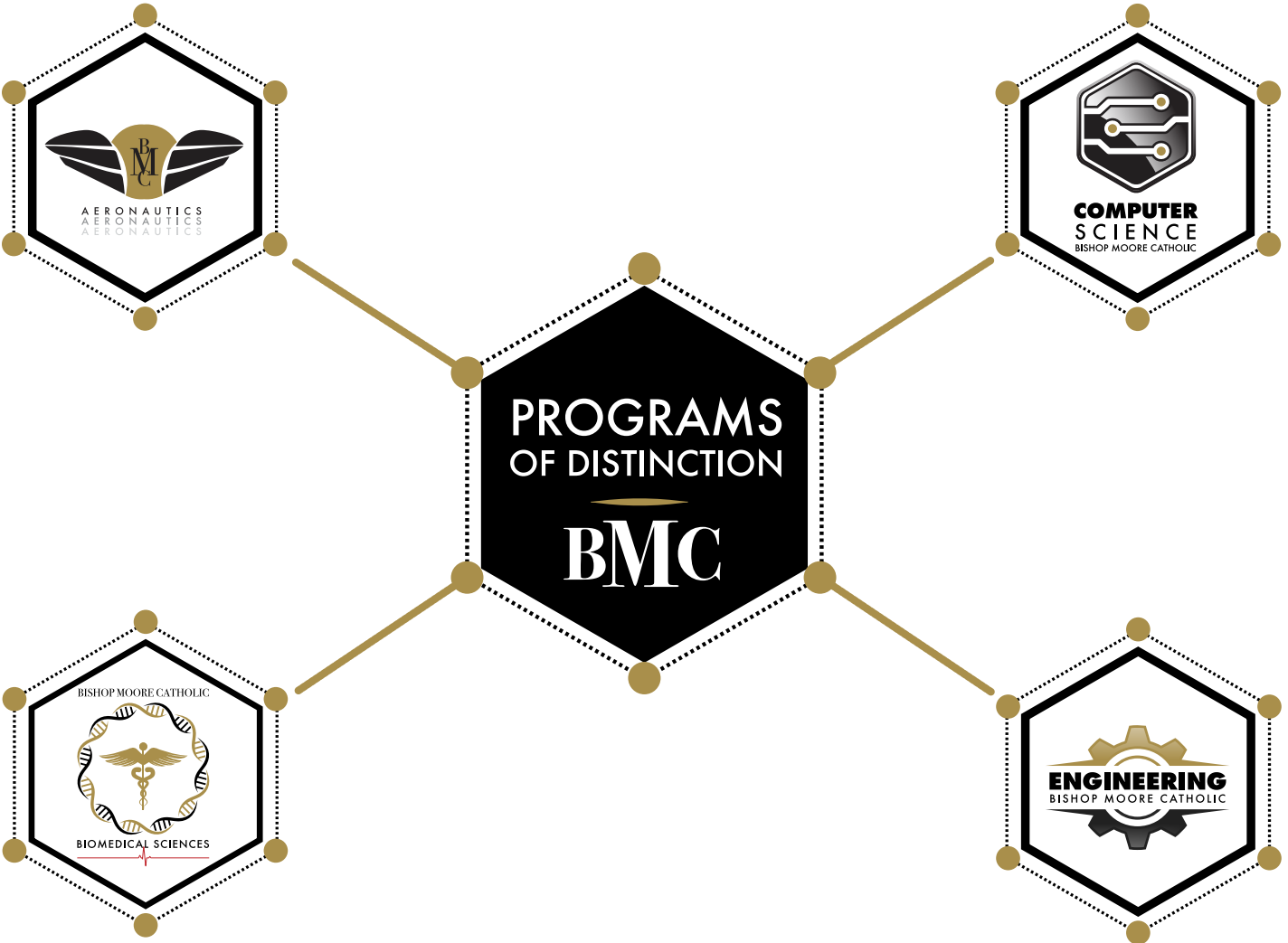
Prerequisite: Successful completion of H.O.P.E.

This course allows for students to acquire basic knowledge and skills in weight training and conditioning that may be used in current and future physical fitness pursuits, to improve muscular strength and endurance and to enhance body image. Basic exercise physiology is included.

Course Code: 1501340/

1501350

Credit: 1.0



Aeronautical Sciences Core

Course 1

AEROSPACE TECHNOLOGIES 1

Course 2

DE PRINCIPLES OF AERONAUTICS and
DE UNMANNED AIRCRAFT SYSTEMS

Course 3

DE UNMANNED AIRCRAFT OPERATIONS
and DE UNMANNED AIRCRAFT SECURITY

Course 4

DE PRIVATE PILOT OPERATIONS and
GROUND SCHOOL



AERONAUTICAL SCIENCES

AEROSPACE TECHNOLOGY 1

Grade level: 9-10

2 Semesters

This is a survey course designed to introduce high school students to various aspects of engineering, aviation and aerospace. Emphasis will be placed on science, technology, engineering, and mathematics (STEM) education as the core concepts required to succeed in the fields of aviation, aerospace and engineering. Aviation history and career opportunities will also be covered.

Course Code: 8600580

Credit: 1.0

DUAL ENROLLMENT: EMBRY-RIDDLE AERONAUTICAL UNIVERSITY



DE PRINCIPLES OF AERONAUTICS

Grade Level: 10-11

1 semester

Prerequisite: Successful completion of Aerospace Technologies I and meets dual enrollment course placement requirements

This is an introductory course in Aeronautical Science designed to provide the student with a broad-based aviation orientation in flight-related areas appropriate to all non-Aeronautical Science degree programs. Subjects include historical developments in aviation and the airline industry; theory of flight; airport operations; aircraft systems and performance; elements of air navigation; basic meteorology; air traffic principles; flight physiology; and aviation regulations and safety. This course provides elective credit only and cannot be used to fulfill a science requirement for high school graduation.

Course Code: 9505110

Credit: .5 HS/ 3.0 College

DE UNMANNED AIRCRAFT SYSTEMS

Grade Level: 10-11

1 Semester

Prerequisite: Successful completion of DE Principles of Aeronautics

This course is a survey of unmanned aircraft systems (UAS), emphasizing the military and commercial history, growth, and application of UAS. The course will include basic acquisition, use, and operation of UAS with an emphasis on operations.

Course Code: 9505110

Credit: .5 HS / 3.0 College

DE UNMANNED AIRCRAFT OPERATIONS

Grade Level: 11-12

1 Semester - first semester

Prerequisite: Successful completion of DE Unmanned Aircraft Systems and meets dual enrollment course placement requirements

This course provides an understanding of the core technologies of unmanned aircraft systems. The course will include: examinations of the design concepts, power plants, control systems, and communication technologies utilized in current and unmanned aircraft systems as well as those likely to be used in the next few years. **Embry-Riddle will require proof of citizenship for this course.**

Course Code: 9505120

Credit: .5 HS / 3.0 College

DE UNMANNED AIRCRAFT SECURITY

Grade Level: 12

1 Semester

Prerequisite: Successful completion of DE Unmanned Aircraft Operations and meets dual enrollment course placement requirements

This course is focused on the concepts of UAS security and protection. This course examines the concepts of security engineering, vulnerability, and malicious attack. Students will formulate opinions and strategies for protecting systems and assets from danger while understanding the implications of ignoring security concerns. **Embry-Riddle will require proof of citizenship for this course.**

Course Code: 9505120

Credit: .5 HS / 3.0 College

DE PRIVATE PILOT OPERATIONS/GROUND SCHOOL

Grade Level: 12

2 Semesters

Prerequisite: Successful completion of DE UA Operations and Aircraft Security meets dual enrollment course placement requirements

This course develops the aeronautical knowledge required for certification as a Private Pilot with an Airplane Single Engine Land rating. Topics include regulations, safety, pre-solo operations, cross-country planning, airspace, chart use, communications, weather, performance, weight and balance, aerodynamics, and decision-making. **Embry-Riddle will require proof of citizenship for this course.**

Course Code: 9505130

Credit: 1 HS/ 5.0 College

Biomedical Sciences

Course 1

PRINCIPLES OF BIOMEDICAL SCIENCE

Course 2 through Course 4

Course listed is the first in the BMC Biomedical Sciences Program of Distinction. Courses will be added in subsequent years to create a full four-year program.

Elective Course

CARE AND PREVENTION OF ATHLETIC INJURIES
- and -
FIRST AID AND SAFETY



BIOMEDICAL SCIENCE

PRINCIPLES OF BIOMEDICAL SCIENCE

Grade level: 9-10

2 Semesters

In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.

***This is the first course in the Biomedical Science program of distinction. Courses will be added in subsequent years to create a full four-year program.**

Course Code: 8708110

Credit: 1.0

CARE AND PREVENTION OF ATHLETIC INJURIES/FIRST AID AND SAFETY

Grade level: 10-12

2 Semesters

This course provides a basic overview of the causes and preventions of unintentional injuries, appropriate emergency response to those injuries and crisis response planning. Safety education should include cardiopulmonary resuscitation (CPR), the use of an automatic external defibrillator (AED), first aid for obstructed airway, and injury prevention. This will be taught in partnership with Advent Health and Orlando Sports Medicine.

Course Code: 8708110

Credit: 1.0

Computer Science

Course 1

FOUNDATIONS OF PROGRAMMING

Course 2

AP COMPUTER SCIENCE PRINCIPLES - or -
FOUNDATIONS OF WEB DESIGN - or -
FOUNDATION OF ROBOTICS - or -
GAMING AND SIMULATION FOUNDATIONS

Course 3

AP COMPUTER SCIENCE A - or -
FOUNDATIONS OF WEB DESIGN - or -
FOUNDATION OF ROBOTICS - or -
GAMING AND SIMULATION FOUNDATIONS

Course 4

AP COMPUTER SCIENCE PRINCIPLES - or -
AP COMPUTER SCIENCE A - or -
FOUNDATIONS OF WEB DESIGN - or -
FOUNDATION OF ROBOTICS - or -
GAMING AND SIMULATION FOUNDATIONS



**COMPUTER
SCIENCE**
BISHOP MOORE CATHOLIC

COMPUTER SCIENCE

FOUNDATIONS OF PROGRAMMING

Grade level: 9

2 Semesters

This course explores and practices basic programming concepts using Python. Students get a practical introduction to computer programming and application development. This course prepares students for more advanced programming courses. Python is a versatile programming language, suitable for projects ranging from small scripts to large systems. Students will explore the large standard library of Python 3, which supports many common programming tasks. No prior programming experience required.

Course Code: 9007210

Credit: 1.0

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

Grade level: 10-12

2 Semesters

Prerequisite: Foundations of Programming

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career. This course is intended to prepare students to take the AP Computer Science Principles exam.

Course Code: 0200335

Credit: 1.0

ADVANCED PLACEMENT COMPUTER SCIENCE A

Grade level: 11-12

2 Semesters

Prerequisite: AP Computer Science Principles

This course is an advanced programming course and is intended to prepare students to take the AP Computer Science exam. This class is for self-motivated students and will require significant independent work activities.

Course Code: 0200320

Credit: 1.0

FOUNDATIONS OF WEB DESIGN

Grade level: 10-12

2 Semesters

Prerequisite: Foundations of Programming

This course teaches website design and development. Students learn basic website concepts and give them hands-on experience building websites with professional website development tools. Students will acquire knowledge of the fundamental components that make a website function, design multiple websites of varying difficulty levels using a project-based approach, and learn how to launch and promote a fully functional website. This course covers standard website design technologies and skills such as HTML, CSS, content management systems (CMS), the software development cycle, and more.

This course fulfills the Practical/Performing/Fine Arts requirement for graduation.

Course Code: 9001110

Credit: 1.0

FOUNDATIONS OF ROBOTICS

Grade level: 10-12

2 Semesters

Prerequisite: Foundations of Programming

This course will allow students to become familiar with the basics of robotics and programming through teamwork. The focus of this course is to seamlessly integrate the interdependent disciplines of Science, Technology, Engineering and Math (STEM) into a focused and stimulating real-world relevant Robotics curriculum. Also embedded are engineering (mechanical, electrical, and software), design, innovation, communications, small group collaboration, critical thinking skills, and knowledge relevant for continued success.

***This course fulfills the Practical/Performing/Fine Arts requirement for graduation.**

Course Code: 9410110

Credit: 1.0

COMPUTER SCIENCE

GAMING & SIMULATIONS FOUNDATIONS

Grade level: 10-12

2 Semesters

Prerequisite: Foundations of Programming

The content includes but is not limited to practical experiences in game/simulation conceptualization, design, storyboarding, development methodologies, 2D/3D animation design and production, and implementation issues.

Please note: **This course fulfills the Practical/Performing/Fine Arts requirement for graduation.**

Course Code: 8208110

Credit: 1.0

Engineering Program

Course 1

INTRODUCTION TO ENGINEERING DESIGN

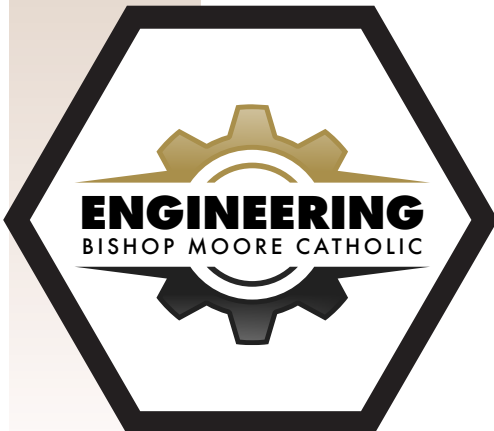
Course 2

PRINCIPLES OF ENGINEERING

Course 3 and Course 4

Courses listed are the first and second of the Engineering Program of Distinction.

Courses will be added in subsequent years to create a full four-year program.



ENGINEERING

INTRODUCTION TO ENGINEERING DESIGN

Grade level: 9-10

2 Semesters

Course Code: 8600550

Credit: 1.0

This course exposes students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, they will learn to use 3D solid modeling design software to design solutions to problems. Students will develop problem solving skills and apply their knowledge of research and design to create solutions, document the process, and communicate the results.

This course fulfills the Practical/Performing/Fine Arts requirement for graduation.

***This is the first course in the Engineering program of distinction. Courses will be added in subsequent years to create a full four-year program.**

PRINCIPLES OF ENGINEERING

Grade Level 10-11

2 Semesters

Course Code: 8600520

Credit: 1.0

Prerequisite: Introduction to Engineering Design

This course will engage and challenge students to explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

***This is the second course in the Engineering program of distinction. Courses will be added in subsequent years to create a full four-year program.**

MISCELLANEOUS

LEARNING STRATEGIES

Grade level: 9-12

1 Semester (Periods separated by grade level)

Prerequisite: Director of Academic Support recommendation

This course is designed to assist students in developing learning and study strategies that they will apply independently across the curriculum. During the course, students analyze their individual learning styles and learning modes and how these impact the student's approach to study. Other topics presented and applied to daily schoolwork include goal-setting, organization and time management, listening skills, note-taking techniques, reading textbooks, writing strategies, memory strategies, and preparation for taking tests. Course materials include related handouts and the textbooks students utilize during the academic year. This course may be required of some incoming 9th grade students. This course may be repeated based on Director of Academic Support recommendation.

Course Code: 7963080

Credit: 1.0

INDEPENDENT STUDY

Grade level: 10 -12

2 Semesters

Prerequisite: Counselor recommendation

The purpose of this course is to allow students to complete outside assignments within the period of the school day.

Course Code: 2200300

Credit: None

PEERS AS PARTNERS IN LEARNING (PIT CREW)

Grade level: 11-12

2 Semesters

Prerequisite: Students interested in this course must complete an application from the Academic Support Office.

Students must be in good academic standing and should not have a significant number of school absences.

For more information, please see the Director of Academic Support.

This course provides students enrolled with reciprocal academic and social benefits to students with disabilities and their peers without disabilities. Students enrolled in this course will learn and apply knowledge and skilled practices in the areas of academic engagement, communication, social barriers, leadership, problem solving, and other disability related topics such as historical perspectives, inclusion, Universal Design for Learning, person-first language, presumed competence, social justice for minority populations, and media representation of diverse people. Students enrolled in this course will serve assisting in specific classes or working with special education students from Morning Star school.

Course Code: 1400340

Credit: 1.0