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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 1300 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:** AdvancED and FCC
- **CURRICULUM:** Academic Offerings – Standard Level, Honors Level, Dual Enrollment, and Advanced Placement
- **CLUBS:** Full complement of clubs and student organizations including: Hornet House of Representatives, honor societies, service organizations and social club
- **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 26/28 credits, and met all BMC mandatory course requirements to graduate. In addition to the credits listed below, students are required to complete 25 hours of community service per year of attendance at Bishop Moore Catholic. This catalog may change from year to year. All community service hours must be logged electronically by the student through Naviance Student/x2VOL system.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Religion</td>
<td>4</td>
</tr>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Math</td>
<td>4</td>
</tr>
<tr>
<td>Algebra 1 *</td>
<td></td>
</tr>
<tr>
<td>Algebra 2 *</td>
<td></td>
</tr>
<tr>
<td>Geometry *</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>4</td>
</tr>
<tr>
<td>World Geography *</td>
<td></td>
</tr>
<tr>
<td>World History *</td>
<td></td>
</tr>
<tr>
<td>United States History *</td>
<td></td>
</tr>
<tr>
<td>Government/Economics *</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
</tr>
<tr>
<td>Biology *</td>
<td></td>
</tr>
<tr>
<td>Chemistry *</td>
<td></td>
</tr>
<tr>
<td>starting with class of 2026</td>
<td></td>
</tr>
<tr>
<td>Practical/Performing/Fine Art **</td>
<td>1</td>
</tr>
<tr>
<td>H.O.P.E. **</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td>7</td>
</tr>
<tr>
<td>Total</td>
<td>28</td>
</tr>
</tbody>
</table>

* required courses
**To be completed by the end of sophomore year
Electives must include 2 consecutive years of a World Language

Disclaimer: The Class of 2023 and 2024 will need to have 26 credits with 5 electives to graduate.
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 log in 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 and report cards. This service allows parents and students to check academic progress on demand. Some assignments (essays, lab reports, research papers, etc.) may take longer than a week to grade. An “M” indicates that it is missing and counts as a zero. 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. All course selections are completed by the end of March.

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 begins in January. 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 #.
PLACEMENT IN COURSES

Ninth grade placement is determined by percentile ranks on standardized exams, placement tests, and grades. Letters of recommendation from the prior school and/or instructors are not required. To retain course placement throughout the 9th grade, the student must maintain a grade requirement. (See Honors Courses section.) 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, the student must maintain a grade requirement. This guide will indicate the grade needed. 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. Consideration for placement in honors courses for incoming students include a required grade average in a subject and a score in a designated percentile rank on a standardized exam.

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

<table>
<thead>
<tr>
<th>ADVANCED PLACEMENT COURSE OFFERINGS</th>
<th>AP Art History</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Biology</td>
<td>AP European History</td>
</tr>
<tr>
<td>AP Calculus AB</td>
<td>AP French</td>
</tr>
<tr>
<td>AP Calculus BC</td>
<td>Language</td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>AP Human</td>
</tr>
<tr>
<td>AP Computer Science A</td>
<td>Geography</td>
</tr>
<tr>
<td>AP Computer Science Principles</td>
<td>AP Latin</td>
</tr>
<tr>
<td>AP English Language and Composition</td>
<td>AP Microeconomics</td>
</tr>
<tr>
<td>AP English Literature and Composition</td>
<td>AP Macroeconomics</td>
</tr>
<tr>
<td></td>
<td>AP Music Theory</td>
</tr>
<tr>
<td></td>
<td>AP Physics 1</td>
</tr>
<tr>
<td></td>
<td>AP Physics 2</td>
</tr>
<tr>
<td></td>
<td>AP Physics C</td>
</tr>
<tr>
<td></td>
<td>AP Psychology</td>
</tr>
<tr>
<td></td>
<td>AP 2D Art &amp; Design</td>
</tr>
<tr>
<td></td>
<td>AP 3D Art &amp; Design</td>
</tr>
<tr>
<td></td>
<td>AP Spanish Language</td>
</tr>
<tr>
<td></td>
<td>AP Spanish Literature</td>
</tr>
<tr>
<td></td>
<td>AP Statistics</td>
</tr>
<tr>
<td></td>
<td>AP United States Government</td>
</tr>
<tr>
<td></td>
<td>AP United States History</td>
</tr>
<tr>
<td></td>
<td>AP World History</td>
</tr>
<tr>
<td></td>
<td>AP Comparative &amp; Politics</td>
</tr>
</tbody>
</table>

Advanced Placement courses are college-level courses which are taken on the Bishop Moore Catholic High School campus. Students enrolled in Advanced Placement courses are required to pay and to sit for the end of the course exam. College Board determines exam fees and designs the exams. College credit or placement 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 of enrolled students; full payment is due in December of the year prior to students sitting 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 College Board for any student who registers and is unable to take a scheduled exam.
DUAL ENROLLMENT COURSES

Dual Enrollment courses are offered through Barry University and Embry-Riddle Aeronautical University. In order for the courses to be scheduled, at least 10 students must be enrolled. Dual Enrollment courses will carry a full 1.0 added weight value for A/B/C grades over the non-weighted grades.

The Dual Enrollment courses are under the Barry University and Embry-Riddle Aeronautical University guidelines which include a strict attendance policy.

The Dual Enrollment program is an opportunity to take challenging college courses that become a part of a student’s permanent college transcript and permanent post-secondary grade point average(GPA). Students participating in dual enrollment options must have a 3.0 unweighted high school GPA. In order to continue their program, students must maintain a cumulative 3.0 unweighted GPA in their high school academic work and earn a 3.0 or better cumulative GPA in college-level work, as confirmed by Bishop Moore Catholic.

There will be a fee for each Dual Enrollment course as determined by each university. Students taking the Dual Enrollment courses will need to order a transcript from Barry University and/or Embry-Riddle University to be sent to every college to which they apply. Official transcripts are ordered online through the website at https://www.barry.edu/registrar/transcript.html and https://daytonabeach.erau.edu/about/records

APPEAL PROCESS

If students do not earn placement in an AP or Honors course they believe they are capable of completing, the students 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, the committee 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 a free period.

Level Changes - Students needing a level change at the beginning of the school year must submit the request in writing to the School Counseling Dept by the end of the 2nd week of school. Any level change requested 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 in order to establish 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:

- 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 / Learning Lab 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 3 credits (total) for grades 9-12. 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. Only Ds and Fs will be eligible for grade forgiveness. Students must make a formal application to their school counselor to take courses for grade forgiveness prior to enrolling in the course. All courses for Grade Forgiveness must be completed within a semester. First semester courses (August-December) must be completed by May 15th. Second semester courses (January-May) must be completed by August 5th.

Students who have an outstanding course to complete for grade forgiveness may not sign up for any other FLVS course.

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 their school counselor and approved by the Administration. After the 2nd week, any incomplete grade will be averaged. Students will earn a zero for any work not madeup by the established deadline.

FLORIDA VIRTUAL SCHOOL

Approval for courses taken on FLVS require approval 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 over the non-weighted grades. Advanced Placement and Dual Enrollment courses will carry 1.0 in added weight value for A/B/C grades over the non-weighted grades.
MOORE ACADEMIC SCHOLARS (HONOR) DIPLOMA

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

<table>
<thead>
<tr>
<th>Total Credits Earned</th>
<th>26 credits [Class of 2025 and beyond will need 28 credits]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Honors/AP Courses</td>
<td>16 honors and/or APs [to include 4 AP courses, 2 of which must be senior year]</td>
</tr>
<tr>
<td>Math Courses</td>
<td>4 including Pre-Calculus</td>
</tr>
<tr>
<td>Science Courses</td>
<td>4 including Biology and Chemistry, and 2 more at the honors/AP level</td>
</tr>
<tr>
<td>World Language Courses</td>
<td>4 in the same language or through the AP course</td>
</tr>
<tr>
<td>Other Required Credits</td>
<td>1 credit Speech or 4 years of Art, Theatre, Band, or Choir [Liturgical Choir excluded]</td>
</tr>
<tr>
<td>GPA</td>
<td>3.8 cumulative weighted</td>
</tr>
<tr>
<td>Grade</td>
<td>No semester grade of D or F</td>
</tr>
</tbody>
</table>

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

TRANSCRIPTS

The School Counseling Department 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 through BMCHS for each of their first three years. [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 applying standardized testing accommodations. (Note: Obtaining approval for accommodations may take several months depending on the student’s situation. Planning well in advance is critical.)

FLORIDA BRIGHT FUTURES SCHOLARSHIP PROGRAM

College planning begins when the student begins 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 universities vary in their admission requirements. Therefore, students should familiarize themselves with the requirements 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 School Counseling Office provides opportunities for parents and students to become aware of the best way to prepare for college. Refer to the school calendar to plan ahead on attending the evening sessions for parents which are offered in English and Spanish.

Colleges and Universities
In order to be admissible at a college or university, students will need to meet minimum requirements for the schools for which they are applying. Every institution has its own admission requirements. Please check individual college requirements via Naviance Student.

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 program 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 also will be able to schedule appointments with college representatives visiting Bishop.
Moore Catholic High School in the fall term. Be sure to check your welcome messages, inboxes for new and important messages, as well as the links “from my school” for frequently updated information to get your student prepared for life after Bishop Moore Catholic High School! You can access it by clicking on Naviance Student on the Counseling Office website found on www.bishopmoore.org. Parents and students can sign in by using the same sign-in 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 your student, please consult their website at http://www.floridastudentfinancialaid.org/ssfad/bf/

**NCAA ELIGIBILITY**

**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**

If you want to play a sport at any NCAA Division I or II university, you must register and be certified by the NCAA Eligibility Center (formerly the Initial-Eligibility Clearinghouse). All high school student-athletes should be aware of and understand the NCAA Eligibility Center rules.

**What is the Eligibility Center?** The Eligibility Center sets NCAA minimum eligibility standards for incoming freshmen student-athletes and determines whether or not you have met those standards. To play at any NCAA Division I or II university you MUST register with the Eligibility Center, meet all Eligibility Center requirements, and be certified by the Eligibility Center.

**What are the standards I must meet?** The standards issued by the Eligibility Center are slightly different for Division I and Division II 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 2.3 GPA in core courses.
5. You must have a minimum qualifying score on the ACT or SAT.
NCAA ELIGIBILITY

What is a core course? Core courses are the foundation of the Eligibility Center’s standards. A core course is any course at your high school that has been reviewed and approved by the NCAA as a course that meets their academic standards. In other words, core courses are courses “approved” by the NCAA.

Is my core course GPA the same as my high school GPA? No, your high school GPA includes all of the courses you have 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 you have completed and uses the NCAA’s “quality points” system.

How can I setup a CORE COURSE GPA Calculator? Contact the athletic office to set up your free account to calculate your student’s core course GPA. This will allow you to review your student’s core course GPA with their School Counselor, coach, and athletic office staff and do projections. You will have access to all the current NCAA guidelines and can receive updates automatically.

What SAT/ACT test scores do I need? The test score requirements vary between Division I and Division II. For Division II, the test score requirements are the same for every student, regardless of GPA. To meet Division II requirements, you must achieve at least a 920 on the SAT or a sum score of 70 on the ACT.

For Division I, a sliding scale is used based on core course GPA. The higher your GPA, the lower your 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 your qualifier status. Download the document “Guide for the College-Bound Student-Athlete” from the Eligibility website for more information. When and how do I register with the NCAA Eligibility Center? You should first register with the Eligibility Center at the beginning of your junior year in high school. For all official forms and registration materials visit the NCAA Eligibility Center website at www.eligibilitycenter.org or contact them at the address and phone listed below.

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
INTRODUCTION TO CHRISTOLOGY
Course Code: 2101300
Grade level: 9
Credit: 0.5
1 Semester/First Semester
The purpose of this course is to introduce students to the Mystery of Jesus Christ, the Living Word of God, 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.

OLD TESTAMENT
Course Code: 2109410
Grade level: 9
Credit: 0.5
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.

NEW TESTAMENT
Course Code: 1005340
Grade level: 10
Credit: 0.5
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.

CHURCH HISTORY
Course Code: 2100370
Grade level: 10
Credit: 0.5
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.

CATHOLIC MORALITY
Course Code: 2105350
Grade level: 11
Credit: 0.5
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.
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 belief 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.

FREEDOM AND VIRTUE (DUAL ENROLMENT)
Grade level: 11
1 Semester/First Semester
Prerequisite: 3.0 unweighted GPA and enrollment of at least 10 students
Students must also have one of the following: an SAT Reading Test score of 24, an ACT Reading Score of 19, or a PERT Reading score of 106. 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.

COMPARATIVE RELIGIONS (DUAL ENROLMENT)
Grade level: 11
1 Semester/ Second Semester
Prerequisite: 3.0 unweighted GPA and enrollment of at least 10 students
Students must also have one of the following: an SAT Reading Test score of 24, an ACT Reading Score of 19, or a PERT Reading score of 106. 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.

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 benefit of others and the value in considering a vocation in service to the Christian community.
RELIGION

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.

SACRAMENTS (DUAL ENROLLMENT)
Grade level: 12
1 Semester/ Second Semester
Prerequisite: 3.0 unweighted GPA and enrollment of at least 10 students
Students must also have one of the following: an SAT Reading Test score of 24, an ACT Reading Score of 19, or a PERT Reading score of 106. 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.

CATHOLIC SOCIAL TEACHING (DUAL ENROLLMENT)
Grade level: 12
1 Semester/ First Semester
Prerequisite: 3.0 unweighted GPA and enrollment of at least 10 students
Students must also have one of the following: an SAT Reading Test score of 24, an ACT Reading Score of 19, or a PERT Reading score of 106. 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.
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.

ENGLISH 1 HONORS
Grade level: 9
2 Semesters
Prerequisite: Incoming 9th grade students must score in the 72nd percentile or above on the standardized testing or entrance exam in reading and an A in their previous school year language arts course.
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 follow MLA format and that focus on the entire writing process, including writing. 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.

ENGLISH 2
Grade level: 10
2 Semesters
This course includes continued instruction in writing, grammar, and 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.

ENGLISH 2 HONORS
Grade level: 10
2 Semesters
Prerequisite: “B” or above in English 1 Honors or an “A” in English 1 each semester
This course is designed for sophomores who have demonstrated above grade level skills in English 1. This course emphasizes writing, application and analyzing 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.
ENGLISH 3
Grade level: 11
2 Semesters
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 the 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.

ENGLISH 3 HONORS
Grade level: 11
2 Semesters
Prerequisite: “B” or above in English 2 Honors or an “A” in English 2 each semester
This course is designed for juniors who have demonstrated above grade level skills in English II. 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.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION
Grade level: 11
2 Semesters
Prerequisite: “A” in English 2 Honors each semester, and 550 or above evidence-based reading score on the PSAT/SAT or a 25 or above reading score on the PreACT/ACT
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.

ENGLISH 4
Grade level: 12
2 Semesters
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.
ENGLISH 4 HONORS
Grade level: 12
2 Semesters
Prerequisite: “B” or above in English 3 Honors or an “A” in English 3 each semester
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 analyses. 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 authors’ 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. Papers of varied length are required in addition to an MLA formatted and documented research paper.
In addition to summer reading, students will be expected to read and analyze books over the course of the year.

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION
Course Code: 1001430
Credit: 1.0
Grade level: 12
2 Semesters
Prerequisite: “B” or above in AP Language and Composition or an “A” in English 3 Honors each semester 550 or above evidence-based reading score on the PSAT/SAT or a 25 or above reading score on the PreACT/ACT
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.

JOURNALISM HONORS WITH YEARBOOK 1
Course Code: 1006331
Credit: 1.0
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 on 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.

JOURNALISM HONORS WITH YEARBOOK 2
Course Code: 1006332
Credit: 1.0
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.
JOURNALISM H WITH YEARBOOK 3
Course Code: 1006333
Grade level: 12
Credit: 1.0
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.

INTENSIVE WRITING
Course Code: 1000420
Grade level: 9-11
Credit: 1.0
2 Semesters
The course emphasizes the development and use of fundamental writing and language skills for original expression in a variety of academic, technical, and creative formats using a variety of grade appropriate texts encompassing a range of complexity. Students enrolled in the course will engage in research, write in response to reading, and cite evidence to answer text dependent questions both orally and in writing. The course provides extensive opportunities for students to collaborate with their peers.

MULTICULTURAL LITERATURE
Course Code: 1005300
Grade level: 10-12
Credit: 1.0
2 Semesters
The purpose of this course is to enable students, using texts with appropriate complexity, to develop knowledge of multicultural literature through integrated educational experiences of reading, writing, speaking and 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.
Language Arts Core

9th Grade
ENGLISH 1

10th Grade
ENGLISH 2

11th Grade
ENGLISH 3

12th Grade
ENGLISH 4

HONORS

ENGLISH 1 (H)
ENGLISH 2 (H)
ENGLISH 3 (H)
ENGLISH 4 (H)

HONORS to ADVANCED PLACEMENT

ENGLISH 1 (H)
ENGLISH 2 (H)
AP LANGUAGE AND COMPOSITION
AP LITERATURE
## 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:** Incoming 9th grade students must score in the 72nd percentile or above on the standardized testing or entrance exam in math and an A average in their previous school year math course

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:** 10-11  
**2 Semesters**

**Prerequisite:** Passing 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:** 10-11  
**2 Semesters**

**Prerequisite:** “B” or above in Algebra 1 Honors, “B” or above in Algebra 2 Honors for 9th graders, or an “A” in Algebra 1 each semester

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
ALGEBRA 2
Course Code: 1200330
Grade level: 10-12
2 Semesters
Prerequisite: Passing 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.

ALGEBRA 2 HONORS
Course Code: 1200340
Grade level: 9-11
2 Semesters
Prerequisite: Incoming 9th graders: students must score a 92nd percentile or above on the standardized testing or entrance exam and an A in Algebra I, along with scoring an 85 or above on the Diocesan Algebra 1 Proficiency Exam. Current students/transfers must have a “B” or above in Geometry Honors or an “A” in Geometry each semester
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.

PRE-CALCULUS HONORS
Course Code: 1202340
Grade level: 10-12
2 Semesters
Prerequisite: “B” or above in Algebra 2 Honors and Geometry Honors each semester
This course provides a mathematically sound foundation for students who intend to study Calculus. Topics include but 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+ CE graphing calculator is required for this course.
MATHEMATICS

PROBABILITY AND STATISTICS WITH APPLICATIONS HONORS  
Course Code: 1210300  
Credit: 1.0  
Grade level: 11-12  
2 Semesters  
Prerequisite: “B” or above in Algebra 2 Honors or an “A” in Algebra 2 each semester  
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.

CALCULUS HONORS  
Course Code: 1202300  
Credit: 1.0  
Grade level: 10-12  
2 Semesters  
Prerequisite: “B” or above in PreCalculus Honors or an “A” in PreCalculus each semester  
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.

ADVANCED PLACEMENT STATISTICS  
Course Code: 1210320  
Credit: 1.0  
Grade level: 11-12  
2 Semesters  
Prerequisite: an “A” in PreCalculus Honors each semester is highly recommended (students can be concurrent in Pre-Calculus Honors) and a 550 or above evidence-based reading score on the PSAT/SAT or a 25 or above reading score on the PreACT/ACT and a 550 or above math score on the PSAT/SAT or a 25 or above math score on the PreACT/ACT  
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, and  
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.

ADVANCED PLACEMENT CALCULUS AB  
Course Code: 1202310  
Credit: 1.0  
Grade level: 10-12  
2 Semesters  
Prerequisite: an “A” in PreCalculus Honors each semester and a 550 or above math score on the PSAT/SAT or a 25 or above math score on the PreACT/ACT  
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.
ADVANCED PLACEMENT CALCULUS BC
Grade level: 11-12
2 Semesters
Prerequisites: “B” or higher in AP Calculus AB both semesters
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 in May. A TI 84+ CE calculator is required. Students enrolled in this course are required to complete a summer assignment.
SCIENCE

BIOLOGY
Grade level: 9
2 Semesters
This course is required for graduation. 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.

BIOLOGY HONORS
Grade level: 9
2 Semesters
Prerequisite: Incoming 9th grade students must score in the 72nd percentile or better on the reading section of the standardized testing or entrance exam and an A in eighth grade science. Students should be concurrent or have completed Algebra 1 Honors This course is required for graduation.
This course provides students with an 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. The course gives students more in-depth experience than in the regular 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.

CHEMISTRY
Grade level: 10-11
2 Semesters
This course is required for graduation. 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 gases, physical changes, acids, bases, and salts, and energy associated with physical and chemical changes. Laboratory activities are an integral part of this course.

CHEMISTRY HONORS
Grade level: 10-12
2 Semesters
Prerequisite: “B” or above in Biology Honors or an “A” in Biology each semester and a “B” or above in Algebra 1 Honors each semester
This course provides students with the study of the 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.
PHYSICS
Course Code: 2003380
Grade level: 11-12
Credit: 1.0
2 Semesters
Prerequisite: “C” or above in Chemistry each semester and concurrent with Algebra 2
This course provides students with an introductory study of the theories and laws governing the interaction of matter, energy, and forces. Content includes classical mechanics, sound & light, and electricity & 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.

PHYSICS HONORS
Course Code: 2003390
Grade level: 11-12
Credit: 1.0
2 Semesters
Prerequisite: “B” or above in Chemistry Honors each semester. “B” or above in Pre-Calculus Honors each semester is highly recommended; however, students can be concurrent with Pre-Calculus Honors
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.

ADVANCED PLACEMENT BIOLOGY
Course Code: 2000340
Grade level: 10-12
Credit: 1.0
2 Semesters
Prerequisite: an “A” in Biology Honors each semester and completed or concurrent in Chemistry Honors and completed or concurrent in Geometry Honors and a 550 or above evidence-based reading score on the PSAT/SAT or a 25 or above reading score on the PreACT/ACT and a 550 or above math score on the PSAT/SAT or a 25 or above math score on the PreACT/ACT
This course is equivalent to a college level course in Biology. This course will expand on biology and chemistry coursework. 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.

ADVANCED PLACEMENT CHEMISTRY
Course Code: 2003370
Grade level: 11-12
Credit: 1.0
2 Semesters
Prerequisite: an “A” in Chemistry Honors each semester and a 550 or above math score on the PSAT/SAT or a 25 or above math score on the PreACT/ACT
This course is equivalent to a first-year course in college Chemistry. It will expand on those topics covered in Honors Chemistry with an emphasis on application of the concepts. In addition to the regular schedule, this course will require additional lab activities.
MARINE SCIENCE
Course Code: 2002500
Grade level: 11-12
Credit: 1.0
2 Semesters
Prerequisite: Passing Biology and one other science course
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.

MARINE SCIENCE HONORS
Course Code: 2002510
Grade level: 11-12
Credit: 1.0
2 Semesters
Prerequisite: “B” or above in Chemistry Honors or an “A” in Chemistry each semester.
This course provides the student with an extensive survey of the marine biome. Content includes the origin of oceans, the nature of marine habitat, including chemical, physical, and geological aspects, ecology of the 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.

HUMAN ANATOMY AND PHYSIOLOGY
Course Code: 2000350
Grade level: 11-12
Credit: 1.0
2 Semesters
Prerequisite: “C” or above in Biology each semester. Can be taken concurrently with Chemistry or Chemistry Honors.
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, 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.

HUMAN ANATOMY AND PHYSIOLOGY HONORS
Course Code: 2000360
Grade level: 11-12
Credit: 1.0
2 Semesters
Prerequisite: “B” or above in Biology Honors or an “A” in Biology each semester. Can be taken concurrently with Chemistry or Chemistry Honors.
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.

ENVIRONMENTAL SCIENCE
Course Code: 2001340
Grade level: 10-12
Credit: 1.0
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.
ENVIRONMENTAL SCIENCE HONORS
Course Code: 2001341
Grade level: 10-12
Credit: 1.0
2 Semesters
Prerequisite: “B” or above in Biology Honors with a B or an “A” in Biology each semester.
Prerequisite: “B” or above in Biology Honors with a B or an “A” in Biology each semester.
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. The academic rigor and pace of this course is greatly increased from that of standard Environmental Science.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE
Course Code: 2001380
Grade level: 10-12
Credit: 1.0
2 Semesters
Prerequisite: “A” in an Honors Science course each semester, enrolled in English Honors and completed or concurrent in Chemistry Honors and a 550 or above evidence-based reading score on the PSAT/SAT or a 25 or above reading score on the PreACT/ACT and a 550 or above math score on the PSAT/SAT or a 25 or above math score on the PreACT/ACT
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.

FORENSIC SCIENCE
Course Code: 2002480
Grade level: 10-12
Credit: 1.0
2 Semesters
Prerequisite: “B” or above in Biology or a “C” or better in Chemistry each semester
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 spatter, and human remains. Students are taught proper collection, preservation, and laboratory analysis of various samples.

ADVANCED PLACEMENT PHYSICS 1
Course Code: 2003421
Grade level: 11-12
Credit: 1.0
2 Semesters
Prerequisite: Passing an Honors Science course with an A, enrolled in English Honors; completed or concurrent in Chemistry Honors; a 550 or above math score on the PSAT/SAT or a 25 or above math score on the PreACT/ACT
AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. In addition to the regular schedule, this course will require additional lab activities.

ADVANCED PLACEMENT PHYSICS 2
Course Code: 2003422
Grade level: 12
Credit: 1.0
2 Semesters
Prerequisite: “A” in Physics Honors and an “A” in PreCalculus Honors each semester and a 550 or above math score on the PSAT/SAT or a 25 or above math score on the PreACT/ACT
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.
ADVANCED PLACEMENT PHYSICS C
Course Code: 2003425
Grade level: 12
Credit: 1.0
2 Semesters
Prerequisite: “A” in Physics Honors each semester and concurrent in AP Calculus AB and a 550 or above math score on the PSAT/SAT or a 25 or above math score on the PreACT/ACT.
AP Physics C includes two college level courses, AP Physics C: Mechanics and AP Physics C: Electricity and Magnetism, each corresponding to approximately a semester of college physics work. This course serves as a foundation in physics for students majoring in the physical sciences or engineering. Methods of calculus are used in formulating physical principles and applying them to physical problems. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus, as well as continuing to develop a deep understanding of physics concepts. The course will cover topics in calculus based electrical forces, electric fields, Gauss’ Law, electrical potential, circuits, magnetism, electromagnetic theory, and Maxwell’s equations. In addition to the regular schedule, this course will require additional lab activities.

GENETICS HONORS
Course Code: 2000440
Grade level: 11-12
Credit: 1.0
2 Semesters
Prerequisite “B” or above in Biology Honors or an “A” in Biology each semester. Can be taken concurrently with Chemistry.
The course is designed to enhance and further detail the Genetics unit introduced in the Biology courses and to show the importance of Genetics in taking our understanding of humans to a new level. This course will cover the basics of hereditary both in both lecture and lab settings.

Course focuses on three areas of genetics: Mendelian genetics, molecular genetics, and population/evolutionary genetics. Real life application discussion integrates problem solving capabilities, offers an evolutionary perspective and will integrate descriptions of Mendelian genetics with molecular genetics and genomics so as to demonstrate the value of each of these different approaches.
### Science Pathway

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### Honors

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9th GRADE
Chemistry
Chemistry Honors
AP Biology
Care and Prevention of Athletic Injuries/First Aid*
Forensic Science

10th GRADE
Chemistry
Chemistry Honors
AP Biology
Care and Prevention of Athletic Injuries/First Aid*
Forensic Science

11th GRADE
Chemistry, Chemistry Honors, AP Chemistry
AP Biology
Genetics Honors
Care and Prevention of Athletic Injuries/First Aid*
Forensic Science
Human Anatomy, Human Anatomy Honors
Physics, Physics Honors, AP Physics 1, AP Physics 2

12th GRADE
Chemistry, Chemistry Honors, AP Chemistry
AP Biology
Genetics Honors
Care and Prevention of Athletic Injuries/First Aid*
Forensic Science
Human Anatomy, Human Anatomy Honors
Physics, Physics Honors, AP Physics 1, 2, C

*This class counts as an elective not a science class.

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SOCIAL STUDIES

WORLD GEOGRAPHY
Grade level: 9
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.

WORLD GEOGRAPHY HONORS
Grade level: 9
2 Semesters
Prerequisite: Prerequisite: Incoming 9th grade students must have an A each semester in the prior year history course and a 72nd percentile or above in reading on the standardized testing or entrance exam
This course provides students with the opportunity to acquire an understanding of the interrelationships between people and their environments. Students will explore geography in the context of the interrelated story of history. The course begins with an in-depth study of Geography and world regions and then progresses to the developments in world history from the ancient period through c. 1450 CE. Students will be expected to evaluate evidence, explain historical and geographic relationships and evaluate evidence.

ADVANCED PLACEMENT HUMAN GEOGRAPHY
Grade level: 9
2 Semesters
Prerequisite: Incoming 9th grade students must have an A each semester in the prior year history and English courses and a 92nd percentile or above in reading on the standardized testing or entrance exam
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.

WORLD HISTORY
Grade level: 10
2 Semesters
This course exposes students to the historical method and provides them with a basic understanding of the chronological development of humanity by examining political, economic, social, religious, military, dynastic, scientific, technical, cultural, and artistic events that have shaped and molded humanity. Content includes the history of civilizations and societies of North and South America, specifically the development of humanity from the earliest time, cradles of civilization, the contributions of classical cultures, the Middle Ages, the rise of nationalism in Europe, the Renaissance and Reformation, the worldwide Commercial Revolution, the Age of Enlightenment, the Napoleonic Era, the Industrial Revolution, the Age of Imperialism, World War I, Global Depression and rise of Totalitarianism, World War II, the Cold War Era, diversification of Communism, the development of the Third World, and contemporary world events.
SOCIAL STUDIES

WORLD HISTORY HONORS
Grade level: 10
2 Semesters
Prerequisite: “B” or above in World Geography Honors or an “A” in World Geography each semester
This course provides the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about change or progress as it relates to the development of humanity. This is done by analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning and interpretation, and the issues of external and internal validity. Content includes geohistoric development in time/space, comparative views of history, the origin and development of contrasting civilizations, an analysis of cultural universals, the role of religion in historical change, the varieties of contrasting political theories and philosophies, the role of science and technology as a social catalyst, nationalism, a cohesive force in history, the diversity of economic thought and practices, and analysis of the influence of major figures, events, and interpretations concerning the historical development of our present world order.

Course Code: 2109320
Credit: 1.0

ADVANCED PLACEMENT WORLD HISTORY
Grade level: 10
2 Semesters
Prerequisite: “B” or above in AP Human Geography or an “A” in World Geography Honors each semester and a 550 or above evidence-based reading score on the PSAT/SAT or a 25 or above reading score on the PreACT/ACT
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 the 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

UNITED STATES HISTORY HONORS
Grade level: 11
2 Semesters
Prerequisite: “B” or above in World History Honors or an “A” in World History each semester
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, 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 project-based 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: “B” or above in AP World History or an “A” in World History Honors each semester; a PSAT/SAT evidence-based reading score of 550 or above or an Aspire reading score of 433 or an ACT reading score of 25

This course provides a college-level course in United States history. This course challenges the student who is 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 I and II, 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 government 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

### UNITED STATES GOVERNMENT HONORS
Grade level: 12
1 Semester
Prerequisite: “B” or above in United States History or an “A” in United States History each semester

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: “B” or above in United States History Honors or an “A” in United States History each 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. 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

**Course Code:** 2106420  
**Credit:** 0.5

**Grade level:** 12

1 Semester (This class is paired with AP Microeconomics). Course fulfills graduation requirement. 

**Prerequisite:** “B” or above in AP United States History or an “A” in United States History Honors each semester and a 550 or above evidence-based reading score on the PSAT/SAT or a 25 or above reading score on the PreACT/ACT

This course provides a college-level course in United States government. 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.

### ADVANCED PLACEMENT MICROECONOMICS

**Course Code:** 2102360  
**Credit:** 0.5

**Grade level:** 12

1 Semester (This class is paired with AP United States Government). Course fulfills graduation requirement. 

**Prerequisite:** “B” or above in AP United States or an “A” in United States History Honors each semester and a 550 or above math score on the PSAT/SAT or a 25 or above math score on the PreACT/ACT

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 of 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.

### ADVANCED PLACEMENT COMPARATIVE GOV’T & POLITICS

**Course Code:** 2106430  
**Credit:** 0.5

**Grade level:** 11-12

1 Semester (This class is paired with AP Macroeconomics) 

**Prerequisite:** “B” or above in AP United States History or an “A” in United States History Honors each semester and a 550 or above math score on the PSAT/SAT or a 25 or above math score on the PreACT/ACT

This course emphasizes the study of major political concepts, analyze patterns of political processes and behavior and their consequences, and compare and contrast political institutions and processes across countries. Students enrolled in this course are required to complete a summer assignment.
ADVANCED PLACEMENT MACROECONOMICS  
Course Code: 2102370  
Grade level: 11-12  
Credit: 0.5  
1 Semester (This class is paired with AP Comparative Gov’t & Politics)  
Prerequisite: “B” or above in AP United States History or an “A” in United States History Honors each semester and a 550 or above math score on the PSAT/SAT or a 25 or above math score on the PreACT/ACT  
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. 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.

SOCIOLOGY  
Course Code: 2108300  
Grade level: 10-12  
Credit: 0.5  
1 Semester (This class is paired with Psychology)  
Prerequisite: “C” or above in a previous social studies course each semester  
This course introduces students to Sociology, 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.
### SOCIAL STUDIES

#### PSYCHOLOGY 1
- **Course Code:** 2107300
- **Credit:** 0.5
- **Grade level:** 10-12
- **Semester:** 1 Semester (This class is paired with Sociology)

**Prerequisite:** "C" or above in a previous social studies course each semester

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.

#### HUMANITIES HONORS
- **Course Code:** 0900305
- **Credit:** 0.5
- **Grade level:** 10-12
- **Semester:** 1 Semester (This class is paired with Art History and Criticism Honors)

**Prerequisite:**

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.

#### CONSTITUTIONAL LAW HONORS
- **Course Code:** 2106468
- **Credit:** 1.0
- **Grade level:** 10-12
- **Semester:** 2 Semesters

**Prerequisite:** "A" in Social Studies core course each semester or a "B" in Honors Social Studies core course each semester

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.
ADVANCED PLACEMENT PSYCHOLOGY
Course Code: 2107350
Grade level: 11-12
1 Semesters
Prerequisite: “B” or above in a previous AP social studies course or an “A” in a previous honors social studies course each semester and a 550 or above evidence-based reading score on the PSAT/SAT or a 25 or above reading score on the PreACT/ACT
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.

ADVANCED PLACEMENT EUROPEAN HISTORY
Course Code: 2109380
Grade level: 10-12
2 Semesters
Prerequisite: “B” or above in AP Human Geography or an “A” in World Geography each semester and a 550 or above evidence-based reading score on the PSAT/SAT or a 25 or above reading score on the PreACT/ACT
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.
Social Studies Core

9th GRADE
WORLD GEOGRAPHY

10th GRADE
WORLD HISTORY

11th GRADE
U.S. HISTORY

12th GRADE
GOVERNMENT AND ECONOMICS WITH FINANCIAL LITERACY

HONORS

9th GRADE
WORLD GEOGRAPHY HONORS

10th GRADE
WORLD HISTORY HONORS

11th GRADE
U.S. HISTORY HONORS

12th GRADE
GOVERNMENT AND ECONOMICS WITH FINANCIAL LITERACY HONORS

ADVANCED PLACEMENT

9th GRADE
AP HUMAN GEOGRAPHY

10th GRADE
AP WORLD HISTORY

11th GRADE
AP U.S. HISTORY

12th GRADE
AP GOVERNMENT AND AP MICROECONOMICS

Social Studies Electives that can be taken concurrently with the above required core classes

AP European History, AP Psychology, Psychology/Sociology, Humanities H/Art History H Constitutional Law Honors AP Comparative Gov’t/AP Macroeconomics
ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES
Course Code: 0200335
Grade level: 9-12
Credit: 1.0
2 Semesters
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.

ADVANCED PLACEMENT COMPUTER SCIENCE A
Course Code: 0200320
Grade level: 10-12
Credit: 1.0
2 Semesters
Prerequisite: Completion of Foundations of Programming or 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.

FOUNDATIONS OF PROGRAMMING
Course Code: 9007210
Grade level: 10-12
Credit: 1.0
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.

GAMING & SIMULATIONS FOUNDATIONS
Course Code: 8208110
Grade level: 10-12
Credit: 1.0
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 counts as a Practical Art credit.

FOUNDATIONS OF WEB DESIGN
Course Code: 9001110
Grade level: 9-12
Credit: 1.0
2 Semesters
This course teaches website design and development. Students learn basic website concepts and gives 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.
INTRODUCTION TO ENGINEERING DESIGN
Grade level: 9-12
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.

FOUNDATIONS OF ROBOTICS
Grade level: 9-12
2 Semesters
Course Code: 9410110
Credit: 1.0
This course will allow the student to become familiar with the basics of robotics and programming through teamwork. The focus of the 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, & 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.
This course fulfills the Practical/Performing/Fine Arts requirement for graduation.
Not all classes will be offered every year.
** 9th GRADE
Introduction to Engineering Design**
Foundations of Robotics**

** 10th GRADE
Introduction to Engineering Design**
Foundations of Robotics**

** 11th GRADE
Introduction to Engineering Design**
Foundations of Robotics**
Principles of Engineering (2023-2024)**

** 12th GRADE
Introduction to Engineering Design**
Foundations of Robotics**
Principles of Engineering (2023-2024)**
Mentor Program (2024-2025)

** These courses fulfill the Practical/Performing/Fine Arts requirement for graduation.
Not all classes will be offered every year.
Aerospace Technology 1: An Introduction

Grade level: 9-10
Credit: 1.0
2 Semesters
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.

DE Principles of Aeronautics

Grade Level: 10-12
Credit: .5 HS/3.0 College
1 semester - first semester
Prerequisite: UGPA of 2.75+
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 theory; 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.

DE Unmanned Aircraft Systems

Grade Level: 10-12
Credit: .5 HS/3.0 College
1 Semester - second semester
Prerequisite: Completion of Principles of Aeronautics and UGPA of 2.75+
This course is a survey of unmanned aircraft systems (UAS), emphasizing the military and commercial history, growth, and application of UASs. The course will include basic acquisition, use, and operation of UASs with an emphasis on operations.

DE Unmanned Aircraft Operations

Grade Level: 10-12
Credit: .5 HS/3.0 College
1 Semester
Prerequisite: Completion of DE Aeronautics/DE Unmanned Aircraft Systems with a grade of “C” or above.
Embry Riddle will require proof of citizenship for this course.
This course provides an understanding of the core technologies of unmanned aircraft systems. The course will include examinations of the design concepts, powerplants, 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.

DE Unmanned Aircraft Security

Grade Level: 10-12
Credit: .5 HS/3.0 College
1 Semester
Prerequisite: Completion of DE Aeronautics/DE Unmanned Aircraft Systems with a grade of “C” or above.
Embry Riddle will require proof of citizenship for this course.
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.

Beginning in the 2023-2024 school year, the following courses will be offered in Aeronautics as dual enrollment with Embry Riddle:

- Private Pilot/Groundschool
Aeronautical Pathway

9th GRADE
Aerospace Technology 1: An Introduction

10th GRADE
Aerospace Technology 1: An Introduction
Principles of Aeronautics/Unmanned Aircraft*

11th GRADE
Unmanned Aircraft* UAS Operations/
UAS Security*

12th GRADE
Unmanned Aircraft* UAS Operations/
UAS Security*
Private Pilot/Groundschool*(2023-2024)

*Dual Enrollment with Embry-Riddle
FINE ART COURSES

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

2 DIMENSIONAL STUDIO ART 1
Course Code: 0101300
Credit: 1.0
Grade level: 9-11
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.

2 DIMENSIONAL STUDIO ART 2
Course Code: 0101310
Credit: 1.0
Grade level: 10-12
2 Semesters
Prerequisite: Passing 2 Dimensional Studio Art 1
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.

2 DIMENSIONAL STUDIO ART 3 HONORS
Course Code: 0101320
Credit: 1.0
Grade level: 10-12
2 Semesters
Prerequisite: Passing 2 Dimensional Studio Art 2 with an “A”
Students 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.

PORTFOLIO DEVELOPMENT: 2D DESIGN HONORS
Course Code: 0109320
Credit: 1.0
Grade level: 11-12
2 Semesters
Prerequisite: Passing 2 Dimensional Studio Art 2 with an “A” and teacher recommendation or Passing 2 Dimensional Studio Art 3 with an “A”
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, and 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.

ADVANCED PLACEMENT 2-D ART AND DESIGN
Course Code: 0109350
Credit: 1.0
Grade level: 12
2 Semesters
Prerequisite: Passing Portfolio Development with an “A” and teacher recommendation
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 the 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.
FINE ART COURSES

**SCULPTURE 1**
Grade level: 9-11
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 or freestanding structures.

Course Code: 0111310
Credit: 1.0

**SCULPTURE 2**
Grade level: 10-12
2 Semesters
Prerequisite: Passing 3-Dimensional Studio Art 1
This course explores spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Students experiment with manipulate space-producing devices and special properties of structural art elements.

Course Code: 0111320
Credit: 1.0

**SCULPTURE 3H**
Grade level: 10-12
2 Semesters
Prerequisite: Passing 3-Dimensional Studio Art 2 with an “A”
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

**PORTFOLIO DEVELOPMENT: 3D DESIGN HONORS**
Grade level: 10-12
2 Semesters
Prerequisite: Passing 3-Dimensional Studio Art 2 with an “A” and teacher recommendation or Passing 2 Dimensional Studio Art 3 with an “A”
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-dimensional design issues in a purposeful way. Students reflect on the aesthetics and art issues individually and as a group, and 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: 3D Teacher recommendation
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 the 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

**CERAMICS 1 (POTTERY 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
### FINE ART COURSES

#### CERAMICS 2 (POTTERY 2)
- **Grade level:** 9-11
- **Semesters:** 2
- **Prerequisite:** Passing Ceramics 1 (Pottery 1)
- **Description:** This course builds on skills learned in Pottery 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.

#### CERAMICS 3 HONORS (POTTERY 3 HONORS)
- **Grade level:** 10-12
- **Semesters:** 2
- **Prerequisite:** Passing Ceramics 2 (Pottery 2)
- **Description:** 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.

#### CREATIVE PHOTOGRAPHY 1
- **Grade level:** 9-11
- **Semesters:** 2
- **Description:** 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.

#### CREATIVE PHOTOGRAPHY 2
- **Grade level:** 9-11
- **Semesters:** 2
- **Prerequisite:** Passing Creative Photography 1
- **Description:** 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.

#### ART HISTORY AND CRITICISM 1 HONORS
- **Grade level:** 10-12
- **Semester:** 1 (This class is paired with Humanities Honors)
- **Description:** 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 the art was created. This course is paired with Humanities Honors.

#### AP ART HISTORY
- **Grade level:** 10-12
- **Semesters:** 2
- **Prerequisite:** “B” or above in AP World Geography or an “A” in World Geography Honors each semester; a PSAT/SAT evidence-based reading score of 550 or above or Pre-ACT reading score of 25, or an ACT reading score of 25
- **Description:** AP Art History is an introductory college-level art history 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.
PERFORMING ARTS COURSES

**DIGITAL ART IMAGING 1**
Grade level: 9-12
2 Semesters
Course Code: 0108370
Credit: 1.0

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.

**DIGITAL ART IMAGING 2**
Grade level: 9-12
2 Semesters
Prerequisite: Digital Art Imaging 1
Course Code: 0108380
Credit: 1.0

This course will provide an opportunity to explore and develop concepts, terminology, techniques, and applications to design, create, print, display and critique original two dimensional 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.

**DIGITAL ART IMAGING 3 HONORS**
Grade level: 9-12
2 Semesters
Prerequisite: Digital Art Imaging 2 with a “A”
Course Code: 0108390
Credit: 1.0

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, displays and critique two-dimensional graphic and fine works of art in print and web formats.
PERFORMING ARTS COURSES

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

SPEECH 1
Course Code: 1007300  
Grade level: 9-12  
2 Semesters  
The purpose of this course is to develop students’ beginning awareness, understanding, and application of language arts as they apply to oral communication concepts and strategies in a variety of given settings. This includes techniques of group discussion, effective listening, audience analysis, voice production, communication styles, body language, motivational techniques, impromptu speaking, memorization, demonstration, and persuasive speeches.

THEATRE 1
Course Code: 0400310  
Grade level: 9-12  
2 Semesters  
This course explores various performance, technical, administrative aspects of theater. 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.

THEATRE 2
Course Code: 0400320  
Grade level: 10-12  
2 Semesters  
Prerequisite: Passing Theatre 1  
This course is designed for students with a year of experience 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 dramas, 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.

THEATRE 3 HONORS
Course Code: 0400330  
Grade level: 10-12  
2 Semesters  
Prerequisite: Passing Theatre 2 or the permission of the instructor  
This course is designed for students with significant experience in theatre, and promotes depth of engagement and lifelong appreciation for theatre 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 theater program. Students are required to work on both the Fall and Spring production.

ACTING 4 HONORS
Course Code: 0400400  
Grade level: 10-12  
2 Semesters  
Prerequisite: Teacher recommendation  
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 becomes 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.
PERFORMING ARTS COURSES

BAND 3
Grade level: 9-12
2 Semesters
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: 1302320
Credit: 1.0

BAND 4
Grade level: 10-12
2 Semesters
Prerequisite: Passing 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 5H
Grade level: 11-12
2 Semesters
Prerequisite: Passing 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 & Gold Brigade, after-school and weekend activities are required.

Course Code: 1302340
Credit: 1.0

BAND 6H
Grade level: 12
2 Semesters
Prerequisite: Passing Band 5H
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: 1302350
Credit: 1.0

MUSIC TECHNOLOGY & SOUND ENGINEERING 1 (ELECTRONIC MUSIC 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.

Course Code: 1304300
Credit: 1.0

MUSIC TECHNOLOGY & SOUND ENGINEERING 2 (ELECTRONIC MUSIC 2)
Grade level: 11-12
2 Semesters
Prerequisite: Passing Electronic Digital Music 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
### PERFORMING ARTS COURSES

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<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Description</th>
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<tbody>
<tr>
<td>1303320</td>
<td>CHORUS 3</td>
<td>9-12</td>
<td>1.0</td>
<td>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, and community functions. Some after-school and/or weekends may be required. All students are welcome to enroll in this course.</td>
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<tr>
<td>1303330</td>
<td>CHORUS 4</td>
<td>9-12</td>
<td>1.0</td>
<td>2 Semesters: Counselor will provide link for audition sign up 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.</td>
</tr>
<tr>
<td>1303340</td>
<td>CHORUS 5H</td>
<td>9-12</td>
<td>1.0</td>
<td>2 Semesters: Prerequisite: Counselor will provide link for audition sign up 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.</td>
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<tr>
<td>1303350</td>
<td>CHORUS 6H</td>
<td>9-12</td>
<td>1.0</td>
<td>2 Semesters: 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.</td>
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<td>1301300</td>
<td>LITURGICAL ENSEMBLE</td>
<td>9-12</td>
<td>.05</td>
<td>2 Semesters: Class is pass/fail only. 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 9th hour on Tuesday and Thursday. It is open to all voice types and all experience levels. Class may be taken multiple times.</td>
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<tr>
<td>1300300</td>
<td>MUSIC THEORY 1</td>
<td>9-12</td>
<td>1.0</td>
<td>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.</td>
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<tr>
<td>1300310</td>
<td>MUSIC THEORY 2</td>
<td>10-12</td>
<td>1.0</td>
<td>2 Semesters: Prerequisite: Passing Music Theory 1 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.</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Grade</td>
<td>Credit</td>
<td>Semester</td>
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<tr>
<td>1300330</td>
<td>ADVANCED PLACEMENT MUSIC THEORY</td>
<td>10-12</td>
<td>1.0</td>
<td>2</td>
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<tr>
<td>1301320</td>
<td>GUITAR 1</td>
<td>9-12</td>
<td>1.0</td>
<td>2</td>
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<tr>
<td>1301330</td>
<td>GUITAR 2</td>
<td>10-12</td>
<td>1.0</td>
<td>2</td>
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</tbody>
</table>
### Fine Art
- AP Art and Design (2D, 3D)
- Portfolio Development (2D, 3D)
- 2 Dimensional Studio Art (1, 2, 3H)
- 3 Dimensional Studio Art (1, 2, 3H)
- Ceramics/Pottery (1, 2, 3H)
- Creative Photography (1, 2)
- Digital Art Imaging (1, 2, 3H)
- AP Art History
- Art History Criticism

### Performing Art
- Band (3, 4, 5H, 6H)
- Chorus (3, 4, 5H, 6H)
- Liturgical Ensemble
- Speech (1)
- Theatre (Theatre 1, 2, 3H; Acting 4H)
- Music Technology (1, 2)
- Guitar (1, 2)
- Music Theory (1, 2, AP)

### Practical Art
- Introduction to Engineering Design
- Foundations of Robotics
- Foundations of Web Design
- Principles of Engineering (2022-2023)
**PHYSICAL EDUCATION**

**H.O.P.E — PHYSICAL EDUCATION**

<table>
<thead>
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<td>Credit: 1.0</td>
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</tbody>
</table>

Grade level: 9-11  
1 Semester  

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.

**TEAM SPORTS 1/TEAM SPORTS 2**

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<td>Credit: 1.0</td>
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</table>

Grade level: 11-12  
2 Semester  

Prerequisite: Passing 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 activities include flag football, floor hockey, lacrosse, whiffle ball, dodge ball, 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.

**FIRST AID AND SAFETY/ CARE AND PREVENTION OF ATHLETIC INJURIES**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Credit: 1.0</td>
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Grade level: 10-12  
2 Semesters  

This course provides a basic overview of the causes and preventions of unintentional injuries, appropriate emergency responses to those injuries and crisis response planning. Safety education should include cardiopulmonary resuscitation (CPR) and 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.  

*This class counts as an elective not a science class.*

**WEIGHT TRAINING 1 & 2**

<table>
<thead>
<tr>
<th>Course Code: 1501340/1501350</th>
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<td>Credit: 1.0</td>
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Grade level: 10-12  
2 Semesters  

Prerequisite: Passing H.O.P.E. This course may be taken more than once.

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.
WORLD LANGUAGE

FRENCH 1
Course Code: 0701320
Grade level: 9-11
Credit: 1.0
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 French customs and culture. Students are exposed to supplementary readings both in English and in French.

FRENCH 2
Course Code: 0701330
Grade level: 10-12
Credit: 1.0
2 Semesters
Prerequisite: “C” or above in French 1 each semester
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.

FRENCH 3 HONORS
Course Code: 0701340
Grade Level: 11-12
Credit: 1.0
2 Semesters
Prerequisite: “B” or above in French 2 each semester
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.

FRENCH 4 HONORS
Course Code: 0701350
Grade level: 12
Credit: 1.0
2 Semesters
Prerequisite: “B” or above in French 3 Honors each semester
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: If numbers are not sufficient for a French 4 Honors class, students will be placed in AP French.

ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE
Course Code: 0701380
Grade level: 12
Credit: 1.0
2 Semesters
Prerequisite: “B” or above in French 4 Honors or an “A” in French 3 Honors each semester; 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. This 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.
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, will build vocabulary by learning Latin root words and English derivatives, and will focus on classical themes in Roman history and culture and mythology.

LATIN 2
Grade level: 10-12
2 Semesters
Prerequisite: “C” or above in Latin 1 each semester
This course allows for students to continue their study of the foundational principles of the Latin language and complete all basic grammatical knowledge, will continue to increase vocabulary by learning Latin root words and English derivatives, and will continue to focus on classical themes in Roman history and culture and mythology.

LATIN 3 HONORS
Grade level: 11-12
2 Semesters
Prerequisite: “B” or above in Latin 2 each semester
This course will allow for students to develop and improve skills in reading Latin, reviewing applicable grammar and vocabulary, will continue to increase vocabulary by learning of Latin root words and English derivatives, and will continue to focus on classical themes in Roman history and culture and mythology.

LATIN 4 HONORS
Grade Level: 12
2 Semesters
Prerequisite: “B” or above in Latin 3 Honors each semester
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 and culture and mythology.

ADVANCED PLACEMENT LATIN
Grade level: 12
2 Semesters
Prerequisite: “B” or above in Latin 4 Honors or an “A” in Latin 3 Honors each semester; 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.

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 structures of the language: 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.
### WORLD LANGUAGE

**SPANISH 2**
Grade level: 9-12  
2 Semesters  
Prerequisite: “C” or above in Spanish 1 each semester 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 3 HONORS**
Grade level: 9-12  
2 Semesters  
Prerequisite: “C” or above in Spanish 2 each semester  
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: 80 or above on the BMC Spanish placement exam [which may include a speaking component]  
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 2. 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: “B” or above in Spanish 3 Honors  
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

**SPANISH FOR SPANISH SPEAKERS 4 HONORS**
Grade level: 9-12  
2 Semesters  
Prerequisite: “B” or above in Spanish for Spanish Speakers 3H  
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 3H. 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  
Course Code: 0708400  
Credit: 1.0  
Grade level: 11-12  
2 Semesters  
Prerequisite: “B” or above in Spanish 4 Honors or an “A” in Spanish 3 Honors each semester; teacher recommendation  
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.

ADVANCED PLACEMENT SPANISH LITERATURE  
Course Code: 0708410  
Credit: 1.0  
Grade level: 12  
2 Semesters  
Prerequisite: “B” or above in AP Spanish Language each semester  
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.

AMERICAN SIGN LANGUAGE 1  
Course Code: 0717300  
Credit: 1.0  
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.

AMERICAN SIGN LANGUAGE 2  
Course Code: 0717310  
Credit: 1.0  
Grade level: 10-12  
2 Semesters  
Prerequisite: “C” or above in ASL 1 each semester  
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.

AMERICAN SIGN LANGUAGE 3 HONORS  
Course Code: 0717312  
Credit: 1.0  
Grade level: 11-12  
2 Semesters  
Prerequisite: “B” or above in ASL 2 each semester  
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.

AMERICAN SIGN LANGUAGE 4 HONORS  
Course Code: 0717314  
Credit: 1.0  
Grade level: 12  
2 Semesters  
Prerequisite: “B” or above in ASL 3 Honors each semester  
This course expands the skills acquired in American Sign 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.
With a Teacher Recommendation, students who earned an A in French, Latin, or Spanish 3 (H) may go to AP instead of 4 (H).

While most 4 year colleges/universities only require 2 years of the same language, the more competitive colleges/universities are looking for 3 or 4 years of the same language.
MISCELLANEOUS

LEARNING STRATEGIES
Course Code: 7963080
Grade level: 9
1 Semester (Paired with Critical Thinking-SAT/ACT Study Skills)
Prerequisite: Counselor 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 counselor recommendation.

CREDIT: 0.5

CRITICAL THINKING—SAT/ACT STUDY SKILLS
Course Code: 1700370
Grade level: 9-12
1 Semester (Paired with Learning Strategies (9) or Leadership Skills Development (10-12))
Prerequisite: Counselor recommendation. Class is pass/fail only.
This course is designed to develop skills related to critical thinking, learning and problem solving, enabling students to enhance their performance in both academic and non-academic areas. Strategies for acquiring, storing and retrieving information, time management and organizational skills, critical thinking operations and processes, strategies for oral and written communication, and problem solving skills including test taking skills are an integral part of this course. This is a pass/fail course.

LEADERSHIP SKILLS DEVELOPMENT
Course Code: 2400300
Grade level: 10-12
1 Semester (Paired with Critical Thinking-SAT/ACT Study Skills)
Prerequisite: Counselor recommendation
This course is designed to develop skills in leadership, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes.

INDEPENDENT STUDY
Course Code: 2200300
Grade level: 10-12
2 Semesters
Prerequisite: Counselor recommendation
This purpose of this course is to allow students to complete outside assignments within the period of the school day.

PEERS AS PARTNERS IN LEARNING (PIT CREW)
Course Code: 1400340
Grade level: 11-12
2 Semesters
Prerequisite: Students intending to enroll in this course must complete an application from the Academic Support Office. Students must be in good standing academically, with the Student Services offices, and should not have a significant number of school absences (excused or unexcused). For more information please see the Director of the Academic Support Department.
This course provides students enrolled with a 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.