Moreau Catholic High School
A Holy Cross School

Accredited by
Western Association of Schools and Colleges

and the

Western Catholic Educational Association

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Hayward, CA 94544
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Fax: 510-581-5669

https://www.moreaucatholic.org
Dear Mariner Families,

We are proud and excited to share with you the Course Description Guide for the coming school year 2021-2022. This guide contains so much helpful information for planning your student’s educational pathway at Moreau Catholic High School. I hope you take some dedicated time to read it carefully and consider the range of diverse and engaging courses we offer.

In our Holy Cross tradition, we are called to educate students’ hearts as well as their minds. We strive for this balance in everything we do, including our curriculum and course offerings. While it is important to select courses that fulfill graduation and college entrance requirements, I hope you also choose courses that allow you to deepen your passions, explore new interests, and have fun! I encourage you to seek growth and challenge while recognizing that your health, well-being, and happiness should always be top priorities.

The guide begins with information about the course selection process and some college planning tools for your consideration. Individual course descriptions follow, organized by department. Finally, we have quick reference guides at the end of the book, such as our list of A-G approved and NCAA eligible courses. We provide this information so that you can make plans not only for the coming school year but also with your whole four-year high school career and college goals in mind.

Students can enter course requests in PowerSchool from January 14, 2020 – February 1, 2021. Your counselor will then schedule an appointment with you to discuss your plan and confirm your choices. For additional information and questions about the course selection process, please join us for Schedule Information Night on Thursday, January 28th at 6:00 pm. Information on the location will be sent out prior to the meeting.

Thank you in advance for the time and reflection that will go into your course selections for next school year. We look forward to being resources for and partners with you in this process.

Sincerely,

Ms. Kristin Hannon ’02
Assistant Principal of Instruction
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Pre-Registration

It is important that both students and parents read the course descriptions and prerequisites. Students should discuss course choices with both their parents and their counselor. Students will be required to take the courses for which they pre-register unless the student does not meet the published prerequisites, the class is canceled, or an irresolvable conflict in scheduling exists.

By mid-January, each student will complete a preliminary course request for the following school year. This Course Description Guide will be needed to complete the course request process. Counselors will schedule appointments with each student during the third quarter to review the student’s requests and make changes as necessary.

- Please read the Course Description Guide thoroughly, including course prerequisites. By selecting an Honors or AP course, you are initiating an evaluation of your eligibility for that Honors or AP course.
- If your request for a particular Honors or AP course is not approved, a similar course will be substituted.

Schedule Changes

Developing a course of studies for a student incorporates the student’s wishes (as indicated on his/her preliminary course request), completion of prerequisites, the ability of the school to meet those requests, as well as the requests of other students.

Please note: If an irresolvable schedule conflict exists, alternate courses may be substituted at the discretion of the school. Therefore, it is necessary that alternate choices be selected with the same care as the student’s first choices.

Students are provided with many opportunities to plan their schedules carefully. Therefore, students are expected to make a commitment to each course for its duration. Changing one course in a student’s schedule most likely requires a change to the entire schedule. If students have questions about their selections or courses after the course change deadline has passed, they should see their counselor for assistance.

If a student does not receive a first choice or alternate selection a request for a schedule change may be submitted to the counselor. The request must be made within the first four school days of each semester.

A student may not drop a yearlong course except under extenuating circumstances and only with permission from the counselor and the Assistant Principal of Instruction.

Course adds and drops are made at the semester. All requests for schedule changes require a completed request form along with a $20 fee.

Graduation Requirements

To graduate from Moreau Catholic High School, an MCHS student must complete a four-year program of studies earning a minimum of 270 units (1 semester = 5 units). Please refer to the general requirements listed below to plan the choice of subjects for the coming year.

Students must also complete the required Holy Cross Social Justice Program which includes 45 hours of service learning and completion of a Capstone project. Please refer to the Theology department requirements on page 22.

<table>
<thead>
<tr>
<th>MCHS Graduation Requirements</th>
<th>Classes of 2022 &amp; 2023</th>
<th>Classes of 2024 &amp; 2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>• English</td>
<td>40 Units</td>
<td>40 Units</td>
</tr>
<tr>
<td>• Theology</td>
<td>40 Units</td>
<td>40 Units</td>
</tr>
<tr>
<td>• Mathematics</td>
<td>40 Units</td>
<td>30 Units</td>
</tr>
<tr>
<td>• Social Studies</td>
<td>30 Units</td>
<td>30 Units</td>
</tr>
<tr>
<td>• Science (Life &amp; Physical)</td>
<td>30 Units</td>
<td>20 Units</td>
</tr>
<tr>
<td>• World Language (same language)</td>
<td>20 Units</td>
<td>20 Units</td>
</tr>
<tr>
<td>• Physical Education</td>
<td>10 Units</td>
<td>15 Units</td>
</tr>
<tr>
<td>• Visual and Performing Arts (VAPA)</td>
<td>10 Units</td>
<td>10 Units</td>
</tr>
<tr>
<td>• Elective Courses</td>
<td>50 Units</td>
<td>65 Units</td>
</tr>
<tr>
<td>• Total</td>
<td>270 Units</td>
<td>270 Units</td>
</tr>
</tbody>
</table>

Grade Scale

Grade percentages are referred to in the prerequisites throughout the Course Description Guide. Please use the scale below as a guide.

<table>
<thead>
<tr>
<th>Grade Scale:</th>
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<tbody>
<tr>
<td>93 - 100</td>
</tr>
<tr>
<td>90 - 92</td>
</tr>
<tr>
<td>87 - 89</td>
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<tr>
<td>83 - 86</td>
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<tr>
<td>80 - 82</td>
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<tr>
<td>77 - 79</td>
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<tr>
<td>73 - 76</td>
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<tr>
<td>70 - 72</td>
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<tr>
<td>67 - 69</td>
</tr>
<tr>
<td>63 - 66</td>
</tr>
<tr>
<td>60 - 62</td>
</tr>
<tr>
<td>Below 60</td>
</tr>
</tbody>
</table>
Transcript Information

Transcript information reflects a student’s home address, date of birth, and courses attempted and completed at Moreau Catholic High School. (Transfer students, please read Section 5.13 in the Student-Parent Handbook). Cumulative GPA is based on a weighted grade point calculation on all course work completed in grades 9 to 12, excluding summer course work, using the Moreau Catholic grade point scale. A student’s transcript does not contain information about a student’s co-curricular activities, test scores, or discipline record. Moreau Catholic High School does not rank students’ GPA.

Any student receiving a failing grade (F), in a required subject for Moreau Catholic, must repeat that semester’s work satisfactorily in an approved summer school course. Students receiving a D or F in a course required for college admission should remediate the course during summer school.

While we encourage students to participate in summer enrichment programs, including summer school, only course work that is used to fulfill pre-requisites for Moreau Catholic graduation requirements, or course pre-requisites, will be posted on the transcript, however, grades will not be calculated into the cumulative MCHS GPA. Only approved summer course work taken to remediate a D or F grade will be factored in the calculation of the cumulative GPA. Courses taken prior to entering the 9th grade year, or after graduation date, will not be posted. The Assistant Principal of Instruction must approve all courses.

Summer school courses can be taken at Moreau Catholic or at another school approved by the student’s counselor or the Assistant Principal of Instruction. Students should check with their counselor to verify what courses or outside schools are approved for summer school credit.

Students and parents are reminded that they should retain a copy of the student’s official transcripts for any courses completed in summer school or outside of Moreau Catholic to use in the college admissions process.

In establishing their admission requirements and computing admission grade point averages, colleges generally determine which courses will be considered and may include summer school courses.

*Only those courses listed on page 43 may be repeated for credit.

Transfer Students

Students transferring to Moreau Catholic will have their course placement determined by the Counseling Office. Honors and AP course placement will be made at the discretion of the counselor, appropriate department chairperson, and space availability.

Moreau Catholic will determine which courses from the previous high school(s) will be posted on the Moreau Catholic transcript and accepted for graduation. Domestic school grades posted on the transcript shall be calculated into the students’ cumulative GPA based on the Moreau Catholic grade point average scale.

International and domestic transfer students may have amended requirements when it comes to issues such as courses required for graduation, Holy Cross Social Justice hours, and courses that may be repeatable for credit.

Advanced Placement Program (AP)

- Students enrolled in AP courses are required to take the AP exam for each course.
- AP exam fees are due prior to each exam. (These fees are NOT included in tuition.)
- Only students enrolled in AP courses at MCHS will be registered for the respective AP examinations.

The Advanced Placement Program at Moreau Catholic offers a college/university level curriculum for high school students. An AP course at Moreau Catholic will assess students by college/university level standards. It is expected that college/university level projects and activities that span a wide range of intellectual tasks will be assigned to the students. Students who sign up for AP courses must be highly motivated and make the AP course and exam a priority.

Students should carefully consider the level of difficulty that an advanced placement course, or courses, present and plan their schedule wisely. Any student who does not take the AP test will not receive Honors credit for the course; the student’s report card will be amended to reflect a non-AP course title. Each AP class has a test fee that must be paid in November. All AP students will be notified in October of the test fee amount and payment schedule.
College Planning

A balance of humanities, social studies, sciences, mathematics, arts and other subjects prepares students for a more diversified future. **Please note that a student must achieve a C or better in all college prep subjects to meet college requirements.**

As students begin their college search, students should use their Naviance account often to research entrance requirements and admissions statistics. They should begin making a list of colleges they are interested in and update it frequently.

There are five categories of higher education in California:
- Private Universities such as Stanford, Saint Mary’s, Santa Clara, and Occidental
- The University of California campuses (public)
- The California State University system (public)
- The Community College system (public)
- Trade and Technical Schools

Out-of-state campuses are also available. Colleges and universities vary in curriculum, size, cost, location, student services, extent and nature of regulations, living conditions, and reputation.

For your reference, listed in the right column are the high school courses required for admission to the University of California and California State University systems.

The UC Eligibility Course List is on 36.

The NCAA Eligibility Course List is on page 37.

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UC and CSU Entrance Requirements

<table>
<thead>
<tr>
<th>Subject</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>4 years</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>3 years</td>
</tr>
<tr>
<td></td>
<td>(Algebra 1, Geometry, Algebra 2)</td>
</tr>
<tr>
<td><strong>World History/U.S. History/Government</strong></td>
<td>2 years</td>
</tr>
<tr>
<td><strong>Laboratory Science</strong></td>
<td>2 years</td>
</tr>
<tr>
<td><strong>UC requires two of the following:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Biology, Chemistry or Physics</td>
</tr>
<tr>
<td><strong>CSU requires:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>One year of a life science and one year of a physical science</td>
</tr>
<tr>
<td><strong>Language - other than English</strong></td>
<td>2 years</td>
</tr>
<tr>
<td></td>
<td>(2 years of the same World Language)</td>
</tr>
<tr>
<td><strong>Visual and Performing Arts</strong></td>
<td>1 year</td>
</tr>
<tr>
<td><strong>Elective Courses</strong></td>
<td>1 year</td>
</tr>
<tr>
<td></td>
<td>Selected from English, Advanced Mathematics, Laboratory Science, Social Studies, Technology and Media Arts, World Language or Visual and Performing Arts</td>
</tr>
</tbody>
</table>
ENGLISH

THE PROGRAM
MCHS requires 40 units of English.
All courses meet the UC “b” requirement unless otherwise noted.

HONORS PLACEMENT

Promotion from a college prep English course into an Honors English course: Students must earn at least a 90% in both the fall and spring semesters and maintain no less than a 90% combined average among their critical essay grades. Students in college prep courses must also see their current English teacher for a recommendation and honors promotion approval form by February 1st.

Promotion from one Honors English course into the subsequent Honors English course: Students must earn at least an 80% overall average of the two semester grades combined (i.e., a student may have 77% in one semester and 83% in the other).

COURSES

102. English 9
Full year, 10 units, Grade 9
This course introduces students to the skills that will be carefully developed throughout the four-year program in English: close reading, writing, speaking, and listening. In particular, English 9 familiarizes students with strategies for research, composition, library use, vocabulary, and literary analysis.

104. Honors English 9
Full year, 10 units, Grade 9
Prerequisite: Placement by the Office of Admissions
This course focuses on the development of a strong essay format and close critical reading of the major genres in literature. In addition, students will advance their skills in vocabulary, grammar, and library research.

130. English for International Students
Full year, 10 units, Grades 9 or 10
Comment: This is an ESL course under the UC System
This course is required for all entering International students. It is designed to facilitate students’ success in their coursework and their language skills as they enter their course of study at Moreau Catholic. Focused on the development of skills in reading, writing, speaking, and listening through a variety of media and topics, this course provides linguistic support and assistance through numerous research-based strategies and activities.

108. English 10
Full year, 10 units, Grade 10
This course includes extensive review and practice in writing essays; reading and comprehending literature with an emphasis on the short story, the novel, and the play; language arts development; and vocabulary enrichment. Students are assigned their first major research paper.

110. Honors English 10
Full year, 10 units, Grade 10
Prerequisite: Please read the Honors prerequisite statement above.
Through an historical survey of the major genres of American literature, this advanced course provides extensive practice in critical reading and writing, speaking and listening, language arts, and vocabulary enrichment.

114. English 11
Full year, 10 units, Grade 11
A close study of the major genres within the rich literary heritage of the United States, English 11 combines the development of expository writing and research skills. Students will write several expository essays, including a research paper (MLA Style), as they develop an understanding of the American identity expressed through traditional, modern, and multi-cultural literature.

116. Honors English 11
Full year, 10 units, Grade 11
Prerequisite: Please read the Honors prerequisite statement above.
This advanced English course consists of composition, grammar review, vocabulary, and literature. Students will study major British novelists, dramatists, and poets while developing skills in analyzing and writing about literature. This course is a prerequisite for the Advanced Placement English program.

Senior Requirement:
Seniors must choose between the following to complete their English requirement for their 12th grade year:

2 semesters English electives
or
1 year Advanced Placement English Literature
120. Advanced Placement English Literature
Full year, 10 units, Grade 12
Prerequisite: Honors English 11
Please refer to the Honors Placement requirements at the beginning of this section. Students must see the Department Chair for additional information.

Designed to train students in the skills of critical reading and writing by college level standards, this challenging course is an analytical survey of long and short fiction, poetry, and nonfiction. Students will receive intensive training in a variety of methods in critical thinking, reading, and writing. All students enrolled in this course must take the Advanced Placement exam in AP English: Literature & Composition.

123. Essay as Literature
Semester, 5 units, Grade 12
Prerequisite: Based on the results of the school-wide writing sample administered junior year, students will be invited to enroll in this course. Some students may be required to enroll in this course.
• Due to Distance Learning in 20-21, students who are recommended for Essay as Literature will be contacted by the teacher.

Students in this course will be introduced to various modes of expository writing and will develop the skills necessary to writing in any expository mode. Some literature will be introduced to students as models of the various patterns of exposition as their skills in written communication develop.

129. Advanced Composition (Honors)
Semester, 5 units, Grade 12
Prerequisite: Placement is based on the results of the school-wide writing sample administered junior year. Students will be invited to enroll in this course.
• Due to Distance Learning in 20-21, students may apply according to the Honor promotion requirements on the previous page.

This is an advanced course in expository writing with emphasis on style development and expository and argumentative techniques. This course should be especially useful for the student intending to attend a four-year college.

The following English electives are offered to 11th & 12th graders on an alternating schedule.

**Offered 2021-2022, but not 2022-2023
136. Myth and Folklore
139. Great Books
151. World Literature
154. The Graphic Novel as Literature

136. Myth and Folklore**
Semester, 5 units, Grades 11-12
Throughout history, seeking inspiration and wisdom, the world’s artistic and literary traditions have drawn upon the characters and situations presented first in the myths and folklore of our ancestors; and now you can too. This course is designed to introduce students to the myths and folklore of many different cultures: Greek, Roman, Native American, Asian, African, Scandinavian, and others. We will explore the types of wisdom captured by myths; the bridges built between cultures by their common myths and legends, and the connections these tales have with the circumstances of modern life.

139. Great Books**
Semester, 5 units, Grades 11-12
This course is intended to stimulate the student’s awareness of great ideas and philosophies through classic works of world literature. The focus here is on reading and discussion, developing interpretive questions, and journal and essay writing.

151. World Literature**
Semester, 5 units, Grades 11-12
This course will introduce students to major works and writers from Africa, the Middle East, Asia, Europe, and South and Central America with reference to the philosophical, social, political, historic, and economic backgrounds of the writers and their works.

154. The Graphic Novel as Literature**
Semester, 5 units, Grades 11-12
The Graphic Novel as Literature course will study comics both as literature and as a dynamic graphic art form. Students will learn to think critically, discuss and write insightful, informative and well-structured analyses of all the texts covered in this course. Using Scott McCloud’s indispensable book Understanding Comics as a guide, students will be able to analyze elements of graphic fiction including panel size, transition, visual symbols and other aspects of the work. A wide variety of comic styles will be studied. Students will also learn the history of the comic form and create their own 9 panel comics. Comic book lovers and readers new to the form are welcome!
121. **Science Fiction/Utopian Literature**
Semester, 5 units, Grades 11-12

Science fiction has never been more relevant. Smart homes, self-driving cars, artificial intelligence, and Mars exploration, are no longer just the stuff of imagination! This course offers an exciting opportunity to consider the implications and future of our Brave New World. This semester long course examines both contemporary and classic science fiction literature and film. By proposing possible visions of the future, science fiction asks questions of us—of humanity, of Earth, of individuals—that we wouldn't ordinarily ask ourselves. Who are we? Where are we going? Does what we do today matter? Real science fiction is as close to an intense discussion of philosophy as you can get while still reading fast-paced, page-turning fiction.

125. **Twentieth Century Literature**
Semester, 5 units, Grades 11-12

Twentieth Century Literature focuses on major trends in the modern novel, poetry, and short stories, including works from a variety of geographical, ethnic, and cultural sources. Shifting values and historical influences will be examined for their effect on modern literature.

145. **Ethnic Literature**
Semester, 5 units, Grades 11-12

Ethnic literature refers to that body of literature that expresses the realities, experiences, and perspectives of Americans whose ancestors came from around the world. This includes places such as the Americas, Africa, the Pacific Islands, and Asia, to name a few. It is written in English, not in translation, and the authors are most often American citizens whose cultural and familial traditions are also firmly rooted in the heritage of their parents and grandparents. The themes are unique to the represented culture and at the same time universal to the human experience: identity, struggle, self-discovery, and the challenges that come with change—whether it is voluntary or forced.

147. **Women's Literature**
Semester, 5 units, Grades 11-12

This course will survey works of fiction, poetry and nonfiction written by women whose primary, but not sole, focus is on women’s experience of the world. Subjects will include personal relationships, marriage and family, career and economic status, independence and/or the lack thereof. Through this literature, students will examine traditional and new models of women’s roles and their effects on society.

149. **Shakespeare for All Ages**
Semester, 5 units, Grades 11-12

"He is not for an age but for all time." This course is an opportunity to get to know Shakespeare, a writer who speaks to issues as current as love, loyalty, virtue, reality, and growing up. The course involves the study of the man and the artist, the Elizabethan poet, and the man for our time. The age he lived in, his stage, and his art will be studied but with emphasis on those themes and ideas in his works that are timeless.

152. **Senior Seminar**
Semester, 5 units, Grade 12

Designed as a concentrated study of the literary works of one author or genre, Senior Seminar provides students with the opportunity to explore and understand a variety of perspectives regarding the contributions of a single author or genre and their importance to our world. In focusing on only one author or genre, students will be able to explore and examine in depth the various dimensions of the creative process and critical responses to it. The subject of this year's seminar will be announced in January at the start of pre-registration.
MATHEMATICS

THE PROGRAM
MCHS requires 40 units of mathematics for the classes of 2022 and 2023. Students in the class of 2024 and later are required to take 30 units of mathematics. All students must complete Algebra 2.

The Mathematics Department provides college preparatory courses that are UC approved. All courses meet the UC “c” requirement unless otherwise noted.

A multi-representational approach to functions is made in all of our classes. We include level-appropriate activities that involve graphing calculators, Geometer’s Sketchpad, and statistical software. Algebra 1, Geometry and Honors Geometry require a scientific calculator. All other classes require a graphing calculator (the TI84 is recommended).

HONORS PLACEMENT
Promotion from a college prep Mathematics course into an Honors Mathematics course: Students must earn an A in both the fall and spring semesters (93% or better in each semester).

Promotion from one Honors Mathematics course into the subsequent Honors Mathematics course: Students must earn a B in both the fall and spring semesters (83% or better in each semester).

Additionally, opportunities for acceleration during the summer are available for students enrolled in an honors mathematics course during the academic year prior to their attempted acceleration. Placement in a desired course for students who take a summer jump class outside of MCHS will be dependent upon the grade received, as well as an 83% or higher on the diagnostic placement test given by the Mathematics Department. The department recommends taking summer jump courses through MCHS only, and does not recommend online math courses.

Please read the prerequisites carefully as stated in this guide.

COURSES

200. Algebra 1A (STEM)
Full year, 10 units
Prerequisite: Placement based on performance on the HSPT and/or the Algebra Diagnostic Exam.
Comment: This course is pending UC “c” approval.

This course is the first year of a two-year Algebra 1 sequence. This course focuses on Pre-Algebra concepts leading to the study of linear equations and inequalities. Topics also include functions and operations with applications for real numbers.

Methods and applications stressing word problems are emphasized.

201. Algebra 1B (STEM)
Full year, 10 units
Prerequisite: Two completed semesters of Algebra 1A with a C- (70%) or better in the 2nd semester
Comment: This course is pending UC “c” approval.

This course is the second year of a two-year Algebra 1 sequence. This course will branch out from the study of linear functions to include quadratics and rational functions. Topics also include properties of exponents, and methods and applications stressing word problems are emphasized.

202. Algebra 1 (STEM)
Full year, 10 units
Prerequisite: Placement based on performance on the HSPT and/or the Algebra Diagnostic Exam.

This course deals with basic algebraic concepts: sets, equations, inequalities, functions and the operations and applications for real numbers. Methods and applications stressing word problems are presented throughout the course, using linear equations and inequalities, simultaneous and quadratic equations.

213. Honors Algebra 2 (Frosh) (STEM)
Full year, 10 units
Prerequisite: Placement based on performance on the HSPT and/or the Algebra Diagnostic Exam.

This course will cover the content of Algebra 1 and Algebra 2 at an accelerated pace. This course is designed for students who have a strong background in Algebra.

206. Geometry (STEM)
Full year, 10 units
Prerequisite: One of the following:
- Two completed semesters of Algebra 1 with a C- (70%) or better in the 2nd semester
- Completion of Algebra 1 with an A (93%) or better in each semester
- Two completed semesters of Algebra 1B with a C- (70%) or better in the 2nd semester

The concepts of congruence, similarity, and the Pythagorean theorem and its applications will be studied, including an introduction to trigonometry. Coordinate geometry will be covered, as well as geometric applications of algebra. There will be some geometric proofs.

208. Honors Geometry (STEM)
Full year, 10 units
Prerequisite: One of the following:
- Two completed semesters of Honors Algebra 2 (Frosh) with a B (83%) or better in each semester
- Completion of Algebra 1 with an A (93%) or better in each semester
- Two completed semesters of Algebra 1B with an A (93%) or better in each semester
This course explores Euclidean Geometry from identifying geometric figures to proving relationships related to these figures. Students will be challenged to think creatively, reason logically and communicate effectively. In addition, students will explore the interdependence between algebra and geometry.

212. Algebra 2 (STEM)
   Full year, 10 units
   Prerequisite: Two completed semesters of Algebra 1 or Algebra 1B and two completed semesters of Geometry with a C- (70%) or better in the 2nd semester.

   Topics of first year algebra are intensified and expanded with an emphasis on problem solving. The course deals with coordinate systems, systems of linear inequalities and systems of linear equations in three variables, logarithms, complex numbers, quadratic relations and conics.

214. Honors Algebra 2 (STEM)
   Full year, 10 units
   Prerequisite: One of the following:
   • Two completed semesters of Geometry with an A (93%) or better in each semester
   • Two completed semesters of Honors Geometry with a B (83%) or better in each semester

   This course will thoroughly cover Algebra 2 with additional problems and exercises of a more difficult type.

215. Math Modeling (STEM)
   Full year, 10 Units Grade 12
   Prerequisite: Six completed semesters of required math, including two completed semesters of Algebra 2 with a C- (70%) or better in the 2nd semester
   Comment: This course meets the UC “g” requirement.

   Students in this course will be exposed to mathematics through critical thinking and problem solving with selected topics from Geometry, Analysis and Trigonometry, Algebra 2 and Statistics through real-life applications. Throughout this course, students will learn to think with and apply mathematics and will show mastery through culminating projects. Students will also learn to apply previously learned concepts to make decisions, studying financial mathematics concepts and inferential statistics through the lens of their own environment.

216. Analysis and Trigonometry (STEM)
   Full year, 10 units
   Prerequisite: One of the following:
   • Two completed semesters of Algebra 2 with a C- (70%) or better in the 2nd semester
   • Two completed semesters of Geometry or Honors Geometry with a C- (70%) or better if preceded by completion of Honors Algebra 2 (Frosh)

   This course will study relations and functions, matrices, sequences and series, vectors, trigonometric functions and identities, elementary plane analytic geometry, conic sections, functions and their graphs, and exponential and logarithmic functions.

217. Pre-Calculus (STEM)
   Full year, 10 units
   Prerequisite: One of the following:
   • Two completed semesters of Algebra 2 with a B- (80%) or better in each semester
   • Two completed semesters of Honors Algebra 2 with a C- (70%) or better in each semester
   • Completion of Analysis and Trigonometry with a C- (70%) or better in both semesters

   Pre-Calculus combines many of the algebraic, geometric, and trigonometric techniques needed to prepare students for the study of calculus. This course will approach those areas from a functional point of view and will also strengthen students’ mathematical reasoning and problem solving.

218. Honors Pre-Calculus (STEM)
   Full year, 10 units
   Prerequisite: One of the following:
   • Two completed semesters of Geometry with an A (93%) or better in each semester, if preceded by Honors Algebra 2 (Frosh) with a B (83%) in each semester
   • Two completed semesters of Honors Geometry with a B (83%) or better in each semester
   • Two completed semesters of Honors Algebra 2 with a B (83%) or better in each semester
   • Two completed semesters of Analysis & Trigonometry with an A (93%) or better in each semester

   * If Honors Algebra 2 (Frosh) grade is not a B (83%) or better, placement may be determined by placement exam

   Success in a Calculus course depends upon having acquired a thorough understanding of functions. In this course, considerable emphasis will be given to functions and their graphs. Polynomial, logarithmic, exponential, and trigonometric and circular functions and their inverses will be treated extensively.

219. Calculus (STEM)
   Full year, 10 units
   Prerequisite: One of the following:
   • Two completed semesters of Pre-Calculus with a B- (80%) or better in each semester
   • Two completed semesters of Honors Pre-Calculus with a C- (70%) or better in each semester

   This course offers students the opportunity to explore the fundamental principles of Calculus at a pace that...
provides students time to understand, appreciate and apply these concepts to a variety of problems, ultimately preparing students for a first-year college Calculus course. Topics include limits, some techniques of differentiation and integration. An emphasis on applications will be present throughout the entire course.

220. Advanced Placement Calculus AB (STEM)
Full year, 10 units
Prerequisite: One of the following:
- Two completed semesters of Honors Pre-Calculus with a B (83%) or better in each semester
- Two completed semesters of Pre-Calculus with an A (93%) or better in each semester

Topics covered include limits and continuity, differentiation, applications of the derivative, integration, methods of integration, applications of the integral to surfaces revolution and L'Hopital's rule. Practical applications, particularly from Physics will be emphasized. Students enrolled in this course must take the Advanced Placement test in Calculus AB.

224. Advanced Placement Calculus BC (STEM)
Full year, 10 units
Prerequisite: One of the following:
- Two completed semesters of AP Calculus AB with a B (83%) or better in each semester
- Completion of AP Calculus AB with a C (73%) or better in each semester and
- An AP Calculus AB AP exam score of 3 or higher

This course covers the topics of a second semester college level Calculus course. After a review of the content of AP Calculus AB, the course moves on to cover new types of derivative calculations using Euler's method. New integration methods are partial fractions, improper integrals, and logistic integration. Polar, parametric, and vector functions, as well as their derivatives and integrals are analyzed. Numerical integration methods are polynomial approximations and Taylor series. Students enrolled in this course must take the Advanced Placement test in Calculus BC.

232. Advanced Placement Statistics (STEM)
Full Year, 10 units
Prerequisite: One of the following:
- Two completed semesters of Honors Geometry with a C (73%) or better in each semester, if preceded by Honors Algebra 2 (Frosh) or
- Two completed semesters of Algebra 2 with an A (93%) in each semester or
- Two completed semesters of Algebra 2 Honors with a B (83%) or better in each semester or
- Two completed semesters of Analysis & Trigonometry with a C (73%) or better in each semester or
- Two complete semesters of Pre-Calculus or Honors Pre-Calculus with a C (73%) or better in each semester

This is an application-based course. Students should have a strong foundation in reading and writing, as this is an English language and writing intensive course. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will work on projects involving the hands-on gathering and analysis of real world data. Ideas and computations presented in this course have immediate links and connections with actual events. Computers and calculators will allow students to focus deeply on the concepts involved in statistics. Students enrolled in this course must take the Advanced Placement test in Statistics.
Students in the classes of 2022 and 2023 are required to complete 4 years of mathematics. Students in the class of 2024 and beyond are required to complete 3 years of mathematics.

Please check the mathematics course prerequisites. Students should consult their counselor for assistance in choosing the most suitable sequence of math courses for their graduation plan. Math teachers are also available for help with course suggestions.

### REQUIRED MATHEMATICS COURSES

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<th>ONE OF THE FOLLOWING:</th>
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<tbody>
<tr>
<td>Algebra 1A/1B (2 years)</td>
<td>Geometry</td>
<td>Algebra 2</td>
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<tr>
<td>Algebra 1</td>
<td>Honors Geometry</td>
<td>Honors Algebra 2</td>
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<td>Honors Algebra 2 (Frosh)</td>
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### UPPER DIVISION MATHEMATICS COURSE ELECTIVES

(Please consult with your counselor as to which course is best suited for you)

<table>
<thead>
<tr>
<th>Mathematical Modeling</th>
<th>Analysis &amp; Trigonometry</th>
<th>Pre-Calculus</th>
<th>Honors Pre-Calculus</th>
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<tbody>
<tr>
<td>Calculus</td>
<td>AP Calculus AB</td>
<td>AP Calculus BC</td>
<td>AP Statistics</td>
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</table>
PHYSICAL EDUCATION

THE PROGRAM

MCHS requires 10 units of Physical Education for the classes of 2022 and 2023. Students in the class of 2024 and later are required to take 15 units of Physical Education (9th grade - 5 units health and 5 units activity PE; 5 units elective PE prior to graduation). All students are required to complete the California state required health education unit, which is incorporated into the PE curriculum.

Students must complete the 9th grade PE/Health requirement (550/552) before taking PE electives.

COURSES

550. Boys P.E./Health
552. Girls P.E./Health

Full year, 10 units, Grade 9

This course is required for all 9th grade students, unless otherwise indicated by the Office of Admissions. The course will serve to build a foundation in technique of skill, knowledge of rules and understanding the strategies of various sports, as well as increasing the level of physical fitness. This course also meets the State Graduation Requirement for Health Education.

564. Team Sports for Lifetime Experience

Semester, 5 units, Grades 10-12

Comment: This course may be repeated for credit.

This co-ed course develops skill and knowledge of life and team sport activities. Students will build on the foundation of the 9th grade curriculum and learn to appreciate the use of physical activity as a lifetime goal. The course will include the possible following activities: Volleyball, basketball, paddleball, badminton, flag football, soccer and softball. Activities will be dependent on class size.

566. World Games

Semester, 5 units, Grades 10-12

Comment: This course may be repeated for credit.

This semester long course will allow students to experience activities, some non-traditional, from around the world while learning the history and rules of the various activities in a co-ed environment. Students will participate actively in several of the following activities: Badminton (India), quidditch (England), bowling (Germany), curling (Canada), bocce ball (Italy), lacrosse (USA), golf (Scotland), hockey (Canada).

581. Dynamic Toning and Shaping

Semester, 5 units, Grades 10-12

Comment: This course may be repeated for credit.

This co-ed course is designed for those students who seek to improve their physical abilities and strength. The curriculum will incorporate weight training with light weights designed for muscle endurance and toning. Curriculum will also include nutrition, stress reduction and flexibility through the use of Pilates, yoga, jump rope, physio balls and meditation. Some cross training activities will also be part of the curriculum including, but not limited to basketball, soccer and paddleball.

579. Strength and Development

Semester, 5 units, Grades 10-12

Comment: This course may be repeated for credit.

This co-ed class is designed to help student athletes increase performance through strength and conditioning. The class will identify demands of the sport then create a sport specific strength and conditioning program that analyzes and varies the volume and intensity for desired results or maximum performance. We will focus on Olympic lifting, plyometrics, speed and agility, form running, cross fit and incline running.

573/574. Physical Education Teaching Assistant

Semester, 5 units, Grades 10-12

Comment: This course requires approval of the department chair. This course may be repeated for credit.

This elective course is designed to increase the student's knowledge of the discipline of Physical Education and to provide a means for the study of career opportunities in this field. The student is to function in the capacity of a class aide and be involved in observing, studying, and participating in the instruction of physical activities primarily for the ninth grade classes.
SCIENCE

THE PROGRAM
MCHS requires 30 units of science for the classes of 2022 and 2023. Students in the class of 2024 and later are required to take 20 units of science. All students at MCHS are required to take a minimum of 10 units of a Physical Science and 10 units of a Life Science. All courses in science meet the UC “d” (lab) requirement, unless otherwise noted.

Please note: Prerequisites noted for Science are based on yearlong averages.

The MCHS Office of Admissions will determine science course placement for 9th graders.

PHYSICAL SCIENCE COURSES

526. Conceptual Physics (STEM)
Full Year, 10 Units, Grades 9-10

This is an introductory lab-based course in Physics. Emphasis will be placed on conceptual understanding and description of the major principles of Physics. The course will also focus on science process skills. Topics of study will include force and motion, energy and momentum, waves, and electricity and magnetism.

514. Chemistry (STEM)
Full year, 10 units, Grades 10-12

Prerequisite:
• Two completed semesters of Biology or Honors Biology with a C- (70%) or better in each semester or
• Two completed semesters of Conceptual Physics with a C- (70%) or better in each semester

This course emphasizes the fundamental principles of the structure and behavior of matter. Students will develop an atomic perspective and understand matter conceptually in terms of the particles that make it up and how these particles behave. Major topics include atomic theory, the periodic table, nomenclature, chemical equations and reactions, states of matter, thermodynamics, and more. Laboratory experiences strengthen problem-solving skills and teach basic lab techniques, building on prior lab experiences. This course is less mathematically oriented than the Honors Chemistry course.

515. Honors Chemistry (STEM)
Full year, 10 units, Grades 10-12

Prerequisite: One of the following:
• Two completed semesters of Biology with an A (93%) or better in each semester or
• Two completed semesters of Honors Biology with a B (83%) or better in each semester or
• Two completed semesters of AP Biology with a B (83%) or better in each semester and
• Two completed semesters of Algebra 2 with a B (83%) or better in each semester

This course covers topics similar to those in Chemistry, but with more depth and is more mathematically oriented. Emphasis is placed on chemical calculations and deductive reasoning. Major topics include measurements and matter, atomic theory, the periodic table, chemical bonding, nomenclature, chemical equations and reactions, stoichiometry, thermodynamics, acids and bases, and more. Laboratory investigations are of a more sophisticated nature than Chemistry. This course will prepare students for college level chemistry.

516. Advanced Placement Chemistry (STEM)
Full year, 10 units, Grades 11-12

Prerequisite:
• Two completed semesters of Honors Chemistry with a B (83%) or better in each semester and
• Two completed semesters of Algebra 2 with a B+ (87%) or better or Honors Algebra 2 or Honors Algebra 2 (Frosh) with a B (83%) or better in each semester and
• Completion of summer homework packet as review and preparation for this course

The AP Chemistry course provides students with the equivalent of an introductory first year course sequence in College Chemistry. The lab component of this course uses the guided-inquiry format, which provides students with the opportunity to develop critical thinking and reasoning skills. At the same time, students develop and apply science practices and skills used by scientists, which lead them to improve their understanding of Chemical concepts as they explore topics such as: chemical reactions, kinetics, intermolecular forces and bonding, atomic structure, electrochemistry, equilibrium and thermodynamics. Because this is an intensive course, meetings outside of class time may be required. Students enrolled in this course will be required to take the Advanced Placement Test in Chemistry. Recommended for students who are considering a major in science, math, or engineering.

518. Physics (STEM)
Full year, 10 units, Grades 10-12

Prerequisite:
• Two completed semesters of either Algebra 2 with a B (83%) or better in each semester or Honors Algebra 2 (Frosh) with a C+ (77%) or better in each semester and
• Two completed semesters of either Biology with a B+ (87%) or better or Honors Biology with a C+ (77%) or better in each semester or Conceptual Physics with an A (93%) or better in each semester

This course is a study of the physical world. It includes a study of matter and motion and their relationship to each other: energy, forces, projectile motion, momentum, sound waves, light, electricity, magnetism and modern physics. This course emphasizes the main concepts of physics with an
emphasis on the discovery of physical principles through problem solving and lab work.

528. Advanced Placement Physics 1 (STEM)
Full year, 10 units, Grades 11-12
Prerequisites:
- Two completed semesters of Honors Chemistry with an A- (90%) or better in each semester or
- Two completed semesters of AP Chemistry with a B- (80%) or better in each semester or
- Two completed semesters of Physics with a B- (80%) or better in each semester and
- Completion of, or concurrent enrollment in, Honors Pre-Calculus

This advanced course will focus on scientific inquiry by way of concepts in Algebra based Physics. Students will learn general science methods, such as representing concepts through models and mathematics, as well as conducting research through experimentation, data collection and data analysis. The Physics concepts covered in this course include: Systems, fields, Newton’s Laws of Motion, Energy, Momentum, Circular Motion, and Mechanical Wave Phenomena. This course is strongly recommended for those majoring in Physical Sciences or Engineering. Students taking this course are required to take the AP exam in May.

529. Advanced Placement Physics C (STEM)
Full year, 10 units, Grade 12
Prerequisite:
- Two completed semesters of AP Physics 1 with a B- (80%) or better in each semester or
- Two completed semesters of Physics with an A- (90%) or better in each semester
- Two completed semesters of AP Calculus AB or concurrent enrollment in AP Calculus AB

AP Physics C is a year-long course that combines both AP Physics C: Mechanics and AP Physics C: Electricity and Magnetism. Topics include, but are not limited to, Newtonian Mechanics, Gravity and Circular Motion, Energy, Electrostatics, Circuits, Magnetism, and Electromagnetic Induction. There are two (2) AP exams for this course that will be given one right after the other, each being 1.5 hours long. This course uses various techniques in calculus to analyze and solve problems, therefore concurrent enrollment in AP Calculus AB or higher is required. In addition, this course is taught as a second-year Physics course, meaning that one year of Physics or AP Physics 1 is required before enrolling.

543. Advanced Placement Environmental Science (STEM)
Full year, 10 units, Grades 11-12
Prerequisite:
- Two completed semesters of Biology with an A (93%) or better in each semester or
- Two completed semesters of Honors Biology with a B (83%) or better or AP Biology with a B (83%) or better in each semester and
- Two completed semesters of Conceptual Physics with an A (93%) in each semester or
- Two completed semesters of Chemistry with an A- (90%) or better in each semester or
- Two completed semesters of Honors Chemistry with a B- (80%) or better in each semester or
- Two completed semesters of Physics with a B (83%) or better in each semester and
- A GPA of 3.4 or higher

Students in this course will explore and investigate the interrelationships of the natural world, identify and analyze environmental problems, both natural and human-made, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving and/or preventing them. Students will participate in hands-on, laboratory and field investigations to apply scientific principles, concepts, and methodologies in order to better understand our natural systems and to critically think about environmental issues and potential solutions.

260. Robotics Engineering (STEM)
Semester, 5 units, Grades 10 - 12
Comment: This course meets the UC “g” requirement.

This course is an introduction to the engineering process of problem solving through the use of robotics. The course will involve constructing robots, programming their movements, incorporating input from sensors, all with the goal of performing increasingly complicated tasks. For students interested in pursuing Computer Science after this course, the appropriate course would be Advanced Placement Computer Science Principles.

LIFE SCIENCE COURSES

502. Biology (STEM)
Full year, 10 units, Grades 9-10

This course will introduce students to the study of life. Laboratory investigations will utilize the scientific method to study cell structure in plants and animals, DNA and heredity, evolution, and the interaction between populations and ecosystems. Laboratory investigation will include hypothesis testing through data collection and analysis, resulting in conclusions being drawn from data interpretation. Laboratory experiences will also strengthen problem-solving skills and teach basic lab techniques.

503. Honors Biology (STEM)
Full year, 10 units, Grades 9-12
Prerequisite:
- Two completed semesters of Conceptual Physics with an A (93%) combined average for both semesters

This course will cover topics similar to those in Biology, but with more depth. Emphasis is placed on critical thinking and problem solving using the scientific method in the lab. Other topics covered will include introductory botany, human biology, and
ethics in science. Laboratory investigations and writing will constitute a large part of this class.

504. **Advanced Placement Biology (STEM)**  
Full year, 10 units, Grades 10-12  
Prerequisite:  
- Two completed semesters of Biology with an A (93%) or better or  
- Two completed semesters of Honors Biology with a B- (80%) or better in each semester and  
- A GPA of 3.4 or higher

As a sequential examination of life from pre-cellular theories through the change of living systems to a consideration of the multi-cellular life forms, this laboratory and lecture/discussion course is a challenging, college level course requiring a significant commitment of the student's time and energy. A.P. Biology explores 4 main life science concepts: A) the diversity but also unity through the process of evolution; B) the transfer of energy and molecular building blocks to grow but also maintain homeostasis; C) the storage, transmission, and response to information essential to life; and D) the interaction of biological systems. Students enrolled in this course must take the Advanced Placement test in Biology.

506. **Anatomy and Physiology (STEM)**  
Full year, 10 units, Grades 11-12  
Prerequisite: Completion of 2 science courses

This life science course is designed to provide a basic foundation in human biology. Emphasis will be placed on the integration of systems of the human body as they relate to normal health. Students will be introduced to the integumentary, skeletal, muscular, respiratory, cardiovascular, digestive, and nervous systems. Laboratory investigations will provide students with hands-on experience to explore anatomical structures and human physiology.

507. **Honors Anatomy and Physiology (STEM)**  
Full year, 10 units, Grades 11-12  
Prerequisite:  
- Two completed semesters of Biology with an A (93%) or better in each semester or  
- Two completed semesters of Honors Biology with a B (83%) or better in each semester

This course is a rigorously paced advanced life science course that will prepare students for the challenging college level material that will be encountered in pursuit of careers in fields such as medical professions, biological studies, biomedical engineering, and other health field based careers. The skills the course will develop range from effective methods of learning numerous anatomical structures and the proper scientific vocabulary to describing their locations and functions, to making both qualitative and quantitative analysis in laboratory exercises. Anatomy in Clay ® Manikens will be utilized to allow students to "build" the major human systems. This course will provide students the opportunity to engage in deeper content knowledge related to human anatomy and physiology as well as expose students to the expectations and responsibility of a higher-level scientific environment.

508. **Introductory Kinesiology and Applied Physiology (STEM)**  
Full year, 10 units, Grades 10-12  
Prerequisite:  
- Two completed semesters of Biology with a B (83%) or better in each semester, or  
- Two completed semesters of Honors Biology with a C- (70%) or better in each semester, or  
- Two completed semesters of Anatomy & Physiology with a B (83%) or better in each semester

This course is designed to prepare students who are interested in medically-related and fitness-related fields such as medicine, athletic training/sports medicine, physical therapy, occupational therapy, strength & conditioning, and personal training. Students will gain an understanding of how human movement occurs, the factors that directly or indirectly influence movement, and movement's relationship to human health, disease and injury. Students will experience lab work related to normal and abnormal anatomy & physiology, biomechanics, and injury management.

509. **Biotechnology 1 (STEM)**  
Full Year, 10 units, Grades 10-12  
Prerequisite:  
- Two completed semesters of Biology with a B (83%) or better in each semester  
- Two completed semesters of Honors Biology with a C- (70%) or better in each semester

This course combines academic and technical training to prepare students for careers in the biotechnology industry. The focus of Biotechnology 1 is on the mastery of basic standard laboratory operating procedures. Students will learn sterile technique, cell culture, DNA and protein isolation, and electrophoresis. Record keeping, safety and proper use of equipment are stressed throughout the course.

510. **Biotechnology 2 (STEM)**  
Full Year, 10 units, Grades 11-12  
Prerequisite:  
- Two completed semesters of Biotechnology 1 with a C- (70%) or better in each semester

This course will build on the skills developed in Biotechnology 1. Emphasis will be placed on assay development, spectrophotometry, recombinant DNA technology and bacterial transformation.
The following Science electives are offered to 10th - 12th graders on an alternating schedule.

Offered 2021-2022, but not 2022-2023*
531. Green Engineering (STEM)

Offered 2022-2023, but not 2021-2022**
530. Engineering 1: Design (STEM)

531. Green Engineering (STEM)*
Semester, 5 units, Grades 10-12
Prerequisite:
• Concurrent enrollment in, or completion of, Algebra 2
Comment: This course meets the UC “g” requirement.
Green Engineering is a project-based engineering course that focuses on green technologies. Students in Green Engineering investigate the various green technologies being developed and refined today, such as solar and wind-generated power and alternative fuel vehicles. In this course, students also learn and apply the basic process of engineering design while working in engineering teams. This course emphasizes communicating designs through drafting and modeling as well as analysis through prototyping. Students will produce a portfolio of work along with completed projects.

530. Engineering 1: Design (STEM)**
Semester, 5 units, Grades 10-12
Prerequisite:
• Concurrent enrollment in, or completion of, Algebra 2
Comment: This course meets the UC “g” requirement.
Engineering Design is a project-based course that provides an introduction to the engineering discipline. Students work in engineering teams when completing projects. Students learn the basic process of engineering design and apply it to all projects. Students also make connections to the various engineering disciplines, such as civil engineering and rocketry. This course emphasizes communicating designs with drafting and modeling as well as analysis through prototyping. Students will produce a portfolio of work along with completed projects.

SCIENCE COURSES
(Class of 2022 and 2023 require 3 years of science for graduation. Class of 2024 and beyond, 2 years)

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<th>LIFE SCIENCES (10 units required)</th>
<th>ELECTIVE SCIENCES:</th>
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<tr>
<td>Conceptual Physics (9-10)</td>
<td>Biology (9-10)</td>
<td>Robotics (10-12)</td>
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<tr>
<td>Chemistry (10-12)</td>
<td>Honors Biology (9-12)</td>
<td>Engineering 1 (10-12)</td>
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<td>Honors Chemistry (10-12)</td>
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<td>Green Engineering (10-12)</td>
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<td>AP Physics C (12)</td>
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<td>AP Environ. Sci. (11-12)</td>
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<td>AP Environ. Sci. (11-12)</td>
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SOCIAL STUDIES

THE PROGRAM
MCHS requires 30 units of Social Studies: 10 units in World History, 10 units in United States History, 5 units in Government, and 5 units in Economics.

The following courses fulfill the California State Social Studies requirement:

- World History, Honors World History
- American Government, AP American Government
- Economics, AP Macroeconomics
- AP Comparative Government
- AP U.S. History

COURSES

402. World History
   Full year, 10 units, Grade 10
   Comment: This course meets the UC “a” requirement.

This course satisfies the California State requirement for the teaching of World History. The course surveys the modernization of the western world, starting with the introduction of democratic thought with the Ancient Greeks and Romans, its rise through the Enlightenment and continuing to the French Revolution through the end of World War I and setting the stage for World War II.

405. Honors World History
   Full year, 10 units, Grade 10
   Prerequisite: 3.4 cumulative GPA
   Comment: This course meets the UC “a” requirement.

Honors World History will be a full year survey of the history of the world from ancient times through the first decade of the Cold War Era. The assigned text will provide the organizational core of the curriculum. However, students will be challenged in the following additional areas: (1) the development of students’ critical thinking skills through assignments involving their interpretation and analysis of the original source materials, (2) the development of their social science research skills, and (3) use of technology in both research and presentation of assignments.

404. U.S. History
   Full year, 10 units, Grade 11
   Comment: This course meets the UC “a” requirement.

This course satisfies the California State requirement for a survey of American history. This course presents students with the various forces and factors that have affected the development of the nation from the Age of Exploration to the present. Students will be called upon to examine America’s domestic and foreign policies, both past and present, to understand the nation’s role in the world of today and tomorrow, and develop an understanding of the physical geography of North America.

406. Advanced Placement U.S. History
   Full year, 10 units, Grade 11
   Prerequisites:
   - Two completed semesters of World History with an A- (90%) or better in each semester or
   - Two completed semesters of Honors World History with a B (83%) or better AND
   - Two completed semesters of English 10 with a B (83%) or Honors English 10 with a C+ (77%) or better in each semester AND
   - A 3.4 cumulative GPA
   Comment: This course meets the UC “a” requirement. World History instructors will share information about a writing sample in spring semester for students interested in taking this course.

Students will evaluate and interpret various problems in American history, read historical sources and develop skills in formulating theses and generalizations. The class is intended for the student who is interested in historiography and American history. Students enrolled in this course must take the Advanced Placement test in U.S. History.

407. American Government
   Semester, 5 units, Grade 12
   Comment: This course meets the UC “a” requirement.

This course satisfies the California state requirement for a basic study of American government. Students will examine the origins of American democracy, the U.S. Constitution, elections and campaigns; political participation and opinion polls; the operations of the three branches of government, political parties, influence of the media, the electoral process and avenues available to them for political involvement. Opportunities are provided for discussing current issues with which our government is involved.

   Semester, 5 units, Grade 12
   Prerequisite: 3.4 cumulative GPA
   Comment: This course meets the UC “a” requirement.

This course, if taken in sequential order with AP Comparative Government, will satisfy the MCHS Economics requirement. It is highly recommended that students intending to take AP Government should also take AP Comparative Government.

This course fulfills the California State requirement for American Government. The historical and theoretical origins of the American governmental system, political parties, the influence of the media, the institutions of government, political opinions and how they are formed, and constitutionally guaranteed rights will be covered. Current issues and examples that show our government in action will be examined. This course is recommended for students pursuing careers in public service or law. Students enrolled in this course must take the Advanced Placement test in American Government. Because this is a semester course, meeting during collaborations and outside class time may be required.
410. **Advanced Placement Comparative Government**  
**Semester, 5 units, Grade 12**  
**Prerequisite:** Successful completion of AP Government and Politics: U.S. Government  
**Comment:** This course meets the UC “a” requirement.  
This course, if taken in sequential order with Advanced Placement Government & Politics, will satisfy the MCHS Economics requirement.

AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

419. **Economics**  
**Semester, 5 units (required), Grade 12**  
**Comment:** This course meets the UC “g” requirement.

This survey course focuses on economic principles, issues and analysis that provide students with an understanding of both the theoretical and practical approaches of this social science. The students will gain an understanding of the role that economics plays at the personal, national and international level.

425. **Advanced Placement Macroeconomics**  
**Semester, 5 units, Grade 12**  
**Prerequisite:** 3.4 cumulative GPA, and B (83%) average or better in Algebra 2.  
**Comment:** This course meets the UC “g” requirement.

Ever heard of the credit crisis? The bailout? The housing crisis? Raising or lowering taxes on the rich and/or the middle class? If you would like to know the answers to those questions and how they will directly impact your life – AP Macroeconomics is for you! The purpose of this course is to give students a thorough understanding of macroeconomic principles that apply to an economic system as a whole. Students will learn the tools and information that policy makers utilize when making political decisions and implementing social programs. Theoretical economic models will be utilized to develop students’ familiarity with national income, economic performance measures, economic growth and international economics. In an increasingly globalized economy, an awareness of the mechanics of economic systems is essential for competitive success. Students enrolled in this course must take the Advanced Placement test in Macroeconomics.

411. **Sport and Society**  
**Semester, 5 units, Grades 11-12**  
**Comment:** This course meets the UC “g” requirement.

This course acquaints students with the discipline of sport sociology. Primary focus will be placed upon the study of the institution of sports in America, its development, and its significant impact on society, past, present, and future. The parameters of sport, game, dance, and exercise will be investigated. Topics will include the role of women’s sports, racism in sports, fan/athlete behavior, the economics of sports, professionalism and amateurism.

417. **Introduction to Psychology**  
**Semester, 5 units, Grades 10-12**  
**Comment:** This course meets the UC “g” requirement.

In this course students are introduced to psychology, with a focus on the scientific study of human development, learning, motivation, and personality. Students will develop some basic concepts of psychology and a historical perspective on psychology as the study of individual behavior. Students will read about and discuss the contributions of the major scholars in the field such as Freud, Pavlov, Maslow, Bandura, and Rogers.

422. **American Law & Justice**  
**Semester, 5 units, Grades 10-12**  
**Comment:** This course meets the UC “a” requirement.

This course is designed for students who are interested in the American legal and judicial system through learning and applying the procedures and precedents used in the courtroom. The class will explore the meaning of law and justice and the means by which they have been practiced in both historic and contemporary America. The student will have the opportunity to learn about the Constitutions and the Judiciary at the State and National level, and historic court cases and decisions. You, the student, will have the opportunity to see and learn how the system operates by visiting and observing court room trials and hearings, listening to guest speakers who are attorneys and judges, and actually applying the knowledge you have learned by playing the roles of attorneys, witnesses, clerks, bailiffs and jurors in mock trials!

426. **Advanced Placement Microeconomics**  
**Semester, 5 units, Grade 12**  
**Prerequisite:** Successful completion of Macro Economics.  
**Comment:** This course meets the UC “g” requirement.

AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students’ familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use
graphs, charts, and data to analyze, describe, and explain economic concepts.

**821. Mass Media and Popular Arts**  
*Semester, 5 units, Grades 11-12*  
*Comment: This course meets the UC “g” requirement.*

This course in mass media engages students in making informed decisions about real problems. All aspects of mass media – journalism, advertising, broadcasting, and a variety of ethical issues, including censorship, conflict of interest, explicit sex, portrayal of minorities, the elderly and children are considered.

**413. Business Economics**  
*Semester, 5 units, Grades 10-12*  
*Comment: This course meets the UC “g” requirement. This course does not meet the MCHS Economics requirement.*

This course challenges students to learn how to run a business ethically and apply business principles of management and administration. Management theories and processes to achieve organizational skills will be emphasized and assessed with hands-on projects and competition. Business etiquette and ethics are key components throughout the material of this course. This course requires excellent decision-making skills and is based in economic concepts requiring students to apply rules of scarcity and opportunity costs.

**420. Communications: Speech and Debate**  
*Semester, 5 units, Grades 10-12*  
*Comment: This course is pending UC “g” approval.*

The course aim is to help students develop excellent speaking habits, reduce speaking anxiety, emphasize critical thinking skills and hone the skills of organization, speech writing and the use of research in speaking. The course will also include classroom and public presentations, both formal and informal. Students will also learn to assess speeches presented by others.

**421. Ethnic and Cultural Diversity in America**  
*Semester, 5 units, Grades 11-12*  
*Comment: This course meets the UC “g” requirement.*

The United States has not escaped the mixed blessing of being a socially and ethnically diverse society. Americans are often moved to praise the culture as a melting pot, mixing and fusing diverse elements into a single functional amalgam. At the same time many groups of Americans have struggled with rejection and prejudice as they attempt to become part of the mainstream of American life. This course is offered for students who seek to understand the dimensions of our country’s diversity and the issues that have emerged for some as they seek to become part of the culture.

**428. The Civil War in America**  
*Semester, 5 units, Grades 10-12*  
*Comment: This course meets the UC “g” requirement.*

The Civil War in America is one of the most important events in United States history. Some of our greatest heroes, most notorious villains, finest generals, and our most famous president will come alive in this course. Students will learn the background and causes of the conflict, military strategies, victories and tragedies of the war. The changes in women’s roles and the reconstruction of the south will also be covered.

**440. Advanced Placement Psychology**  
*Full Year, 10 units, Grades 11-12*  
*Comment: This course meets the UC “g” requirement.*

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, teasing and individual differences, treatment of abnormal behavior and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.
TECHNOLOGY & MEDIA ARTS
(TAMA)

THE PROGRAM
These hands-on courses introduce students to the design and programming skills and tools needed for careers in computer programming, multimedia production, and digital design.

COURSES

COMPUTER SCIENCE
249. AP Computer Science Principles
252. HTML and Web Pages Design
256. Introduction to Computer Science (JAVA)
257. Gaming Analysis and Design
263. AP Computer Science A

DIGITAL GRAPHICS
254. Digital Photography
264. Digital Graphics & Multimedia Publishing
268. Advanced Digital Graphics

DIGITAL MEDIA
134. Journalism
265. Film & Video Arts 1
266. Film & Video Arts 2
814. Yearbook

TAMA WORK EXPERIENCE
267. Computer Project Work Experience
270. Graphic Design Work Experience

249. Advanced Placement Computer Science Principles (STEM)
Full year, 10 units, Grades 10-12
Prerequisite: Completion of at least one TAMA course or approval of instructor.
Comment: This course meets the UC “d” requirement.

This course introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. This is accomplished by focusing on the ideas of Creativity, Abstraction, Data & Information, Algorithms, Programming, the Internet, and the Global Impact of Computing. Students must submit a digital portfolio to the College Board AND take a live Advanced Placement test as part of this course.

252. HTML and Web Page Design (STEM)
Semester, 5 units, Grades 10-12
Comment: This course meets the UC “f” requirement

This elective course is designed to teach students how to create a basic web page and a fully functional web site. Students will be introduced to the basics of HTML coding and develop design skills utilizing the graphic and animation tools in Adobe Dreamweaver, Photoshop and Muse. As part of the course, students will learn to analyze a variety of websites focusing on visual appearance, navigation structure, and usability issues. The students will also examine issues regarding Internet ethics, e-commerce, and the new technologies that impact the web experience. Assignments will include the design of personal sites, as well as a group-produced site for an outside client.

256. Introduction to Computer Science:
Java (STEM)
Semester, 5 units, Grades 10-12
Comment: This course meets the UC “g” requirement.

This course is a basic, one-semester course in programming and problem solving with Java. This course is intended as a prerequisite to the Advanced Placement Computer Science A course, but also serves as an introduction to object oriented programming in Java. The topics covered will include (but are not limited to): Understanding how Java programs work, Storing and changing information in a Program, Using strings to communicate, Using conditional tests to make decisions, Repeating actions with loops, Creating and Describing objects, and User interfaces.

257. Gaming Analysis and Design (STEM)
Semester, 5 units, Grades 10-12
Comment: This course meets the UC “g” requirement

This course looks at the design, programming and impact of video games. Approximately one half of the course is devoted to programming, taking into account the importance of the design process. Narrative, character development, design principles, and playability all factor into each programming project. As games in the context of society is treated with equal importance, the class looks at the social impact of games in informing, educating, and altering behavior. The course also engages in the ongoing debates in the media involving gaming.

263. Advanced Placement Computer Science A (STEM)
Full year, 10 units, Grades 11-12
Prerequisite: Completion of Introduction to Java with a B or better, HTML & Web Page Design with a B or better, AP Computer Science Principles with a B or better or approval of instructor.
Comment: This course meets the UC “c” requirement.

Students will be prepared for the Advanced Placement test in Computer Science by learning object-oriented programming first at an elementary level and then progressing to an advanced level during the year. Students enrolled in this course will already be familiar with programming and will continue to enhance that knowledge with additional programming experiences using the Java language. Students must take the Advanced Placement test in Computer Science as part of this course.
254. Digital Photography (STEM)  
Semester, 5 units, Grades 10-12  
Prerequisite: Students must provide their own digital camera.  
Comment: This course meets the UC “f” requirement.

This semester-long course will serve as an introduction to digital photography. Basics will be taught including how to select a digital camera, understanding exposure and mastering shooting with a digital camera. Students will progress to understand effective composition and be able to determine the best equipment and settings necessary to shoot in numerous environments. In the studio, students will learn to enhance their photos using Adobe Photoshop as well as learn artistic techniques. Different color modes and resolution will be introduced, as students will produce work both for web and print results. Current artists and techniques will be studied and compared to older artists and methods. Various photographic genres will be explored, including portrait, landscape, and photojournalism.

A digital camera (DSLR) is highly recommended, but a camera phone is permitted if access to DSLR is not possible. (Moreau Catholic High School will NOT provide digital cameras for students enrolled in this course).

264. Digital Graphics & Multimedia Publishing (STEM)  
Semester, 5 units, Grades 10-12  
Comment: Recommended for students who plan to take Computer Project Work Experience, Journalism or Yearbook.  
Comment: This course meets the UC “g” requirement.

This course will show students a means of adapting artistic skills to electronic media and the use of graphics in computing. It will introduce the techniques and design principles needed to produce a variety of creative documents including posters, logos, advertisements, and publication layouts. Students will develop intermediate skills in the use of the software programs included in the Adobe Suite (Photoshop, InDesign, Illustrator and Dreamweaver). In addition, students will analyze several forms of media (including magazine, newspaper, video, and the world wide web) to learn how graphics are used to convey meaning.

266. Advanced Digital Graphics (STEM)  
Semester, 5 units, Grades 11-12  
Prerequisite: At least one of the following courses: Design Graphics, Digital Photography, Advanced Art, Game Design & Analysis, Web Design and/or permission from the instructor.  
Comment: This course meets the UC “f” requirement.

In Advanced Digital Design students will learn effective visual communication skills through design projects based on specific aesthetic and goal requirements. This course takes the skills and knowledge learned in digital graphics, digital photography, game design and/or web design and introduces advanced topics in form, style, and criticism. The fundamentals of typography (letter & type design), layout and design, logo design, cartooning and illustration will be studied. Students will also consider the influence of the medium on culture and the ethics involved in digital design. Programs used will include Adobe Creative Suite (Photoshop, Illustrator, InDesign, Flash and Dreamweaver). At the end of the course students will create a portfolio showcasing their compositions and skills. This portfolio could be used for A.P. Studio Art.

134. Journalism and Modern Media (STEM)  
Full year, 10 units, Grades 10-12  
Comment: This course meets the UC “g” requirement.  
This course does not meet the senior MCHS English requirement. This course may be repeated for credit.

The formation of news into journalistic style and the analysis of the techniques of modern mass media, especially radio and television are emphasized. Students specialize in feature writing, sports writing, editorial writing, or in-depth reporting, editing and revising. The course will also examine how media influence American society. The class is responsible for writing and editing the school newspaper.

265. Film & Video Arts 1 (MCTV) (STEM)  
Semester, 5 units, Grades 10-12  
Comment: This course meets the UC “f” requirement.

This course will instruct students in three basic areas: contemporary broadcast media, critical analysis with an emphasis on interpretation and aesthetic qualities, and hands-on video production including camera operation, lighting, sound, script-writing, and editing. The primary focus of the course is the art of communication and the creative process required to produce quality video productions. Media literacy is also a component of the course and involves the study and analysis of how film and video impacts society.

266. Film & Video Arts 2 (Advanced MCTV) (STEM)  
Semester, 5 units, Grades 10-12  
Prerequisite: Student must have taken Video/Film Arts I, or Journalism, and have approval of instructor.  
Comment: This course meets the UC “f” requirement. This course may be repeated for credit.

Students enrolled in this course will continue to focus on the art of communication in video and film production with an emphasis on broadcast journalism. Students will be expected to undertake independent projects of greater length and will be entrusted with greater responsibilities for the production of MCTV’s live weekly newscasts. Media and visual literacy in addition to critical analysis of current video and film art forms will be central to the content of this class.

814. Yearbook (STEM)  
Full year, 10 units, Grades 10-12  
Prerequisites: See instructor for information on how to join this very important team!  
Comment: This course is pending UC approval. This course may be repeated for credit.
The production of the yearbook is an important annual event at Moreau Catholic. While working on the yearbook staff, students learn and develop a variety of design and graphics skills, caption writing, photography skills, and management skills. The entire book is produced digitally and students master Adobe InDesign and Photoshop. The yearbook staff creates the entire yearbook, including the theme, cover design and content. Students plan the sections, select and correct photos, write all copy and design all spreads. Besides being a regularly scheduled class, yearbook production also requires a time commitment to work after school and during Office Hours to complete deadlines. Although this challenge requires a great deal of responsibility, the rewards are tangible, as your work will be professionally published.

270. Graphic Design Work Experience
Semester, 5 units, Pass/Fail, Grades 11-12
Prerequisite: Completion of a Digital Graphics, Film & Video Arts or Digital Photography class and/or approval from their respective instructor.
Comment: This course may be repeated for credit.

Students selected for this position will assist Moreau’s Marketing and Communications Department in the creation of graphic design and multimedia materials. This will be an opportunity for students to expand their knowledge and continue working in graphic design, photography or video. At the end of this semester-long position, students will have developed a portfolio of high-level work and receive a letter of recommendation for college applications and/or their continued pursuits in this field. An interview with the Marketing /Communications department is required prior to acceptance.
THEOLOGY

THE PROGRAM
MCHS requires 40 units of Theology.

Students, who transfer to Moreau Catholic as sophomores, are required to take 30 units of Theology.

Students are required to complete the Holy Cross Social Justice Program, which includes 45 hours of service learning and completion of a Capstone project.

COURSES

331. Frosh Theology
   Full year, 10 units (required), Grade 9

This course grounds students in Sacred Scripture and Traditions of the Roman Catholic Church. The course introduces students to the traditions, history and themes of the Congregation of Holy Cross, and provides personal formation opportunities through service learning, prayer and retreat. The major focus of the year is the encounter of Jesus as the Christ and our faithful response to that. Students explore Hebrew Scripture, the social world of Jesus; acquire exegetical tools, in preparation for an intensive study of God's revelation of Jesus Christ in the Four Gospels.

303. Christology
   Semester, 5 units (required), Grade 10

This course continues the Mission of Jesus the Christ through the redemption Christ gained for all humanity. An emphasis on what it means to be a disciple of Christ will be studied by tracing the goodness of creation, humanity's fall from grace, and the promise of the Messiah. Christ's redemption through the Paschal Mystery will be a primary focus, and its implications for the life of the believer.

304. Church History
   Semester, 5 units (required), Grade 10

The encounter of Jesus the Christ is deepened through the study and nature of the Church throughout history. Students will address the Church's origin, foundation and mission throughout human history. Emphasis is on the development of the Church through particular time periods (Roman Empire, Middle Ages, Reformation, Modernity, and World Church etc.), understanding seminal events (Council of Nicaea, Rise of Monasticism, Crusades, Trent, Vatican II etc.) and experiencing the prophetic history of the "People of God".

UPPER DIVISION COURSES

Students will take one semester of Social Justice and one semester of Morality in their junior year. In their senior year, they will take one semester of Christian Culture in a Changing World (Sacraments) and one semester of an upper division Theology elective course.

A student may choose to apply for Campus Ministry Leadership or Social Justice Leadership in their senior year. These courses would fulfill the upper division course requirement.

306. Morality
   Semester, 5 units (required), Grade 11
   Comment: This course meets the UC "g" requirement.

The purpose of this course is to help students understand, experience, reflect on what God's plan is for them in their lives and how to fully live out that plan through a life dedicated to understanding who is Jesus Christ. Students will learn the moral concepts and precepts that govern the Law of Hebrew Scriptures, Jesus' commandments to love, the Beatitudes, Gifts of the Holy Spirit, and the role of conscience to make moral and virtuous decisions given the reality of sin and suffering in our world today!

319. Social Justice
   Semester, 5 units (required), Grade 11

The course will introduce students to the major themes of Catholic social teaching. The principles of social teaching found in scripture (10 commandments; Beatitudes), modern encyclicals (Rerum Novarum), bishop's conferences, will present Christ's concern for others, the confrontation of sin and its social dimensions and the Church as a sign of charity and justice. The content of this course is the foundation for the Holy Cross Social Justice Capstone project.

335. Christian Culture in a Changing World
   (Sacraments – Required)
   Semester, 5 units, Grades 12
   Comment: This course meets the UC “g” requirement.

This course will survey the biblical and historical foundations of Catholic spiritual practices including mysticism, forms of prayer and liturgical celebrations. Students will investigate the impact of enculturation on various regions of the world, particularly on the Church in global south, i.e. Latin America, Africa, India, and Southeast Asia. Finally, this course will examine the impact the Second Vatican Council on the Mystical Body of Christ. Students will research the movements of the Council and recognize its profound impact on the Global Church.
SENIOR THEOLOGY ELECTIVES

307. Introduction to New Testament  
Semester, 5 units, Grades 12

This course is a comprehensive introduction to New Testament studies, including content, historical context, and the processes used by Biblical scholars in their attempt to solve problems associated with understanding the New Testament.

153. The Bible as Literature  
Semester, 5 units, Grades 12
Comment: This course meets the UC “b” English requirement.

Did you know that the Bible is the best selling literary text in the world? Have you ever read a good book or short story and noticed that the story bears a striking resemblance to the plot of Noah and the flood, the characters of Rachel and Leah, or the symbolism of the Passion of Christ? Bible as Literature explores the literary nature of Hebrew and Christian scriptures, and compares literary traditions of the Bible with American and English literature. Using biblical scholarship, students will apply literary analysis and interpretation to biblical characters, plots, themes, and styles such as myth, drama, and poetry.

315. Major Religions of the World  
Semester, 5 units, Grades 12
Comment: This course meets the UC “g” requirement.

This course studies the non-Christian religious traditions including Hinduism, Buddhism, Taoism, Confucianism, Islam and Judaism. Topics covered include meditation, chanting, yoga, reincarnation, prayer and fasting. Emphasis will be on each tradition’s unique religious practices and on their common goal of understanding the meaning and purpose of life.

309. Prophecy and Apocalyptic Literature  
Semester, 5 units, Grades 12
Comment: This course meets the UC “b” English requirement.

This course will examine the apocalyptic genre of literature found in Jewish and early Christian writings. Major emphasis will be placed on comparing revelation as a literary response to varying religious/social/political responses throughout history. It will also focus on the continuing fascination of “end times” as demonstrated through art and cinematic media. Students will read and critique the apocalyptic texts of the Hebrew and Christian scriptures, explore the themes of evil and sin, study the prophetic movement and discover the hopeful message of the literary genre.

334. Campus Ministry Leadership  
Full year, 10 units, Grade 12
Prerequisite: Interview process conducted by the Campus Ministry Director.
Comment: This course may be used to fulfill the senior semester Theology requirement.

This course is offered to seniors who wish to play an active role of ministerial leadership in the Campus Ministry programs of MCHS. Students will be responsible for working with the instructor in the planning, preparation and implementation of school-wide liturgies and smaller class collaboration liturgies. Students will also assist in other school ministerial endeavors such as retreats, mission collections, drives and service projects. In class, students will explore Christian spirituality, the history of Christian worship and the basic principles of liturgical worship. Students will be challenged to develop both personal and group leadership skills.

336. Social Justice Leadership  
Full year, 10 units, Grade 12
Prerequisite: Completion of course application, Social Justice junior year course and Morality Interview with Social Justice Coordinator.
Comment: This course may be used to fulfill the senior semester Theology requirement.

The Social Justice Leadership Team is an empowered group of students who take action to bring forward a socially just and sustainable community through the values of Catholic Social Teaching and The Congregation of Holy Cross. Students will go into a deep understanding of social justice issues and will serve as the student action team of Moreau Catholic and lead their peers to take action for a more just and sustainable world. Social Justice Leaders develop strong leadership skills, earn volunteer hours, are active change-makers, receive mentorship, and take part in experiences worth capturing for college entrance or future jobs.
VISUAL & PERFORMING ARTS

(VAPA)

THE PROGRAM
MCHS requires 10 units of Visual and Performing Arts.
The Visual and Performing Arts Department offers courses in the following disciplines: Vocal Music, Dance, Instrumental Music, Theater, and Visual Arts. Students fulfill the Visual and Performing Arts requirement during their freshmen year.

Introductory, and some advanced courses in the Visual and Performing Arts Department meet the UC “f” requirement. All other courses meet the UC “g” requirement where noted.

The department encourages students whose interests and abilities show promise in the Visual and Performing arts, to pursue a consistent, multi-year commitment to the program, as it can be of benefit in college admissions evaluation of a student’s portfolio.

VISUAL ARTS

Students interested in specializing in visual arts courses culminating in Advanced Placement Studio Art or Advanced Art in their senior year should notify their counselors and strive to take two art courses in both their sophomore and junior years, in addition to the ninth grade Visual Arts course.

Students who want an emphasis in two-dimensional art should take this sequence of courses:

Grade 9: Visual Arts
Grade 10: Drawing, Painting or Printmaking
Grade 11: Drawing and Painting 2, Advanced Art
Grade 12: AP Studio Art

Students who want an emphasis in three-dimensional art should take this sequence of courses:

Grade 9: Visual Arts
Grade 10: Sculpture, Ceramics
Grade 11: Sculpture 2, Advanced Art
Grade 12: AP Studio Art

Students who want an emphasis in digital art & media should take this sequence of courses:

Grade 9: Visual Arts
Grade 10: Digital Photography (1 semester) and Drawing/Painting (1 semester)
Grade 11: Advanced Digital Graphics (1 semester) and Advanced Art (1 semester)
Grade 12: AP Studio Art (2 semesters)

COURSES

822. Visual Arts
Full Year, 10 units
Comment: This course meets the UC “f” requirement.

In the Visual Arts course students draw, paint, and construct three-dimensional form as they learn elements and principles of art. They are encouraged to develop a visual language and a personal expression. In addition to constructing art, students study art theory, art history, and art criticism with a focus on the development of a personal aesthetic. Students study art from many cultures and historical periods to acquire a global perspective and an artistic perception.

807. Drawing
Semester, 5 units, Grades 10-12
Prerequisite: Completion of Visual Arts or approval of instructor.
Comment: This course meets the UC “f” requirement.

Drawing skills are fundamental to all areas of art. This class will teach students the use of drawing for the development of ideas, as well as for finished art works. Several drawing systems and methods will be taught, including drawing from observation, and the grid system for enlarging. Drawings will be done in pencil, charcoal, colored pencil, watercolor, and ink.

809. Sculpture
Semester, 5 units, Grades 10-12
Prerequisite: Completion of Visual Arts or approval of instructor.
Comment: This course meets the UC “f” requirement.

In this class students continue to learn to make three dimensional art works. Various sculptural materials will be used. The class emphasizes three dimensional form and design, and the use of basic art elements to create sculpture is studied. Sculptures from ancient to modern, encompassing many cultures and time periods, are studied and discussed.

810. Ceramics
Semester, 5 units, Grades 10-12
Prerequisite: Completion of Visual Arts or approval of instructor.
Comment: This course meets the UC “f” requirement.

This course focuses on the use of clay to create usable art forms and sculpture. From the beginning of time, people have made objects from clay as a means of expression as well as for practical purposes. As students study ceramic traditions in various cultures and historical periods, they will create their own unique artwork. This course will give students a hands-on appreciation for ceramics.
811. **Visual Arts Teaching Assistant**  
Semester, 5 units, Pass/Fail, Grades 11-12  
**Prerequisite:** Approval of instructor  
**Comment:** This course is not UC eligible. This course may be repeated for credit.

This class is for the student who has taken art classes and is interested in demonstrating knowledge of the assignments and assisting the teacher. This course will give students an introduction to the profession of teaching.

812. **Sculpture 2**  
Semester, 5 units, Grades 10-12  
**Prerequisite:** Completion of Sculpture and Clay  
**Comment:** This course meets the UC “f” requirement.

This class is for the student who has taken one semester of sculpture and wants to delve more into exploring sculpture in different mediums. The class will continue to teach aesthetics, techniques, and methods of working in a three-dimensional manner to create artwork. This class explores ways of thought, ways of approaching subject matter and ways of working with materials. Using a multitude of techniques, the class will construct contemporary works of art.

815. **Printmaking**  
Semester, 5 units, Grades 10-12  
**Prerequisite:** Completion of Visual Arts or approval of instructor.

This class will explore different forms and processes of printmaking. Students will explore a wide variety of printmaking, including intaglio, relief, color reduction printing, screen-printing and cyanotype. Students will focus on the comprehension of techniques and materials and their relationship to the printed image and visual concepts.

816. **Advanced Art**  
Semester, 5 units, Grades 10-12  
**Prerequisite:** Completion of previous art courses, student portfolio, written proposal by student of goals and objectives, and approval of instructor.  
**Comment:** This course meets the UC “f” requirement. This course may be repeated for credit.

This course is designed for advanced art students who wish to submit a portfolio for advanced art placement college credit and/or to create a portfolio to be considered for scholarship competition. Students follow the guidelines set down in the advanced art placement curriculum. Independence, diligence, willingness to experiment and stretch are a necessary part of the course. Emphasis is placed on students’ completion of set objectives and visible evidence of growth in their artwork. Students enrolled in this course must take the Advanced Placement test in Studio Art.

**THEATER ARTS**

Students who want an emphasis in Theatre Arts should consider taking this sequence of courses:

- **Grade 9:** Theatre Arts Perspective  
- **Grade 10:** Theatre Arts I and Costume and Makeup Design or American Musical Theatre  
- **Grade 11:** Honors Theatre Arts II and American Musical Theatre or Teaching Assistant  
- **Grade 12:** Theatre Arts III and/or Theatre Arts Teaching Assistant or Advanced Musical Theatre
COURSES

829. Theatre Arts Perspective
Full Year, 10 units
Comment: This course meets the UC “f” requirement. Theatre Arts Perspective is designed for students interested in learning about theatre in a variety of fun and interesting contexts. Students will develop performance skills through characterization, pantomime, and improvisation. Students will create and perform original skits, learn to analyze and critique live productions, and explore theatre as an art form throughout the ages. Theatre technology is also utilized during the second semester when students will prepare and perform a public showcase of their theatrical work.

831. Theatre Arts I
Semester, 5 units, Grades 10-12
Comment: This course meets the UC “f” requirement. No previous drama experience necessary. The 9th grade Theatre Arts Perspective course is NOT a prerequisite for this course.

Students will explore several aspects of theatre arts including: the acting and rehearsal process, analysis of play structure, anatomy of a production, script analysis, and the continued understanding of theatre as an art form. Students will create characters and perform scenes using improvisation and scene study techniques. Students will be required to attend local productions outside of class, write critical observations, and read and discuss related materials. The class will prepare and perform a short production for MCHS support schools. Participation in drama field trips is not mandatory, but highly recommended.

835. Honors Theatre Arts II
Semester, 5 units, Grades 11-12
Prerequisite: Completion of Theatre Arts I with a B or better or instructor approval
Comment: This course meets the UC “f” requirement. This course may be repeated for credit.

This advanced course builds upon the skills and material learned in Theatre Arts I. Students will explore different historical styles, the “world of the play,” and global theatre in cultural and sociological contexts. Acting techniques will encompass a broader range of styles. Students will learn directing techniques and will utilize both acting and directing skills in class presentations and in co-curricular projects outside the school community. Participation at these outside activities is mandatory.

834. Theatre Arts Teaching Assistant
Semester, 5 units, Pass/Fail, Grades 11-12
Prerequisite: Honors Theatre Arts II or approval of instructor.
Comment: This course is not UC eligible. This course may be repeated for credit.

This course is for students interested in theatre directing and instruction. Teaching assistants will work with beginning theatre arts students and Theatre Arts 1 classes by working with the instructor to help plan and teach lessons, create and direct class projects, lead group discussions, and evaluate student work.

841. Theatre Arts: Script Analysis, Conceptualization and Direction
Semester, 5 units, Grades 11-12
Prerequisite: Honors Theatre Arts II or Theatre Arts I and approval of instructor.
Comment: This course meets the UC “f” requirement.

Students enrolled in this course will approach dramatic literature and play production from the director’s perspective. The many roles and functions of the director in production will be studied by learning various directing techniques, effective communication with actors, how to shape dramatic action, research and design, how to use space, and how to develop the “world of the play.” Students will direct scenes from published plays, attend local productions, and meet with professional theatre artists.

842. Film Appreciation
Semester, 5 units, Grades 10-12
Comment: This course meets the UC “f” requirement.

This course will teach the fundamentals and aesthetics of filmmaking. Students will learn the art of motion picture storytelling by studying the artistic and technical aspects of the medium. Film history, technical analysis, and criticism of motion pictures and television will be explored. Approximately 8-10 complete films will be studied in class and clips from many other films will also be shown as supportive examples of various techniques. Attending films in local theatres is required.

844. Theatre Production
Semester, 5 units, Grades 9-12 Pass/Fail
Comment: Enrollment in the class is by approval of the instructor and a performance audition or submission of a technical crew application; this course can be repeated for credit but only 10 units can count toward the 50 MCHS elective graduation units.

The theatre production class in the first semester will prepare and perform the annual fall play and provide technical support for all Teves Theatre events. The theatre production class in the second semester will prepare and perform the annual spring musical and provide technical support for all Teves Theatre events.

836. American Musical Theatre: History and Practical Exploration
Semester, 5 units, Grades 10-12
Comment: This course meets the UC “f” requirement.

This course is designed to examine the historical development of musical theatre in America, and to offer students opportunities to learn various musical theatre performance techniques. Through dramatic interpretation, choreography, and vocal instruction,
students will prepare various selections from musicals for class projects. The Theatre Arts, Choral Arts, and Dance Arts instructors will team-teach during specified class times.

838. **Advanced Musical Theatre: Beyond the Classics**  
**Semester, 5 units, Grades 11-12**  
**Prerequisite:** Approval of instructor  
**Comment:** This course meets the UC “f” requirement.  
This course is for students who wish to continue their exploration, appreciation, and understanding of musical theatre history and performance techniques. The course will continue from where American Musical Theatre concluded. Students will study, rehearse and perform pieces from modern and contemporary musicals, including the works of Brecht and Weill, Sondheim, Webber, and others.

840. **Costume and Makeup Design for the Stage**  
**Semester, 5 units, Grades 10-12**  
**Prerequisite:** Theatre Arts Perspective or Theatre Arts I.  
**Comment:** This course meets the UC “f” requirement.  
This course is an introduction to stage costuming and makeup. Basic design principles and theories of stage costumes and makeup and their historical development will be explored. Students will study stories and characters from dramatic literature and design costumes and makeup based on their research. The actual construction of costumes will not be required, but students will have practical experience in the application of stage makeup. Students are required to purchase a specified makeup kit.

**INSTRUMENTAL MUSIC COURSES**

863. **Instrumental Music**  
**Full year, 10 units**  
**Comment:** This course meets the UC “f” requirement.  
This course provides students with an opportunity to learn a band instrument. Students may choose to learn the following instruments: trumpet, trombone, tuba, baritone horn, French horn, oboe, bassoon, clarinet, flute, percussion, saxophone, string bass. Performance is required.

875. **Symphonic Band**  
**Full year, 10 units**  
**Prerequisite:** Approval of instructor  
**Comment:** This course meets the UC “f” requirement. This course may be repeated for credit.  
This performance course emphasizes concert literature of a more difficult nature. Emphasis is placed on group participation and public performance.

876. **String Orchestra**  
**Full year, 10 units**  
**Prerequisite:** At least one year of experience on a string instrument in elementary, middle or high school, or private study.  
**Comment:** This course meets the UC “f” requirement and may also be used in some cases to satisfy the “g” requirement.  
This course is designed for intermediate to advanced string students, with experience on violin, viola, cello or string bass. Practice and performance outside of class are required.

877. **Honors Wind Ensemble**  
**Full year, 10 units**  
**Prerequisite:** Private lessons, and approval of, or audition with instructor.  
**Comment:** This course meets the UC “f” requirement and may also be used in some cases to satisfy the “g” requirement. This course may be repeated for credit.  
This honors course is for the most advanced students, usually juniors and seniors. This is an advanced ensemble in which students play a more individual role than in Symphonic Band. Students develop a high level of musicianship and interpret very demanding literature. Practice and performance outside of class are required. Ninth grade students who feel that their skills are very advanced may audition for this class.

879. **Honors String Orchestra**  
**Full year, 10 units**  
**Prerequisite:** Private lessons, and approval of, or audition with instructor.  
**Comment:** This course is pending UC approval. This course may be repeated for credit.  
Honors String Orchestra is for the most advanced string players in Moreau Catholic High School. This class is open to 11th and 12th grade students that have successfully completed the regular String Orchestra class. Students must apply through the Instrumental Music Department. Private lessons are strongly encouraged, as the repertoire is very challenging. Public performance is required.

867. **Jazz Ensemble**  
**Full year, 10 units**  
**Prerequisite:** Concurrent enrollment in Symphonic Band or Honors Wind Ensemble or String Orchestra and approval of instructor. Offered before school during zero period.  
**Comment:** This course meets the UC “f” requirement. This course may be repeated for credit.  
This is an advanced jazz course with study in jazz literature and improvisation with emphasis on group participation and public performance. Public performance is required.
873. **Honors Jazz Ensemble**  
**Full Year, 10 units, Grades 11-12**  
**Prerequisite:** Two years of band or orchestra classes, audition with instructor and oral exam. Concurrent enrollment in Honors Wind Ensemble or Honors String Orchestra. Offered before school during zero period.  
**Comment:** This course meets the UC “f” requirement. This course may be repeated for credit.

Honors Jazz Ensemble is a performance-based class that offers a rigorous curriculum, with emphasis in the study of a wide variety of stylistic genres. Students will select, analyze and perform college level literature with great proficiency. Students will develop advanced sight reading skills, and will sight read at adjudicated music festivals. There will be a strong emphasis in improvisation covering all significant forms and harmonic progressions used in the jazz idiom. Students will study the influence of jazz music and its development in Africa, the United States and Latin American countries. Several professional musicians and college educators will serve as guest lecturers and clinicians to both refine student performance and present career possibilities in music. For the Capstone Project, each student will compose and perform his/her own original jazz composition.

870. **Music Teaching Assistant (Band)**  
**Semester, 5 units, Pass/Fail, Grades 11-12**  
**Prerequisite:** Approval of instructor  
**Comment:** This course is not UC eligible. This course may be repeated for credit.

This class is for the student who has taken music classes and is interested in demonstrating knowledge of the assignments and assisting the teacher. This course will give students an introduction to the profession of teaching.

**VOCAL/CHORAL MUSIC COURSES**

864. **Chorus**  
**Full year, 10 units**  
**Comment:** This course meets the UC “f” requirement.

This course provides an opportunity for students to participate in a vocal performance ensemble. Students will learn basic vocal and choral techniques, music history, sight-singing skills and music theory. In addition, students will learn historical, cultural and societal contexts for choral music and composers of choral music. Students will be expected to critique their own and the performance of others. Public performance is required.

866. **Concert Choir**  
**Full year, 10 units**  
**Prerequisite:** Previous choral experience and audition with instructor  
**Comment:** This course meets the UC “f” requirement. This course may be repeated for credit.

This course provides an opportunity for continued growth in vocal performance. The study and performance of intermediate literature will be the focus of this class alongside further study of music theory and history. Concert Choir is the preparatory ensemble for students interested in Honors Choir. Public performance is required.

856. **Honors Choir**  
**Full Year, 10 units**  
**Prerequisite:** Previous choral experience and audition with instructor. Comment: This course meets the UC “f” requirement. This course may be repeated for credit.

This course provides an opportunity for students to develop advanced and refined vocal and choral techniques. Advanced knowledge and skill in theory and sight singing is expected and further study of music history will be emphasized. The study and performance of advanced literature including music from other cultures will be the focus of this course. Public performance and competition is required.

860. **Honors Chamber Singers**  
**Full Year, 10 units**  
**Prerequisite:** Requires vocal audition. Offered before school during zero period.  
**Comment:** This course meets the UC “f” requirement. This course may be repeated for credit.

Singers receive advanced instruction in vocal technique, reading music and advanced music theory. A variety of choral literature, music styles and period, both sacred and secular, are presented. Students learn stylistic interpretation as well as development of vocal and musical skills. Open to piano accompanists with audition. Weekend tours may occur as well as clinics, music festivals, evening rehearsals and performances. Most performances are required as part of the student’s grade.

874. **Music Teaching Assistant (Chorus)**  
**Semester, 5 units, Pass/Fail, Grades 11-12**  
**Prerequisite:** Approval of instructor.  
**Comment:** This course is not UC eligible. This course may be repeated for credit.

This class is for the advanced music student who is interested in music direction, conducting, and teaching. Piano skills highly desired.

**DANCE COURSES**

880. **Dance Focus**  
**Full Year, 10 units**  
**Comment:** This course meets the UC “f” requirement. Participation in performances outside of school time is optional.

The Dance Focus course is designed for students with limited or no dance experience. Students enrolled in this course will develop their technical...
skills while building knowledge of dance as a performing art. This course will focus on jazz technique and the history of this dance style.

**882. Concert Dance**  
*Full Year, 10 units*  
*Prerequisite: Dance Focus or previous dance experience and approval of instructor.*  
*Comment: This course meets the UC “f” requirement. Participation in performances outside of school time is optional. This course may be repeated for credit.*

This course is designed for intermediate dancers who have successfully completed at least one year of training in ballet, jazz, or modern dance within the past three years. Students will continue to strengthen their dance technique and will begin developing choreographic skills. Performance in the winter and spring dance concerts is required. Further performance opportunities are available.  
*This course is also offered in the evening:*

**Concert Dance - Evening**  
*Full Year, 10 units*  
*Prerequisite: Dance Focus or previous dance experience and approval of instructor.*  
*Comment: This course meets the UC “f” requirement. This course may be taken on a semester basis. See your counselor for qualifications. Times and days will be determined by instructor.*

This evening course is designed for intermediate students. It is geared toward students who are interested in gaining the benefits of dance, but would otherwise not be able to take the course in a traditional course schedule. The focus of the course is on building strength, flexibility, functional alignment and coordination. Performance opportunities in 3 dance concerts are optional and encouraged, but not required. For information and registration, students must see their counselor and/or instructor.

**878. Dance Ensemble**  
*Full Year, 10 units*  
*Prerequisite: Concert Dance and approval of instructor.*  
*Comment: This course meets the UC “f” requirement.Incoming students may be placed in this course by audition only. Due to the nature of this course, mandatory meetings outside of class time will be required in addition to the planned public performances. This course may be repeated for credit.*

This course is designed for the intermediate/advanced dancer who has had three or more years training in ballet, jazz or modern dance and who seeks to continue developing technical and choreographic skills. The course will focus on jazz and modern performance technique and composition. Public performance is required.

**883. Dance Ensemble 2**  
*Full Year, 10 units*  
*Prerequisite: Dance Ensemble and approval of instructor.*  
*Comment: This course meets the UC “f” requirement. Incoming students may be placed in this course by audition only. This course may be repeated for credit.*

Dance Ensemble 2 is designed for intermediate/advanced dancers who possess the technical and academic maturity to proceed to the next level of study, but are not yet eligible to apply for Honors Dance. Students will have the opportunity to be challenged through advanced level technique and the creation of group choreography. Students will apply their creative and technical knowledge through a variety of choreographic investigations, production and performance opportunities.

**884. Honors Dance**  
*Full Year, 10 units, Grades 11-12*  
*Prerequisite: Dance Ensemble and approval of instructor.*  
*Comment: This course meets the UC “f” requirement. Due to the nature of this course, mandatory meetings outside of class time will be required in addition to the planned public performances. This course may be repeated for credit.*

This course is designed for advanced dancers who have successfully completed Dance Ensemble and possess the technical and academic maturity to proceed to the next level of study. Students will have the opportunity to be challenged through advanced level technique and the creation of solo and group choreography. Performance in winter and spring informal showings and formal dance concerts is required. Further performance opportunities are available.

**885. Social Dance**  
*Semester, 5 units, Grades 10-12*  
*Comment: This course is not UC eligible.*

Social Dance is designed as a beginning level class for students who are interested in learning ballroom dance. Students will explore dances originating from European, Latin and American cultures. Some of the dances learned will include swing, salsa, waltz, and tango. Emphasis will be on body alignment, spatial awareness, balance and musicality—all elements that may be of benefit in other physical activities (e.g. sports, martial arts or other dance forms). Social Dance is intended for students with or without previous movement experience. Public performance is optional.

**887. Intermediate Social Dance**  
*Semester, 5 units, Grades 10-12*  
*Prerequisite: Social Dance or approval of instructor.*  
*Comment: This course is not UC eligible.*

This course is designed as an intermediate level class for students who are interested in continuing their ballroom dance experience. Students will explore dances originating from European, Latin, and
American cultures. Emphasis will be on body alignment, spatial awareness, balance and musicality – all elements that may be of benefit in other physical activities (i.e. athletics, martial arts and other dance forms). This class is intended for students who have taken Social Dance or have previous ballroom dance experience. Public performance is optional.

**886. Dance Teaching Assistant**  
Semester, 5 units, Pass/Fail, Grades 11-12  
Prerequisite: Approval of instructor.  
Comment: This course is not UC eligible. This course may be repeated for credit.

This class is for the student who has taken dance classes and is interested in demonstrating knowledge of the assignments and assisting the teacher. This course will give students an introduction to the profession of teaching.
WORLD LANGUAGES

THE PROGRAM
MCHS requires 20 units of one world language. Students demonstrating aptitude in language are strongly advised to take three or four years of the same language. All world language courses are UC "e" eligible unless otherwise noted.

COURSES

600. Spanish 1
Full year, 10 units

At the first level of language acquisition, students are introduced to the sounds, basic vocabulary, grammar and structures of the target language. This course aims to involve students in the receptive skills of listening and reading and in the productive skills of speaking and writing. This will enable students to comprehend and use a variety of language functions. The first level of studies seeks as well to raise students' cultural consciousness and to aid them in developing an awareness of basic differences between the target cultures and their own.

601. Spanish for Native Speakers
Full year, 10 units

Prerequisite:
- Placement based on performance on the Language Placement Test
- Approval of the instructor and Department Chair

This course is designed for students who speak Spanish, but do not read or write it. It will increase their vocabulary to a higher level, and it will provide Spanish-speaking students with the necessary writing, reading and grammar skills they need. The course will help students develop fluent conversational Spanish and practice more advanced grammar. This course is considered a second level language course, and upon completion, students may move into Spanish 3 or Spanish 3 Honors. Students qualify for the course via a combined written assessment and oral interview.

602. Spanish 2
Full year, 10 units

Prerequisite:
- Two completed semesters of Spanish 1 with a grade of C- (70%) or better for the 2nd semester
- Approval of Department Chair and teacher recommendation

The second level of studies is designed to expand and refine the students' listening and speaking skills so they may attain fluency in more complex conversations and narrations. The students' vocabulary will be expanded and new structures will be introduced to increase accuracy, broaden the basis of the four skill areas and further the students' communicative abilities in the target language. The students' familiarity with the peoples and customs of the target cultures will be broadened, offering additional contexts in which students may apply their skills.

603. Spanish 2 Honors
Full year, 10 units

Prerequisite:
- Two completed semesters of Spanish 1 with a B+ (87%) or better for the 2nd semester
- 9th grade students must qualify through the Language Placement Test

Placement in Spanish 2 Honors will provide a more challenging learning environment. A more in-depth presentation of the four skill areas will be used. Vocabulary will be expanded and new grammatical structures will be introduced to increase accuracy in communication. The students' familiarity with the peoples and customs of the target cultures will be broadened, offering students the opportunity to research and study the culture of Spanish-speaking countries.

604. Spanish 3
Full year, 10 units

Prerequisite:
- Two completed semesters of Spanish 2 with a grade of C (73%) or better for the 2nd semester or
- Two completed semesters of Spanish for Native Speakers with a C (73%) or better for the 2nd semester.

The third year of language studies continues to involve students in interactive communicative tasks. Students are becoming more proficient, achieving accuracy in the basic structures. Students will be able to handle many survival and social demands in writing. Students can initiate conversation, sustain lengthier conversations, narrate and describe in the past, present and future. The four skill areas continue to be enforced. Students are introduced to some major literary, artistic and musical works and continue to explore the socio-cultural aspects of the language.

605. Spanish 3 Honors
Full year, 10 units

Prerequisite: One of the following:
- Two completed semesters of Spanish 2 Honors with a B+ (87%) or better for the 2nd semester or
- Two completed semesters of Spanish for Native Speakers with a B+ (87%) or better for 2nd semester or
- Approval of Department Chair and teacher recommendation

This course is offered to students seeking a more challenging academic program that will prepare them for AP Spanish Language. The four basic skills will be enhanced allowing students to further develop their ability to communicate in the target language. Students will be able to write 200 word essays using correct structure and syntax. Students are introduced to some major literary, artistic and musical works and continue to explore the socio-cultural aspects of the language.
607. Spanish 4
Full year, 10 units
Prerequisite: One of the following:
- Two completed semesters of Spanish 3 with B (83%) or better for the 2nd semester or
- Two completed semesters of Spanish 3 Honors with a C (73%) or better for the 2nd semester or
- Two completed semesters of Spanish for Native Speakers with a B (83%) or better for 2nd semester and
- A recommendation from the teacher.

This course continues to build skills in reading and writing. A strong focus will be placed on the ability to acquire the skills necessary to survive in the world around us. The ability to communicate both orally and in the written form will be enhanced. Literary works, music and art will form an important part of their studies.

606. Advanced Placement Spanish Language
Full year, 10 units
Prerequisite: One of the following:
- Two completed semesters of Spanish 3 Honors with an B+ (87%) or better for the 2nd semester or
- Two completed semesters of Spanish 4 with a B+ (87%) or better for the 2nd semester and
- Approval from teacher

This advanced level of language studies will enable students to refine all language skills previously learned. Grammatical principles will be reviewed to strengthen accuracy. This class will provide students with a variety of listening, writing and speaking situations. Students will express themselves in formal and informal writing on practical, social and professional topics. Students will continue to explore the history, literary works and socio-cultural systems of the target language. Students enrolled in this course must take the Advanced Placement test for Spanish Language.

608. Advanced Placement Spanish Literature
Full year, 10 units
Prerequisite: One of the following:
- Two completed semesters of AP Spanish Language with a B+ (87%) or better for the 2nd semester

This course will explore an extensive set of literary works as designated by the College Board, starting with the Golden Age era through the present. Discussion and analysis of required texts, and their authors, will be the main focus of this course. Through their studies of literature, further cultural and geographical studies will be presented. Students enrolled in this course must take the Advanced Placement test in Spanish Literature.

612. French 1
Full year, 10 units
At the first level of language acquisition, students are introduced to the sounds, basic vocabulary, grammar and structures of the target language. This course aims to involve students in the receptive skills of listening and reading and in the productive skills of speaking and writing. This will enable students to comprehend and use a variety of language functions. The first level of studies seeks as well to raise students’ cultural consciousness and to aid them in developing an awareness of basic differences between the target cultures and their own.

614. French 2
Full year, 10 units
Prerequisite:
- Two completed semesters of French 1 with a grade of B (83%) or better for the 2nd semester.

The second level of studies is designed to expand and refine the students’ listening and speaking skills so they may attain fluency in more complex conversations and narrations. The students’ vocabulary will be expanded and new structures will be introduced to increase accuracy, broaden the basis of the four skill areas and further the students’ communicative abilities in the target language. The students’ familiarity with the peoples and customs of the target cultures will be broadened, offering additional contexts in which students may apply their skills.

616. French 3
Full year, 10 units
Prerequisite:
- Two completed semesters of French 2 with a grade of C (73%) or better for the 2nd semester

The third year of language studies continues to involve students in interactive communicative tasks. Students are becoming more proficient, achieving accuracy in the basic structures. Students will be able to handle many survival and social demands in writing. Students can initiate conversation, sustain lengthier conversations, narrate and describe in the past, present and future. The four skill areas continue to be enforced. Students are introduced to some major literary, artistic and musical works and continue to explore the socio-cultural aspects of the language.

617. French 4
Full year, 10 units
Prerequisite:
- Two completed semesters of French 3 with a grade of B (83%) or better for the 2nd semester or
- Approval of instructor and Department Chair

This course continues to build skills in reading and writing. A strong focus will be placed on the ability to acquire the skills necessary to survive in the world around us. The ability to communicate both orally and in the written form will be enhanced. Literary works,
music and art will form an important part of their studies.

618. Advanced Placement French Language
Full year, 10 units
Prerequisite:

- Two completed semesters of French 3 with a grade of B+ (87%) or better for the 2nd semester

This advanced level of language studies will enable students to refine all language skills previously learned. Grammatical principles will be reviewed to strengthen accuracy. This class will provide students with a variety of listening, writing and speaking situations. Students will express themselves in formal and informal writing on practical, social and professional topics. Students will continue to explore the history, literary works and socio-cultural systems of the target language. Students enrolled in this course must take the Advanced Placement test in French Language.

645. Chinese 1 (Mandarin)
Full year, 10 units

This class is designed for non-native speakers. The curriculum prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of the target culture(s) and other cultures. Students will develop insight into their own language and culture. Themes may include myself, family, friends, home, school, food and customs, sports, likes and dislikes.

647. Chinese 2 (Mandarin)
Full year, 10 units
Prerequisite:

- Two completed semesters of Chinese 1 with a grade of C- (70%) or better for the 2nd semester
- Approval of instructor and Department Chair

Level II Mandarin Chinese class is designed for non-native speakers of the target language. The curriculum prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of the target culture(s) and other cultures. In addition, students develop insight into their own language and culture. Themes may include family and friends, school schedules, leisure activities, shopping directions, buildings and monuments, places and events.

648. Chinese 3 (Mandarin)
Full year, 10 units
Prerequisite:

- Two completed semesters of Chinese 2 with a grade of C (73%) or better for the 2nd semester or
- Approval of instructor and Department Chair

Level III Mandarin Chinese class prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the Intermediate Level on the ACTFL Proficiency Guidelines; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of the target culture(s) and other cultures. In addition, students develop insight into their own language and culture. Students in Chinese 3 will learn the structure and vocabulary necessary to communicate in Chinese using extended language to talk about the following themes: school life, modes of transportation, illness, travel, family and friends, preferred activities, healthy lifestyles, professions and work, developments in technology, history, art, literature, music, and global challenges.

649. Chinese 4 (Mandarin)
Full year, 10 units
Prerequisite:

- Two completed semesters of Chinese 3 with a grade of C or better for the 2nd semester.

This course provides students with the opportunity to continue to demonstrate proficiency in Mandarin Chinese at the Intermediate Level in each of the three modes of communication on the ACTFL Proficiency Guidelines. Students analyze the historical, political, and social issues of the Mandarin-speaking world using authentic literary texts, films, music, art, and mass media. Students also have the opportunity to explore the wide range of cultures in the world where Mandarin is spoken (China, Taiwan, Singapore, etc.). Language skills are developed through oral presentations, research projects, and reflections on literary and non-literary texts. Students are encouraged to independently and deeply explore and research topics of interest to them.

651. Advanced Placement Chinese Language (Mandarin)
Full year, 10 units
Prerequisite:

- Two completed semesters of Chinese 4 with a grade of C+ (77%) or better for the 2nd semester and teacher recommendation or
- Successful completion of Language Placement Test and teacher recommendation

The AP Language and Culture courses provide students with opportunities to demonstrate their proficiency at the intermediate to pre-advanced range in each of the three modes of communication on the
ACTFL Proficiency Guidelines. Students are expected to: engage in spoken and written interpersonal communication; synthesize information from a variety of authentic audio or audiovisual resources; synthesize information from a variety of authentic written and print resources; plan, produce and present spoken and written presentations. The six broad themes of study include beauty and aesthetics, contemporary life, families and communities, global challenges, personal and public identities, and science and technology.
SPECIAL PROGRAMS

The courses listed in this section of the booklet are limited to students who are approved on an individual basis by the teacher or counselor.

905. **IWE - Inside Work Experience**  
   **Semester, 5 units, Pass/Fail**  
   **Prerequisite:** Approval of counselor.  
   **Comment:** This course may be repeated for credit.

Students who are assigned to Inside Work Experience will be required to perform miscellaneous clerical duties for teachers or staff as needed. Students may also be assigned to assist teachers in academic departments. Students should have a good discipline and attendance record.

930. **Leadership**  
   **Full year, 6 units, Pass/Fail**  
   **Comment:** Required class for all elected officers. Offered before school during zero period. This course may be repeated for credit.

This course is designed to develop those skills that students who have been elected, as leaders need in order to represent their peers, specifically communication and organizational skills. The course will also help student leaders to focus on enhancing the values of justice, equality, responsibility and constructive engagement within the school community. Students are also fully engaged with promoting all aspects of the Holy Cross theme for the school year. Students are required to participate in two workshops/retreats in August and January to prepare for the opening of school and to plan for events during the school year, as well as a service project designed to serve the school, community and the larger Holy Cross family.

960. **Study Skills**  
   **Full year, 10 units, Grade 9**  
   **Prerequisite:** Placement by the Office of Admissions.

This course is intended for students who need assistance in basic skill areas and consists of two components in two semesters. First semester covers the skills component where students are instructed in, practice, and implement a variety of study strategies. These strategies include organizational and time management skills, goal setting, effective note taking from verbal and written information, reading comprehension techniques, test preparation tips, and implementation of graphic organizers. Students are also taught how to develop a growth mindset. The second semester continues reinforcement of all strategies used semester one and allots time in class to form structured study groups, teacher-student assistance, and individual silent study. As first introduced during semester one, any student with a C- or lower in one or more classes will be completing a signed study contract—referred to as an Academic Action Plan (AAP).

961. **Guided Study**  
   **Semester, 5 units, Pass/Fail, Grades 10-12**  
   **Prerequisite:** Placement is determined by the Counseling Department.  
   **Comment:** This course may be repeated for credit.

This course is intended to provide academic assistance to students. A review of study strategies and organization will also be included. This is a structured study course providing both teacher-student assistance, as well as, individual study.
## University of California’s “a – g” Approved Courses at Moreau Catholic High School

The courses below meet the requirements for admission to the University of California.

Courses meeting UC eligibility for extra honors credits are in bold and are indicated with a p+ on transcripts. Courses pending UC approval are underlined.

| HISTORY/SOCIAL SCIENCE | American Government | AP US History
| "a" | American Law & Justice | Honors World History
|  | AP Government & Politics | US History
|  | AP Comparative Government | World History

| ENGLISH | American Government | AP US History
| "b" | Advanced Composition (Honors) | Myth & Folklore
|  | AP English Literature | Prophecy and Apocalyptic Literature
|  | Bible as Literature | Science Fiction/Utopian Literature
|  | English 9, 10, 11 | Senior Seminar
|  | English for International Students | Shakespeare for all Ages
|  | Essay as Literature | The Graphic Novel as Literature
|  | Ethnic Literature | Twentieth Century Literature
|  | Great Books | Women’s Literature
|  | Honors English 9, 10, 11 | World Literature

| MATHEMATICS | Algebra 1A/1B | Calculus
| "c" | Algebra 1 | Geometry
|  | Algebra 2 | Honors Algebra 2 (Frosh)
|  | Analysis and Trigonometry | Honors Algebra 2
|  | AP Calculus AB | Honors Geometry
|  | AP Calculus BC | Honors Pre-Calculus
|  | AP Computer Science A | Pre-Calculus
|  | AP Statistics | Biotechnology 2

| LABORATORY SCIENCE | Anatomy and Physiology | Biotechnology 2
| "d" | AP Biology | Chemistry
|  | AP Chemistry | Conceptual Physics
|  | AP Computer Science Principles | Honors Anatomy & Physiology
|  | AP Environmental Science | Honors Biology
|  | AP Physics 1 | Honors Chemistry
|  | AP Physics C | Kinesiology
|  | Biology | Physics
|  | Biotechnology 1 | Honors Physics

| LANGUAGE OTHER THAN ENGLISH | AP Chinese Language | French 1, 2, 3, 4
| "e" | AP French Language | Spanish 1, 2, 3, 4
|  | AP Spanish Language | Spanish 2 Honors
|  | Chinese 1, 2, 3, 4 | Spanish 3 Honors
|  |  | Spanish for Native Speakers

| VISUAL AND PERFORMING ARTS | Advanced Art | HTML & Web Page Design
| "f" | Advanced Digital Graphics | Instrumental Music
|  | Advanced Music Theatre: Beyond the Classics | Jazz Ensemble
|  | American Music Theatre: History and Practical Exploration | Painting
|  | AP Studio Art | Sculpture
|  | Ceramics | Sculpture 2
|  | Chorus | String Orchestra
|  | Concert Choir | Symphonic Band
|  | Concert Dance | Theatre Arts Perspective
|  | Costume & Makeup Design | Theatre Arts 1
|  | Dance Ensemble | Theatre Arts: Script Analysis and Direction
|  | Dance Ensemble 2 | Visual Arts

| ELECTIVE COURSES | AP Macroeconomics | Gaming Analysis and Design
| "g" | AP Microeconomics | Green Engineering
|  | AP Psychology | Introduction to Psychology
|  | Business Economics | Journalism and Modern Media
|  | Christian Culture in a Changing World | Major Religions of the World
|  | Civil War in America | Mass Media and Popular Arts
|  | Communications: Speech & Debate | Math Modeling
|  | Computer Science: Java | Morality
|  | Digital Graphics and Multimedia Publishing | Prophecy and Apocalyptic Literature
|  | Economics | Robotics Engineering
|  | Engineering 1: Design | Social Justice Leadership
|  | Ethnic & Cultural Diversity in America | Sport and Society
|  | Yearbook |
**NCAA ELIGIBILITY Approved Courses at Moreau Catholic High School**

The courses below meet the core requirements for NCAA qualifications.

Courses meeting NCAA eligibility for extra honors credits are in bold. Courses pending NCAA approval are underlined. NCAA legislation permits a student to receive credit for a core course only one time. As a result, if a student repeats a core course, the student will only receive credit once for the core course.

<table>
<thead>
<tr>
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<tr>
<td>Advanced Composition (Honors)</td>
<td>Myth &amp; Folklore Science</td>
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<tr>
<td>AP English Literature</td>
<td>Fiction/Utopian Literature</td>
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<tr>
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<td>Senior Seminar</td>
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<td>English 9, 10, 11</td>
<td>Shakespeare for all Ages</td>
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<td>The Graphic Novel as Literature</td>
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<td>Analysis and Trigonometry</td>
<td>Honors Geometry</td>
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<td>Engineering 1: Design</td>
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<tr>
<td>AP Environmental Science</td>
<td>Green Engineering</td>
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<td>Honors Anatomy &amp; Physiology</td>
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<td>AP Physics C</td>
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<tr>
<td>AP American Government &amp; Politics</td>
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<tr>
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<td>Introduction to Psychology</td>
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<td>AP Psychology</td>
<td>Sport and Society</td>
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<tr>
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<tr>
<td>Major Religions of the World</td>
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# MOREAU CATHOLIC HIGH SCHOOL COURSE LIST 2021 - 2022

## Full Year Courses

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<thead>
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<tbody>
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<td>102 English 9</td>
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## Semester Courses

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<td>149 Shakespeare for All Ages</td>
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<td>Full Year Courses</td>
<td>Semester Courses</td>
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<td><strong>PHYSICAL EDUCATION</strong></td>
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<td>550 Boys PE &amp; Health</td>
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<td>579 Strength and Development</td>
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<td>407 American Government</td>
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<tr>
<td>821 Mass Media and Popular Arts</td>
<td>413 Business Economics</td>
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<td>420 Communications: Speech and Debate</td>
<td>421 Ethnic and Cultural Diversity in America</td>
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<td>428 The Civil War in America</td>
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<td><strong>TECHNOLOGY AND MEDIA ARTS (TAMA)</strong></td>
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<td>249 AP Computer Science Principles</td>
<td>252 HTML and Web Page Design</td>
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<td>263 AP Computer Science A</td>
<td>256 Into to Computer Science: JAVA</td>
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<td>134 Journalism and Modern Media</td>
<td>257 Gaming Analysis and Design</td>
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<td>814 Yearbook</td>
<td>254 Digital Photography</td>
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<td>264 Digital Graphics &amp; Multimedia Publishing</td>
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<td>268 Advanced Digital Graphics</td>
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<td>265 Film &amp; Video Arts 1</td>
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<td>266 Film &amp; Video Arts 2</td>
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<td>270 Graphic Design Work Experience</td>
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<td>331 Frosh Theology</td>
<td>303 Christology</td>
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<tr>
<td>334 Campus Ministry Leadership</td>
<td>304 Church History</td>
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<td>336 Social Justice (Seniors) Leadership</td>
<td>306 Morality</td>
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<td>319 Social Justice</td>
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<td>335 Christian Culture in a Changing World</td>
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<td>307 Introduction to New Testament</td>
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<td>315 Major Religions of the World</td>
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<td>309 Prophecy and Apocalyptic Literature</td>
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<td><strong>VISUAL AND PERFORMING ARTS (VAPA)</strong></td>
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<tr>
<td>822 Visual Arts</td>
<td>807 Drawing</td>
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<tr>
<td>820/825 AP Studio Art</td>
<td>809 Sculpture</td>
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<tr>
<td>829 Theatre Arts Perspective</td>
<td>810 Ceramics</td>
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<td>863 Instrumental Music</td>
<td>811 Visual Arts Teaching Assistant</td>
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<td>815 Printmaking</td>
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<td>819 Drawing &amp; Painting 2</td>
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<td>864 Chorus</td>
<td>835 Honors Theatre Arts 2</td>
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<td>834 Theatre Arts Teaching Assistant</td>
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<td>856 Honors Choir</td>
<td>841 Theatre Arts: Script Analysis</td>
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<td>860 Honors Chamber Singers</td>
<td>842 Film Appreciation</td>
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<td>844 Theatre Production</td>
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<td>836 American Musical Theatre: History and Practical Exploration</td>
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<td>838 Advanced Musical Theatre: Beyond the Classics</td>
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<td>905 IWE – Inside Work Experience</td>
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<tr>
<td>960 Study Skills</td>
<td>961 Guided Study</td>
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## STEM COURSES

Moreau offers a multitude of STEM (Science, Technology, Engineering & Math) courses.

### Science
- Anatomy & Physiology
- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics 1
- AP Physics C
- Biology
- Biotechnology 1
- Biotechnology 2
- Chemistry
- Conceptual Physics
- Honors Anatomy & Physiology
- Honors Biology
- Honors Chemistry
- Kinesiology
- Physics

### Technology
- Advanced Digital Graphics
- AP Computer Science A
- AP Computer Science Principles
- Introduction to Computer Science: Java
- Digital Graphics & Multimedia Publishing
- Digital Photography
- Gaming Analysis and Design
- HTML & Web Page Design
- Journalism
- Video/Film Arts 1
- Video/Film Arts 2
- Yearbook

### Engineering
- Engineering 1: Design
- Green Engineering
- Robotics Engineering

### Math
- Algebra 1A
- Algebra 1B
- Algebra 1
- Algebra 2
- Analysis and Trigonometry
- AP Calculus AB
- AP Calculus BC
- Calculus
- AP Statistics
- Geometry
- Honors Algebra 2 (Frosh)
- Honors Algebra 2
- Honors Geometry
- Honors Pre-Calculus
- Math Modeling
- Pre-Calculus

## COURSES REPEATABLE FOR CREDIT

The following courses are repeatable for credit:

### Physical Education
- Dynamic Toning and Shaping
- Strength and Development
- Team Sports for Lifetime Experience
- World Games
- P.E. Teacher's Assistant

### Visual and Performing Arts (VAPA)
- Advanced Art
- AP Studio Art
- Chorus
- Concert Choir
- Concert Dance
- Dance Ensemble
- Dance Ensemble 2
- Drawing & Painting 2
- Honors Chamber Singers
- Honors Choir
- Honors Dance
- Honors Jazz Ensemble
- Honors String Orchestra
- Honors Theatre Arts II
- Honors Wind Ensemble
- Jazz Ensemble
- Symphonic Band
- Theatre Production
- VAPA Teacher’s Assistant (Drama, Music, etc.)

### Special Programs
- Guided Study
- IWE
- Leadership

### Technology and Media Arts (TAMA)
- Graphic Design Work Experience
- Film & Video Arts 2
- Journalism
- Yearbook