Dear Parents and Students,

We anticipate that this course catalog will provide an opportunity for parents to assist their sons and daughters with the planning of next year's classes. To believe in education is to believe in the future and to believe in what may be accomplished through the use of intelligence, hard work, and dedication.

We believe that certain criteria are essential to leading the student toward the recognition of his or her full potential. Planning courses, setting goals, and evaluating one's strengths and weaknesses all contribute to that end. The scheduling process provides students with the freedom to enlarge their worlds, explore and exercise their minds, bring them new and meaningful challenges, pinpoint their field of interest, and allow them to be creative.

We ask you to be serious and plan carefully. Our Guidance Department staff will offer assistance whenever contacted. The counselors available to help you with your course selections are:

- Mrs. Elizabeth Nisby  A-Go
- Mrs. Gina Davenport  Gr-O
- Mrs. Misty Chapman  P-Z
- Mrs. Jennifer Giannini, Scholarship Counselor

Believing in education and believing in the future are tenets basic to St. Mary's High School. Please use careful planning and serious consideration when developing your schedule. Let us, with your help, make your future bright.

Sincerely,

Kathy Smith
Principal

Deus Sit Benedictus

In compliance with federal regulations, Saint Mary's High School, does not discriminate on the basis of sex, race, or national or ethnic origin. In this matter we follow diocesan policy. Diocesan policy on non-discrimination and on procedures to be followed in case there are complaints or grievances in this matter can be found in the Administrative Handbook of the Diocese of Stockton. A copy of this Handbook is available in the school office. The principal coordinates local efforts to assure that our school complies with federal regulations on non-discrimination.
This catalog will assist you in planning for the next year at Saint Mary's High School.

You and your parents together should review the various classes you wish to attend and also should decide on alternate courses. Your selections at this time will affect the schedule of classes for next year, so make selections carefully to ensure the best possible schedule for yourself. In order to encourage students and parents to consider course selection seriously, make the most efficient use of available staff members, and help defer clerical costs, there will be a $30 fee for any schedule changes made due to student/parent preference.

To assist you with planning your schedule, a worksheet is provided on the last page of the catalog.

NOTE: Courses have four digit numbers:
- courses ending in 0 are full year courses.
- courses ending in 1 are offered fall semester only.
- courses ending in 2 are offered spring semester only.
- courses ending in 3 are offered during both semesters.

Table of Contents

General Information
Student Four-Year Plan .......................................................... 1
Graduation Requirements ....................................................... 2

Departments and Course Offerings
Religion .................................................................................... 3
English ..................................................................................... 5
Social Studies .......................................................................... 7
Mathematics ............................................................................. 9
Physical Education ................................................................. 11
Science ..................................................................................... 12
World Languages ..................................................................... 15
Vocational Arts ........................................................................ 18
Fine Arts .................................................................................. 19
Computer Science .................................................................... 22
Student Service/Leadership .................................................... 23
NCAA Clearinghouse Information .......................................... 24
Summer School Information ................................................... 25
### Four-Year Program Chart

The purpose of the chart printed below is to help you plan your four-year schedule.

<table>
<thead>
<tr>
<th><strong>9th Grade</strong></th>
<th><strong>Credits</strong></th>
<th><strong>11th Grade</strong></th>
<th><strong>Credits</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Religious Studies</td>
<td>10</td>
<td>Religious Studies</td>
<td>10</td>
</tr>
<tr>
<td>English</td>
<td>10</td>
<td>English</td>
<td>10</td>
</tr>
<tr>
<td>Math</td>
<td>10</td>
<td>U.S. History</td>
<td>10</td>
</tr>
<tr>
<td>Science</td>
<td>10</td>
<td>Physical Education</td>
<td>5</td>
</tr>
<tr>
<td>Geography</td>
<td>5</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Physical Education /Health</td>
<td>10</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Composition &amp; Speech</td>
<td>5</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Language</td>
<td>10</td>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits  70

<table>
<thead>
<tr>
<th><strong>10th Grade</strong></th>
<th><strong>Credits</strong></th>
<th><strong>12th Grade</strong></th>
<th><strong>Credits</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Religious Studies</td>
<td>10</td>
<td>Religious Studies</td>
<td>10</td>
</tr>
<tr>
<td>English</td>
<td>10</td>
<td>English</td>
<td>10</td>
</tr>
<tr>
<td>Math</td>
<td>10</td>
<td>Government/Economics</td>
<td>10</td>
</tr>
<tr>
<td>Science</td>
<td>10</td>
<td>Visual/Performing Art</td>
<td>10</td>
</tr>
<tr>
<td>World History</td>
<td>10</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>10</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Language</td>
<td>10</td>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits  70

Some classes may not be offered unless there is sufficient enrollment or staffing.
**Graduation Requirements**

In order to graduate from St. Mary's High School, a student must have successfully completed the following:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 years of English</td>
<td>40</td>
</tr>
<tr>
<td>Composition and Speech</td>
<td>5</td>
</tr>
<tr>
<td>4 years of Religious Studies</td>
<td>40</td>
</tr>
<tr>
<td>3 1/2 years of Social Studies</td>
<td></td>
</tr>
<tr>
<td>Geography (9)</td>
<td>5</td>
</tr>
<tr>
<td>World History (10)</td>
<td>10</td>
</tr>
<tr>
<td>United States History (11)</td>
<td>10</td>
</tr>
<tr>
<td>Government (12)</td>
<td>5</td>
</tr>
<tr>
<td>Economics (12)</td>
<td>5</td>
</tr>
<tr>
<td>2 years of Mathematics</td>
<td>20</td>
</tr>
<tr>
<td>2 years of Physical Education</td>
<td>20</td>
</tr>
<tr>
<td>2 years of Science</td>
<td>20</td>
</tr>
<tr>
<td>(Physical Science, Biology)</td>
<td></td>
</tr>
<tr>
<td>1 year World Language</td>
<td>10</td>
</tr>
<tr>
<td>Health Education</td>
<td>5</td>
</tr>
<tr>
<td>Visual/Performing Arts Elective</td>
<td>10</td>
</tr>
<tr>
<td>Additional credits of electives</td>
<td>50</td>
</tr>
<tr>
<td><strong>Total credits required for graduation</strong></td>
<td><strong>255</strong></td>
</tr>
</tbody>
</table>

In your planning for your Junior and Senior years be aware of the following university requirements.

**California State Universities**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (College Prep)</td>
<td>4 yrs.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3 yrs.</td>
</tr>
<tr>
<td>World Hist., US Hist. &amp; Gov't.</td>
<td>2 yrs.</td>
</tr>
<tr>
<td>Lab Science</td>
<td>2 yrs.</td>
</tr>
<tr>
<td>World Languages</td>
<td>2 yrs.</td>
</tr>
<tr>
<td>Visual and Performing Arts</td>
<td>1 yr.</td>
</tr>
<tr>
<td>Electives</td>
<td>1 yr. (selected from English, advanced math, social science, history, lab science, world language, visual and performing arts, and agriculture)</td>
</tr>
</tbody>
</table>

**University of California**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (College Prep)</td>
<td>4 yrs.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3 yrs. (additional recommended)</td>
</tr>
<tr>
<td>World Hist., US Hist. &amp; Gov't.</td>
<td>2 yrs.</td>
</tr>
<tr>
<td>Lab Science</td>
<td>2 yrs. (additional recommended)</td>
</tr>
<tr>
<td>World Languages</td>
<td>2 yrs. (additional recommended)</td>
</tr>
<tr>
<td>Visual and Performing Arts</td>
<td>1 yr.</td>
</tr>
<tr>
<td>Electives</td>
<td>1 yr. (from at least two of the following areas: history, english, adv. math, lab science, world language, social science)</td>
</tr>
</tbody>
</table>

60 hours of community service is required for graduation.
**0110 Revelation of Jesus**
Grade Level: 9
Prerequisite: None
Permission: None

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through the study of the Bible they will encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible with particular attention to the Gospels.

The second semester of this course will introduce the mystery of Jesus Christ, the Second Person of the Blessed Trinity. Students will understand that Jesus is the ultimate Revelation to us from God. In learning about who He is, the students will also learn who He calls them to be.

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**0210 Mission of Jesus**
Grade Level: 10
Prerequisite: None
Permission: None

In the first semester of this course students will learn that God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. They will also be introduced to what it means to be a disciple of Christ.

The second semester of the course will help students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit.

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**0310 Sacraments and Morality**
Grade Level: 11
Prerequisite: None
Permission: None

In the first semester, the course will help students understand that they can encounter Christ today in a full and real way in and through the sacraments, especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

In the second semester, the course will help students understand that it is only through Christ that they can fully live out God's plan for their lives. Students will learn the moral concepts and precepts that govern the lives of Christ's disciples.

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**0443 Social Justice**
Grade Level: 12
Prerequisite: None
Permission: None

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

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**0433 Church History**
Grade Level: 12
Prerequisite: None
Permission: None

The purpose of this course is to supply the students with a general knowledge of the Church's history from apostolic times to the present. Students will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him throughout history, through the Holy Spirit. The students will also come to know that the Church is the living Body of Christ today and, as such, has both divine and human elements. In this course, students will learn about the Church's 2000 year history and about how the Church is led and governed by the successors of the Apostles.
0543 Community Involvement
Grade Level: 11, 12
Semester Course
Prerequisite: None
5 Credits
Permission: This class requires a driver's license, and your own transportation.

Community Involvement is an elective class that takes place off campus during the school day. Typically, students are placed at various feeder schools to assist teachers in their classrooms. Throughout the semester, students will have the opportunity to experience the value of Christian Service and its connection to our mission at St. Mary's High School.
### 1113 Composition and Speech

<table>
<thead>
<tr>
<th>Grade Level: 9</th>
<th>Semester Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: None</td>
<td></td>
</tr>
<tr>
<td>Permission: None</td>
<td></td>
</tr>
</tbody>
</table>

This semester-long course emphasizes the study of syntax, composition, and public speaking. Students will engage in an analytical overview of writing conventions. This course will introduce students to practical applications for writing across the curriculum with a focus on college and career readiness. Public speaking skills will be incorporated throughout the semester, focusing on speech preparation, delivery, and analysis of content.

### 1120 English 9 CP Literature

<table>
<thead>
<tr>
<th>Grade Level: 9</th>
<th>Year Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Placement Test</td>
<td></td>
</tr>
<tr>
<td>Permission: None</td>
<td></td>
</tr>
</tbody>
</table>

This is a basic course in the study of grammar, usage, vocabulary, and composition. As an introduction to literature, all genres will be explored. Students will write various essays including autobiographical incident, reflective, a narrative essay, and original poetry.

### 1110 English 9 Literature (H)

<table>
<thead>
<tr>
<th>Grade Level: 9</th>
<th>Year Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Placement Test</td>
<td></td>
</tr>
<tr>
<td>Permission: None</td>
<td></td>
</tr>
</tbody>
</table>

Freshmen will be recommended for this course based on an above average performance on the eighth grade placement exam. Students will develop skills in expository and narrative writing, as well as critical thinking and literary interpretation. In addition, some emphasis will be placed upon advanced grammar and vocabulary skills. The honors course requires additional readings, writings, and in-depth analysis. This course will have a weighted grade.

### 1130 English 9 CP Composition

<table>
<thead>
<tr>
<th>Grade Level: 9</th>
<th>Year Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Placement Test</td>
<td></td>
</tr>
<tr>
<td>Permission: None</td>
<td></td>
</tr>
</tbody>
</table>

This is a basic course in the study of grammar, usage, and composition, as well as an introduction to literature. Fiction, the drama, and the novel will be explored. Students will learn a basic format for compositions of the reflective, narrative, and autobiographical nature as well as have basic grammar and usage skills reinforced. Emphasis will be placed on effective communication through composition.

### 1210 English 10 World Literature (H)

<table>
<thead>
<tr>
<th>Grade Level: 10</th>
<th>Year Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: B or better in English 9H, A in English 9 CP (A- is not acceptable).</td>
<td></td>
</tr>
<tr>
<td>Permission: Teacher Recommendation</td>
<td></td>
</tr>
</tbody>
</table>

Students in this pre-AP class will be introduced to literature spanning several regions throughout the world, including but not limited to: Greece, Japan, China, Latin America, and Western Europe. The curriculum addresses the genres of literature-plays, novel, short story, poetry - with a two-fold focus on reading comprehension and analytical writing. Students will facilitate their successful transition to AP English by identifying and analyzing the supportive impact symbolism, diction, and literary devices have on any given text. This course will have a weighted grade.

### 1220 English 10 CP World Literature

<table>
<thead>
<tr>
<th>Grade Level: 10</th>
<th>Year Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Completion of English 9 CP</td>
<td></td>
</tr>
<tr>
<td>Permission: None</td>
<td></td>
</tr>
</tbody>
</table>

In this course on world literature, students will read and analyze novels, short stories, and plays from various cultures around the world. This course will include (but is not limited to) such literary works as *Night, Oedipus Rex,* and *Much Ado About Nothing,* Students will study basic grammar and vocabulary, as well as different genres of writing, including, but not limited to, persuasion, reflection, and literary analysis. The career I-Search paper is a requirement.
1310 English (AP) Language and Composition*†
Grade Level: 11
Prerequisite: B or better in English 10H (B- is not acceptable) or an A in English 10 CP (A- is not acceptable).
Permission: Teacher Recommendation
The students will study the development of American Literature from the Puritan era to the Twentieth Century. All literary genres will be explored. Specifically informational texts. In-depth analysis through discussion and an AP writing program will be integral parts of the class. This course also includes a significant writing component where various writing styles will be assessed and implemented. Students will prepare for the Advanced Placement Examination in English Language and Composition. Summer course work will be assigned and required.

1320 English 11 CP American Literature
Grade Level: 11
Prerequisite: Completion of English 10
Permission: None
The students will study the development of American Literature from Puritan times to the twentieth century. All literary genres will be covered with emphasis on the American classics, such as The Crucible, The Grapes of Wrath, In Our Time, and The Great Gatsby. In their quarterly essays, students will practice various essay types, including literary analysis and college application essay preparation. Vocabulary and testing will help prepare students for the PSAT and SAT tests.

1410 English (AP) Literature and Composition*†
Grade Level: 12
Prerequisite: B or better in English 11AP (B- is not acceptable) or A in English 11 CP (A- is not acceptable)
Permission: Teacher Recommendation
This Advanced Placement course will include the rigorous study of various types of literature, with an emphasis on British literature encompassing the major periods of the English language. Some of the authors that will be read include the following: Shakespeare, Camus, Conrad, Ellison, Wordsworth, Keats as well as many of the more influential poets. A significant emphasis will also be placed on analytical writing. Research is a necessary component of this course. The various reading and writing assignments will serve, in aggregate, to prepare students for the AP Literature and Composition exam. Summer course work will be assigned and required.

1420 English 12 CP English Literature
Grade Level: 12
Prerequisite: Completion of English 11
Permission: None
In this course on British Literature, students will survey the development of English Literature from Beowulf, Shakespeare’s Macbeth, Mary Shelley’s Frankenstein, and 1984. Class discussion and writing skills will be emphasized. A major Literary Analysis research paper is required, as well as various types of quarterly essays.

1610 Practicum in Journalism
Grade Level: 10, 11, 12
Prerequisite: None
Permission: Instructor's Permission
This course is designed to teach the basics of journalism through working on the St. Mary’s newspaper, The Kettle. Students will learn how to run a working publication. Skills taught include news, sports, and feature writing, layout, photography and advertising, in addition to current topics in the field of journalism today. This class meets after school.
2153 Geography  
Grade Level: 9  
Semester Course  
Prerequisite: None  
5 Credits  
Permission: None  
UC, CSU, NCAA  

This one semester course is a survey of geography with an emphasis on human geography and the human experience. Students will learn about diverse regions throughout the world and how the environment and geographic location affect the people and the lands they inhabit. This course incorporates the National Geography Standards into daily learning activities.

2220 World History (AP)*†  
Grade Level: 10  
Year Course  
Prerequisite: A- or better in Geography and  
10 Credits  
a 3.0 cumulative GPA or better.  
UC, CSU, NCAA  
Permission: Recommendation of Geography teacher  

This course is an analytical approach to World History and it is structured around the investigation of five course themes in six different chronological periods, from approximately 1200 A.D. to the present. These concepts include interaction between humans and the environment, the development of cultures through expansion as well as conflict among nations. The course will prepare students for the national A.P. World History exam. Success on the A.P. exam may lead to college credit. This course requires some summer homework.

2250 Modern World History  
Grade Level: 10  
Year Course  
Prerequisite: None  
10 Credits  
Permission: None  
UC, CSU, NCAA  

Students will examine major turning points in the shaping of the modern world, from the late sixteenth century to the present. The students are introduced to western development, nationalism, current world issues, and the growing interdependence of people and cultures throughout the world.

2310 U.S. History (AP)*†  
Grade Level: 11  
Year Course  
Prerequisite: B+ or better in English 10 CP  
or C+ or better in English 10H and A- or better in  
Modern World History or C+ or better in AP World History  
10 Credits  
Permission: Course Instructor  

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with problems and themes in American History. Students will study themes and assess interpretations through analysis of historical evidence, lecture, and discussion. Essay writing will be stressed as a primary means for historical expression. Students will work extensively with primary sources. Students will be assigned and required to complete extensive summer coursework. Students will be properly prepared for and encouraged to take the Advanced Placement Examination in United States History.

2320 20th Century U.S. History  
Grade Level: 11  
Year Course  
Prerequisite: None  
10 Credits  
Permission: None  
UC, CSU, NCAA  

After a brief review of early U.S. History, students examine major turning points in American History in the twentieth century and beyond. The following themes are emphasized: the expanding role of the federal government and federal courts, the continuing tension between the individual and the state and between minority rights and majority power, the emergence of a modern corporate economy, the impact of technology on American society, the movement towards equal rights for racial minorities and women, and the role of the United States as a major world power.

2453 U.S. Government  
Grade Level: 12  
Semester Course  
Prerequisite: None  
5 Credits  
Permission: None  
UC, CSU, NCAA  

This course concentrates on the political and constitutional organization of the United States. Major units include Congress, the Presidency, the Judiciary, linkage institutions, civil liberties, and foundations of and participation in government. A secondary goal of this course is to help students discover their own political orientation and inspire them to act upon their philosophy.

*This course is approved by the University of California for a weighted grade.  
†The College Board has revised the testing fee protocol associated with each AP exam. The deadline to register for an exam has been moved up to November 1. FACTS accounts will be billed a $94.00 fee upon registering for an exam. Students who decide to cancel their exam will be charged a cancellation fee. No exceptions. Fees and dates are subject to change.
2410 U.S. Government (AP)*†
Grade Level: 12 Year Course
Prerequisite: C+ or better in AP US History or A- or better in 20th Century US History and A- or better in 11CP American Lit or B- or better in AP English 11

This course is designed to provide students with a foundation in the political and constitutional organization of the United States. Major units include all areas covered in United States Government plus a concentrated unit of Economics. Students at the conclusion of the course will be prepared to take the Advanced Placement Examination in United States Government. The course may require summer course work.

2463 Introduction to Economics
Grade Level: 12 Semester Course
Prerequisite: None 5 Credits
Permission: None UC, CSU, NCAA

This survey course introduces and analyzes the economic principles and questions specifically arising from the American free enterprise system, emphasizing an examination of micro and macro economic concepts and data. Economic systems are compared, and international economic concepts are reviewed.

2513 Psychology
Grade Level: 11, 12 Semester Course
Prerequisite: None 5 Credits
Permission: None UC, CSU, NCAA

This course is designed to foster the student’s understanding of self and others through a study of basic human functions, personality development, learning, stages of cognitive development, abnormal behavior, dream interpretation, and other topics. The class involves some research and experimentation and is designed to give students a complete overview of basic psychology.

2560 Psychology (AP)*†
Grade Level: 11, 12 Year Course
Prerequisite: B in CP English 10 Credits
or C in AP/Honors English and 3.0 cum. GPA 10 Credits
Permission: Course Instructor UC, CSU, NCAA

This course is a comprehensive examination of psychology covering the following topics in depth: biology and behavior, social psychology, learning, motivation and emotion, intelligence, sexuality and gender roles, life development, personality development, abnormal psychology, and therapy. Students in this class will be prepared for the AP Exam in Psychology upon completion of the second semester. A college text is used for this course.

2610 Model United Nations
Grade Level: 10, 11, 12 Year Course
Prerequisite: None 5 Credits
Permission: Course Instructor
Fee: $150

This course prepares its members to participate in simulated United Nations conferences as delegates representing a nation state, and presenting solutions to world problems. Students meet after school.

2533 Introduction to the Administration of Justice
Grade Level: 11, 12 Semester Course
Prerequisite: None 5 Credits
Permission: None NCAA

This course will provide the student with an overview of the various areas of the Criminal Justice system including: introduction to law and the legal system, criminal law, the effects of illicit drugs, and individual rights and liberties.

2623 Introduction to Investing
Grade Level: 10, 11, 12 Spring Semester Course
Prerequisite: None 2.5 Credits
UC, CSU, NCAA Approval Pending

Using a stock market simulation, this course will introduce students to the basics of investing and managing a collection, or portfolio of investments. The course will emphasize a hands-on approach and will cover how to research a stock or fund, how to make a trade and monitor investments, and how to coordinate a portfolio for the long term. Students meet after school.

* This course is approved by the University of California for a weighted grade.
† The College Board has a testing fee protocol associated with each AP exam. The deadline to register for an exam is early November. FACTS accounts will be billed a $94.00 fee upon registering for an exam. Additional fees may be applied for missed deadlines and cancellations. No exceptions. Fees and dates are subject to change.
3010 Algebra 1/Geometry (H)
Grade level: 9  Year Course
Prerequisite: Placement Test  10 Credits
Permission: None  UC, CSU, NCAA

This course will cover Euclidean Geometry and Algebra. Major topics will include:
the real number system and its properties, probability, operations with powers and
roots, factoring, linear equations and their graphs, systems of equations, quadratic
equations, graphing and solving inequalities, angle relationships, congruent and
similar triangles, geometric inequalities, parallel lines and their applications to
quadrilaterals, areas of polygons and circular regions, arcs and angle measures
related to circles, surface area and volume of solids, coordinate geometry and
trigonometry as it applies to geometry. Other topics may be included if time permits.
A TI-84 graphing calculator is required. This course carries a weighted grade.

3120 Algebra 1
Grade Level: 9-12  Year Course
Prerequisite: Placement Test  10 Credits
Permission: Teacher recommendation  UC, CSU, NCAA

This course in Algebra covers the real number system and its properties, probability, operations with powers and roots, factoring, linear equations and their graphs, systems of equations in two unknowns, and quadratic equations. Emphasis is placed on solving word problems and solving equations.

3150 Algebra 1A
Grade Level: 9, 10  Year Course
Prerequisite: Placement Test  10 Credits
Permission: None  UC, CSU, NCAA

This course covers the first semester of Algebra 1 (3120) but at a slower pace. Topics include real number properties, exponents, roots, graphs and equations of lines, systems of equations, word problems, and probability. Following this course, students will move on to Algebra 1B which covers the second semester of Algebra 1.

3160 Algebra 1B
Grade Level: 10, 11  Year Course
Prerequisite: Completion of Algebra 1A  10 Credits
Permission: None  UC, CSU, NCAA

This course covers the second semester of Algebra 1 (3120) but at a slower pace. Topics include working with negative exponents, factoring, solving quadratic equations using factoring, completing the square and the quadratic formula, solving and graphing inequalities, simplifying and solving algebraic fractions, ratios and proportions, percents, and scientific notation. An emphasis is placed on using these skills to solve word problems.

3220 Algebra 2/Trigonometry (H)
Grade level: 10  Year Course
Prerequisite: C- in Geometry and Algebra H  10 Credits
Permission: Teacher Recommendation  UC, CSU, NCAA

This honors course will cover topics from Algebra in greater depth, as well as imaginary numbers, powers, and roots, logarithms, linear and quadratic equations, systems of equations, three unknowns and determinants, a study of functions and graphing analysis, a review of basic techniques and curves and a comprehensive study of trigonometry. A TI-84 graphing calculator is required. This course carries a weighted grade.

3620 Geometry
Grade level: 10, 11, 12  Year Course
Prerequisite: C- in Algebra 1 or C- in Algebra 1B  10 Credits
Permission: None  UC, CSU, NCAA

Students will learn to develop critical thinking skills and to apply geometric theorems to two and three dimensional figures. Students will be exposed to triangles, quadrilaterals, circles, parallel lines, and trigonometry. Construction will be stressed. Algebra is reviewed throughout the course. Because standardized tests such as the PSAT and SAT include many geometry-based items, it is recommended that students take Geometry their Sophomore year.

3630 Algebra 2
Grade Level: 10, 11, 12  Year Course
Prerequisite: C- in Algebra 1 or C- in Algebra 1B  10 Credits
Permission: None  UC, CSU, NCAA

This course covers all the topics of Algebra 1 in greater depth, as well as imaginary numbers, powers, roots, logs, linear and quadratic equations, systems of equations, three unknowns and determinants. It is recommended that students take Geometry prior to Algebra 2 as a better preparation for the PSAT and SAT. A TI-84 graphing calculator is required.

3420 Pre Calculus
Grade Level: 11, 12  Year Course
Prerequisite: B- in Algebra 2, C- in Geometry  10 Credits
Permission: None  UC, CSU, NCAA

This course will give students an indepth study of trigonometric functions, graphing analysis, and function analysis. A TI-84 graphing calculator is required.
3410 Applied Calculus
Grade Level: 11, 12
Year Course
Prerequisite: C in Pre Calculus, C- in Algebra2/Trigonometry H, or an A- in Algebra 2
10 Credits
Permission: Course Instructor
UC, CSU, NCAA

This one semester course will cover topics not usually covered in Algebra 1, Algebra 2 or Geometry, but which are likely to be seen in college. Topics include matrices, finance, probability, combinatorics and modular arithmetic. This course covers the same topics as a college finite math course. A TI-84 graphing calculator is required.

Mathematics Department
4723 Physical Education
Grade Level: 9, 10, 11, 12
Prerequisite: None
Permission: None
Semester Course

This course offers the student the opportunity to develop competencies in the following areas: physical fitness, physical skills, social competence, and knowledge and understanding of team sports and lifetime sports. The student studies and participates in a variety of activities which may include: badminton, basketball, field hockey, flag football, aerobics, pilates, life fitness, soccer, weight lifting & conditioning, softball, volleyball. The students will be tested on rules and regulations for the activities listed above.

4253 Health
Grade Level: 9, 10, 11, 12
Prerequisite: None
Permission: None
Semester Course

This course requires students to explore a variety of topics related to health and first aid. This exploration will take place through in-class assignments, homework, exams, videos, and presentations. The students will gain a greater understanding of what it means to be well.

4620 Cheerleading
Grade Level: 9, 10, 11, 12
Prerequisites: None
Permission: Tryout required
Year Course

Tryouts are held during the spring semester prior to enrollment. It is mandatory for each student who makes the team to attend summer practices and cheer camp during the month of July. Both parent and student will sign a contract stating that the student will attend all outside classtime practices and performances and abide by all the rules. If a student is academically ineligible, he/she may be dropped from the class.

4630 Drill Team
Grade Level: 9, 10, 11, 12
Prerequisite: None
Permission: Tryout Required
Year Course

Drill team is a group that performs for halftimes, for the football, basketball (Boys & Girls), and lacrosse home games. It is mandatory for each student who makes this team to attend all summer practices and Dance camp during the month of July. Both parent and student will sign a contract stating that the student will attend all outside classtime practices and performances as well as abide by the rules. This course does not meet the Visual Performing Arts requirement. If a student is academically ineligible, he/she may be dropped from the class.

4763 Athlete P. E.
Grade Level: 11, 12
Prerequisite: Application must be submitted by the dates publicized, generally one month after the beginning of each semester.
Permission: Vice Principal
Semester Course

Eligibility is restricted to junior and senior students who need PE credits toward graduation, maintain academically challenging schedules, and participate in rigorous competitive programs at the state, national, or international level, or who are involved in intensive after school practice for a St. Mary's sport. Summer athletic participation does not qualify for Athlete P.E.

4883 Drivers Education
Grade Level: 9, 10
Prerequisite: None
Permission: None
Quarter Course

This course is offered "0" period (7:20 a.m.-8:10 a.m.) Monday through Friday for 30 days. Drivers education requirements mandated by the state are met in this course. Sign-ups will be offered quarterly in the athletics office.
5120 Physical Science
Grade Level: 9 Year Course
Prerequisite: Placement in Algebra 1A, and Reading 10 Credits
Placement Test UC, CSU, NCAA

Physical Science covers topics divided approximately evenly between physics and chemistry. Topics include: use and conversions of standard SI units, basic kinematics and Newton's Laws, potential and kinetic energy, characteristic properties of pure substances, chemical and physical changes, and the particle theory of matter. Basic algebraic skills will be needed. A primary goal is the development of laboratory skills through heavy emphasis on experimentation.

5210 Biology (H)
Grade Level: 9, 10 Year Course
Prerequisite: Freshmen: Placement in Geometry/Algebra H or higher.
Sophomores: A- or better in Science 5120
Permission: Recommendation of 5120 or 5110 Teacher for Sophomores.

An accelerated biology course offered to honors level students; Biology Honors covers the same topics as 5220, but in greater depth and at a faster rate. The molecular and cellular approach is emphasized. It is presumed that students will be able to read and understand the text material. Students will write research papers and design and conduct experiments. This course will have a weighted grade.

5220 Biology
Grade Level: 9, 10 Year Course
Prerequisite: Freshmen: Placement in Algebra 1 or higher 10 Credits
Sophomores: C- or better in Physical Science or B- or better in Physical Science B.
Permission: Teacher Recommendation

This is a traditional college-prep biology course which lays the foundation common to the study of biology, the scientific method, ecology, cell structure and function, genetics, and evolutionary theory. The course also concentrates on classification of organisms, moving from the simple to the complex, and their importance to man as a member of an ecological environment. Laboratory investigations and problem solving strategies are an integral part of this course.

Science Department
5230 Biology B
Grade Level: 10 Year Course
Prerequisite: None 10 Credits
Permission: Teacher Recommendation UC, CSU, NCAA

This laboratory science class is designed to introduce students to basic concepts in biology. Ecology, cell structure and function, genetics, evolution, classification, and plant and animal structure will be studied and investigated in a laboratory setting. (Note: Students must pass either 5210, 5220, or 5230 in order to meet graduation requirements.)

5313 Sports Medicine
Grade Level: 10, 11, 12 Semester Course
Prerequisite: B- or better in 5230; C or better in 5220; 5 Credits
C or better in 5510; C or better in 5210 UC, CSU
Permission: None

This course is designed to provide a challenging academic experience for students interested in sports medicine, athletic training, physical therapy, nursing or any other related medical field. Students will be exposed to the following units of study: 1) detailed anatomical and biomechanical study of the major regions of the body; 2) specific medical conditions and injuries in sport; 3) scientific principles and techniques of injury evaluation, treatment, rehabilitation, and prevention.

5510 Biology (AP)*†
Grade Level: 11, 12 Year Course
Prerequisite: A in Biology 5220 or B or better in Biology H 5210. Students must have achieved B or better in Chemistry 5580 or 5550 or concurrent enrollment in 5580/5550. 10 Credits
Permission: Recommendation by the Biology or Chemistry teacher

This second year biology course is designed to be the equivalent of an introductory college biology course, taken by the freshmen students majoring in biology. The AP Biology course covers the following topics: molecules and cells, heredity and evolution, organisms and population ecology. The textbook used is a college-level biology text and the labs done are equivalent to those performed by college students. Students will be required to spend two (2) additional hours per week for laboratory work.

5630 Anatomy & Physiology
Grade Level: 11, 12 Year Course
Prerequisites: B- or better in 5230; C or better in 5220; C or better in 5510; C or better in 5210 10 Credits
Permission: Biology Instructor UC, CSU, NCAA

This course provides students with advanced studies and activities in the structures and functions of the components of the human body. The content includes the chemical basis of life, cells and cellular metabolism, tissues, the skin and integumentary system, the skeletal system, the muscular system, the nervous system, special sensory organs, the endocrine system, blood and the circulatory system, the respiratory system, the lymphatic system and immunity, the digestive system, and nutrition, the excretory (urinary) system with emphasis on homeostasis, the reproductive system, and pregnancy, growth and development. Laboratory investigations and problem solving strategies are an integral part of the course as well as mastery of anatomical terminology.

5550 Chemistry H*
Grade Level: 11, 12 Year Course
Prerequisites: A- or better in all semesters of mathematics as well as completion or concurrent enrollment in Algebra 2; B- in Algebra1/Geometry (H) and A- in each previous semester of science (B- or better in Honors). 10 Credits
Permission: Recommendation by the Biology or Chemistry teacher

Chemistry H is intended to prepare students to succeed in AP Chemistry. This is an accelerated, comprehensive course of study in chemical concepts, with emphasis on chemical models and theories. An up-graded laboratory program has been put in place to better match the new AP Chemistry Learning Objectives, as enunciated by the College Board. Students will encounter a wider range of concepts, and at a higher level than is found in the core college-prep class. Topics will be expanded to involve oxidation and reduction, acid-base chemistry and pH, and chemical equilibrium. The laboratory program will emphasize the use of technology. Students must be able and willing to acquire most of the basics of reading text on their own. There will be little other homework, but most class meetings will involve either desk or laboratory activities that apply the material being covered.

* This course is approved by the University of California for a weighted grade.
† The College Board has a testing fee protocol associated with each AP exam. The deadline to register for an exam is early November. FACTS accounts will be billed a $94.00 fee upon registering for an exam. Additional fees may be applied for missed deadlines and cancellations. No exceptions. Fees and dates are subject to change.
5570 Chemistry (AP)*†
Grade Level: 11, 12 Year Course
Prerequisite: Chemistry H 5550 with B+
or, or Chemistry 5580 with an A. 10 Credits
or better, or Chemistry 5580 with an A.
UC, CSU, NCAA

This is a college-level course, taught from a college text, at college pace. It is expected that all those who achieve a grade of B or better will sit for the College Board Advanced Placement Chemistry examination at the end of the school year. There must be a minimum number of students enrolled for this class to be offered. This class will meet during the normal school day, as well as at least one morning per week, 7-8:00 a.m.

5580 Chemistry
Grade Level: 11, 12 Year Course
Prerequisites: B- or better in all semesters of
science and mathematics including Algebra 1 10 Credits
and Geometry (C- if Honors) and completion or concurrent
enrollment in Algebra 2. UC, CSU, NCAA
Permission: Biology Instructor

A traditional college-prep chemistry course, Chem 5580 follows a standard problem-solving approach and provides a full laboratory experience. Chem 5580 is intended for students who plan to enter a science-related field, and/or who have a solid background in mathematics.

5590 Chemistry in the Community
Grade Level: 11, 12 Year Course
Prerequisites: C- or better in all semesters of mathematics, 10 Credits
including Algebra 1 and Geometry,
C- or better in each previous semester of science.

UC, CSU, NCAA

This chemistry course follows a conceptual problem-solving approach. Chem Com is not recommended for students who intend a science-related major. ChemCom satisfies the UC lab science requirement.

5560 Physics
Grade Level: 11, 12 Year Course
Prerequisite: Algebra 1 and Geometry with grade of C- or better 10 Credits
UC, CSU, NCAA

Physics is an algebra-based, introductory physics course. This course places an emphasis on understanding and application. Although mathematics is reduced, the student should have a strong understanding of Algebra. This course is designed to fit the needs of those college bound students who want a background in Physics, but who do not intend to major in a STEM related field. Topics include Newtonian mechanics, work and energy, fluids, heat, electricity and magnetism, waves, sound, and light.

5530 Physics 1 (AP)*†
Grade Level: 11, 12 Year Course
Prerequisites: Concurrent enrollment in Pre-Calculus with a B- or better in prior math classes OR 10 Credits
concurrent enrollment in Algebra 2 with a B+ or better
in prior math classes. UC, CSU, NCAA

AP Physics is an algebra-based, introductory college-level physics course. Topics include Newtonian mechanics, work, energy, mechanical waves, sound, and introductory simple circuits, with an emphasis on inquiry-based labs and evidence-based reasoning. This course will prepare students for the AP Physics 1 exam.

*This class is approved by the University of California for a weighted grade.
†The College Board has a testing fee protocol associated with each AP exam. The deadline to register for an exam is early November. FACTS accounts will be billed a $94.00 fee upon registering for an exam. Additional fees may be applied for missed deadlines and cancellations. No exceptions. Fees and dates are subject to change.
6210 Italian 1  
Grade Level: 9, 10, 11, 12  
Prerequisite: Placement Test or C in CP English  
Permission: None  
Year Course  
Prerequisite: B or better in Italian 3  
Permission: None  
10 Credits  
UC, CSU, NCAA

The objectives of the course are: 1) proper pronunciation, articulation, and ease of expression; 2) teaching of simple conversation and mastery of basic vocabulary and structural principles; 3) introduction to cultural aspects of Italian people; 4) development of reading skills by reading from the text and other supplementary selections chosen by the instructor; 5) writing translation of simple statements from English to Italian; 6) translation of simple Italian into English.

6220 Italian 2  
Grade Level: 10, 11, 12  
Prerequisite: C- or better in Italian 1  
Permission: None  
Year Course  
Prerequisite: C+ or better in Italian 2  
Permission: None  
10 Credits  
UC, CSU, NCAA

The objectives of the course are: 1) to increase the ability to understand and communicate orally in the language within the range of students' experience; 2) to be able to read with considerable degree of accuracy short passages and newspaper and magazine articles of a non-technical nature; 3) to study basic Italian grammar not covered in Italian 1. This course must be taken in the year immediately following Italian 1.

6230 Italian 3  
Grade Level: 11, 12  
Prerequisite: C+ or better in Italian 2  
Permission: None  
Year Course  
Prerequisite: C+ or better in Italian 2  
Permission: None  
10 Credits  
UC, CSU, NCAA

The objectives of the course are: 1) further development of the oral skills of the language through a discussion of the literature being read; 2) the acquisition of a wider reading vocabulary; 3) the development of deeper insights into Italian culture and history through a broad survey of Italian writings, short stories, articles, etc.

6240 Italian 4  
Grade Level: 12  
Prerequisite: B or better in Italian 3  
Permission: None  
Year Course  
Prerequisite: B or better in Italian 3  
Permission: None  
10 Credits  
UC, CSU, NCAA

The objectives of the course are: 1) to further develop skills in the language by an intensive review of grammar; 2) to further develop oral skill in the language; 3) to acquire a wider reading vocabulary; 4) to develop a deeper appreciation of Italian culture.
6310 Spanish 1
Grade Level: 9, 10, 11, 12 Year Course
Prerequisite: Placement Test or C in CP English 10 Credits
Permission: None UC, CSU, NCAA

This class develops language skills of listening, reading, writing, and speaking. Emphasis is on teaching through linguistic patterns. A modified audio-lingual approach is used. Grammar is taught functionally. Specific objectives are: 1) to teach the student to use the Spanish language correctly in every day situations commensurate with his/her maturity and interest; 2) to develop an insight into Hispanic culture as expressed in the language.

6320 Spanish 2
Grade Level: 9**, 10, 11, 12 Year Course
**Freshmen passing the challenge exam 10 Credits
Prerequisite: C- or better in Spanish 1 UC, CSU, NCAA
Permission: None

Sequential development based on Spanish 1 continues. More emphasis is placed on verbal and written expression. Specific objectives are: 1) to develop further the ability to comprehend and speak Spanish with a fluency within the scope of the student's vocabulary and maturity; 2) to introduce the new grammatical patterns of level II; 3) to continue the study and appreciation of Hispanic Civilization. This course must be taken in the year immediately following Spanish 1.

6350 Spanish 2 H
Grade Level: 9, 10, 11, 12 Year Course
Prerequisite: B+ (87%) or better in Spanish 1 10 Credits
Permission: None UC, CSU, NCAA

Spanish 2 Honors teaches the same skills as the Spanish 2 course but in greater depth and at a faster pace. Extension activities that reinforce and enhance learned material will differentiate this course as an Honors course. Students are prepared so they will be eligible for placement in Spanish 3 Honors, and ultimately Advanced Placement Spanish. This course will have a weighted grade.

6330 Spanish 3
Grade Level: 11, 12 Year Course
Prerequisite: C+ in Spanish 2; C-in Spanish 2H 10 Credits
Permission: None UC, CSU, NCAA

The aims of the course are: 1) to develop the skills of reading and speaking through the use of original oral presentations, both individual and group; 2) to enrich the vocabulary and grammar of the student by analysis of the various meanings and uses of words from the required readings; 3) to develop an ability to express oneself in written Spanish through the mode of original compositions; 4) to further the knowledge of Spanish speaking people and their various cultures; 5) to continue the basics of Spanish grammar and study, in-depth, the troublesome areas; 6) to read and discuss selections from Hispanic literature. Course must be taken immediately following Spanish 2.

6360 Spanish 3 H*
Grade Level: 10, 11, 12 Year Course
Prerequisite: B+ in Spanish 2 H or A- in Spanish 2. 10 Credits
Permission: Spanish 2 or 2H Instructor UC, CSU, NCAA

This course is offered to highly motivated students who want to be challenged with a fast paced curriculum. Grammar and vocabulary will be covered in more depth, as well as familiarity with some grammatical concepts which are not taught in the regular Spanish 3 curriculum. Students will continue to develop their understanding of Spanish speaking cultures by integrating information on literature, art, history, music, and current events into the curriculum. Students will also be working on Pre-AP Spanish skills and activities including reading, writing, listening, and speaking.

*This class is approved by the University of California for a weighted grade.
6340 Spanish 4
Grade Level: 11, 12
Prerequisite: B+ in Spanish 3, C+ or better in Spanish 3H
Permission: None
Year Course
UC, CSU, NCAA

The objectives of the course are: 1) to further develop the students' reading and writing ability; 2) to read and discuss selections from Hispanic literature; 3) to conduct the class in Spanish as much as possible; 4) to achieve greater fluency in speaking and expressing oneself as clearly and accurately as possible in Spanish; 5) to review and to continue the study of Spanish grammar; 6) Students are required to speak Spanish as much as possible. Course must be taken immediately following Spanish 3.

6370 Spanish Language (AP)*†
Grade Level: 11, 12
Prerequisite: B+ in Spanish 3H, A in Spanish 3
Permission: Spanish 3 or 3H Instructor
Year Course
UC, CSU, NCAA

This course is designed to provide students with various opportunities to further improve their proficiency in listening, speaking, reading, and writing Spanish. It is also designed to prepare the students for the AP Spanish Language and Culture Examination. The instructional philosophy of this course includes the integration of the four required language skills that are critical for the successful use of Spanish. The general flow of each week's work is comprised of regular conversation, reading, language analysis, vocabulary acquisition, formal and informal writing, personal and formal presentation, supplemental reading and writing assignments, and tests, all done in the target language. The instructor will use the target language almost exclusively.

6410 American Sign Language 1
Grade Level: 9, 10, 11, 12
Prerequisite: Placement Test or C in CP English
Permission: None
Year Course
UC, CSU, NCAA

This a first year American Sign Language class designed to introduce students to the language of the Deaf as well as their culture and history. Religious signs will also be incorporated into the curriculum.

6420 American Sign Language 2
Grade Level: 10, 11, 12
Prerequisite: C- in ASL 1
Permission: None
Year Course
UC, CSU, NCAA

This second year American Sign Language class is designed to further expand the students' knowledge of the language and culture of the Deaf as well as religious signs. Grammar and maintaining the flow of conversation will be emphasized. As much of the class as possible will be conducted in ASL.

6430 American Sign Language 3
Grade Level: 11, 12
Prerequisite: C+ in ASL 2
Permission: None
Year Course
UC, CSU, NCAA

This third year class will further develop the students' expressive and receptive signing skills. An emphasis is placed on body movement and facial expressions in story telling. Students will study Deaf culture through readings and socializing with the deaf. Signing as much as possible is required. Religious signs are incorporated into the curriculum.

6440 American Sign Language 4
Grade Level: 12
Prerequisite: B- in ASL 3
Permission: None
Year Course
UC, CSU, NCAA

This fourth year class will continue to develop conversational sign language skills and introduce ASL idioms. Famous members of the Deaf community and Deaf culture is emphasized. Religious signs are incorporated into the curriculum.

6500 Portuguese 1
Grade Level: 9, 10, 11, 12
Prerequisite: Placement Test or C in CP English
Permission: None
Year Course
UC, CSU, NCAA Approval pending

Portuguese 1 is a college-prep course for students who wish to begin the study of Portuguese as a World Language. It is designed to teach this globally-used language and the vibrant cultures of the Lusophone world. This first-year course emphasizes communication, basic grammar and syntax, as well as vocabulary through multimodal instruction, practice, and reinforcement of the target language.

* This class is approved by the University of California for a weighted grade.
† The College Board has a testing fee protocol associated with each AP exam. The deadline to register for an exam is early November. FACTS accounts will be billed a $94.00 fee upon registering for an exam. Additional fees may be applied for missed deadlines and cancellations. No exceptions. Fees and dates are subject to change.
7801 Foods and Nutrition 1
Grade Level: 9, 10, 11, 12 Fall Semester
Prerequisite: None 5 Credits
Permission: None

This course deals with planning, preparing, and serving foods cooked in class. Areas of study include: nutrition, breakfast, lunch, and dinner meals, desserts and holiday cooking. The study of safety and sanitation procedures relating to food preparation will also be included. Foods and Nutrition courses can be taken in any order.

7802 Foods and Nutrition 2
Grade Level: 9, 10, 11, 12 Spring Semester
Prerequisite: None 5 Credits
Permission: None

This course deals with planning, preparing, and serving foods cooked in class. Areas of study include: meal planning, appetizers, soups, salads, foreign food, and nutrition - explicitly the study of eating disorders. The study of safety and sanitation procedures relating to food preparation will also be included. Foods and Nutrition courses can be taken in any order.

7833 Life Skills
Grade Level: 9, 10, 11, 12 Semester Course
Prerequisite: None 5 Credits
Permission: None

This course is designed for students interested in learning to live independently. Areas of study include: money management, writing of resumes, job interviewing, health care, personal growth, preparation of taxes, clothing care, college readiness, and cooking of simple meals. The study of safety and sanitation procedures relating to food preparation will also be included.
Students will study the art elements of line, shape, form, value, color, space and texture and their use according to the principles of design. The class will include drawing and the use of tempera, inks, pastels, watercolor, colored pencil, color theory, and art history.

This course is intended for the serious art student who is self-motivated and who wants to further explore the various media of art, such as drawing, painting, sculpture, and printmaking. Attendance at art exhibitions, and weekly sketchbook drawings are required. Exploring career opportunities in art is also included.

Using two and three dimensional exploration in contemporary and folk art, students will be given the opportunity to experiment in a variety of mediums. Activities will include ceramics, painting, printmaking, and papier mache.

Drum line is an exciting ensemble, made up exclusively of percussion instruments and brings life to our campus. Drum line performs in the hallways on game days, and at rallies, and leads the football team onto the field. Marching in parades and performing at many SM events is also included. Members participate in the "Percussion Ensemble," playing classical and contemporary percussion repertoire, performing at the winter and spring concerts. This class meets "0 period." Monday-Wednesday, Friday (7:10-8:00 a.m.)

* This class is approved by the University of California for a weighted grade.
† The College Board has a testing fee protocol associated with each AP exam. The deadline to register for an exam is early November. FACTS accounts will be billed a $94.00 fee upon registering for an exam. Additional fees may be applied for missed deadlines and cancellations. No exceptions. Fees and dates are subject to change.
8530  Symphonic Band
Grade Level:  9, 10, 11, 12
Prerequisite:  2.0 GPA and academically eligible
Permission: None

This is a performance class covering traditional to contemporary band literature. Music theory, advanced playing techniques, interpretation of musical symbols, and composers and their works will be studied. Students are required to participate in performances both on and off campus, during and after school hours. Students are expected to supply their own instrument unless special arrangements are made with the instructor. Students enrolling in Band must attend the Summer Band Camp before the start of the school year.

8560  Concert Choir
Grade Level:  9, 10, 11, 12
Prerequisite:  2.0 GPA and academically eligible
Permission: None

This mixed choir performs works from all periods, sacred and secular. All choirs will study vocal technique, sight reading, theory and music history. No experience necessary. Choirs will perform at school liturgies, school events, plus other performances and festivals. There is a concert attire requirement for all groups.

8570 Prima Vocé Choir
Grade Level: 10, 11, 12
Prerequisite:  2.0 GPA and academically eligible
Permission: Instructor - Audition Required

This is an advanced women's choir performing works from all periods, sacred and secular. All choirs will study vocal technique, sight reading, theory and music history. Choirs will perform at school liturgies, school and community events, plus other performances and festivals. There is a concert attire requirement for all groups.

8720 Canti Fermi (Advanced Choir)
Grade Level: 10, 11, 12
Prerequisite:  2.0 GPA and academically eligible
Permission: Instructor - Audition Required

Canti Fermi is a year-long, advanced ensemble, open to students of both genders by audition. Students will continue to develop vocal technique and musicianship, develop critical thinking skills through the analysis of musical elements, and will study advanced music theory, including arranging and conducting. Students will be expected to perform at a number of after-school performances each semester.
**8310 Drama Theory and Performance**
Grade Level: 9, 10, 11, 12
Prerequisite: None
Permission: None

This course utilizes pantomime, improvisation, and script study to enhance creative expression, confidence, and team work. It is also useful preparation for public speaking, politics, law, business, and any profession where self expression and communication are important. Students are exposed to theatre terms and elements of production including writing, staging, costuming, etc. Every student will regularly perform in class. Good attendance and participation are essential.

**8353 Drama Special Studies**
Grade Level: 9, 10, 11, 12
Prerequisite: By Audition
Permission: Instructor

This course is specifically designed for instruction, research, production, scene studies, etc. outside of the classroom. In order to meet state requirements time-wise for proper transcript credit, the student will be required to do field work on the high school's fall or spring plays. A contract must be signed guaranteeing attendance at all scheduled rehearsals and performances. Failure to do so will be reflected in the grade for the period. Course can be repeated.

**8340 Advanced Drama Workshop**
Grade Level: 10, 11, 12
Prerequisite: Audition or Teacher Approval

This course is designed as a guide to developing the student as actor and theatre artist. It meets student needs in the following areas: Theories of acting, directing, play production, musical theater, competitions, auditions, and advanced acting techniques. Specific course work will be determined by the experience and ability level of the student. All students will analyze various scripts, perform scenes and monologues in class, participate to their full ability in class activities, and provide written work (such as in-depth character analysis, script analysis, and play reviews). Attention will also be given to preparing students with auditions for college Theatre programs and scholarships.

**8710 Broadcasting 1**
Grade Level: 10, 11, 12
Prerequisite: None
Permission: None

This course is an introduction to the field of broadcasting. Students will be trained in various aspects of the video medium including the art of newscast and sportscast. Students will also learn to shoot and edit video, and work on post-production techniques. Students will be actively involved in the operation of the school's internet TV outlet smramstv.com. Students will be required to be involved in video productions that take place outside of the regular school day. Students will watch and critique films in Broadcasting history.

**8810 Publication Design**
Grade Level: 10, 11, 12
Prerequisite: B- or better in English
Permission: Instructor Approval

This course is for students who are interested in the principles of graphic design for publication media. Students will explore two-dimensional real-world applications of design. Students will gain a working knowledge of page layout, photography and desktop publishing to produce the yearbook. Students will also be involved in advertisement sales, deadline production and computer skills. Students will be selected by the Publication Design instructor.
9653 Computer Graphics
Grade Level: 9, 10, 11, 12
Prerequisite: None
Permission: None

This course is an introduction to digital graphic arts for the beginner. Students will utilize raster and vector based graphics software such as GIMP and Google Drive to learn paint and draw skills, and to artistically manipulate and enhance photographs, while exploring a wide range of tools. No textbook is required. This course satisfies the Computer Science graduation requirement.

9633 Video Production 1: Digital Multimedia
Grade Level: 9, 10, 11, 12
Prerequisite: None
Permission: None

This course explores the creation of digital films with contemporary computer technology. Students will utilize standard movie production techniques such as storyboarding, camera shot composition, and scripting to guide the creative process. Various computer technologies and software applications will be utilized to craft multimedia elements such as graphics, photographs, digital video, and music into short digital film productions. No textbook is required. This class satisfies the Computer Science graduation requirement.

3701 Exploring Computer Science
Grade Level: 10, 11, 12
Prerequisite: None

This course will cover computer literacy concepts such as file management and a basic understanding of standard software (Microsoft Word, Excel, PowerPoint, Google Sheets, Slides, etc.), as well as an overview of computer science concepts, including the Internet, Big Data and cybersecurity, algorithms using JavaScript, and the global impact of computer science.

3702 Intro to Computer Programming
Grade Level: 10, 11, 12
Prerequisite: C- or better in Algebra 1

This course will introduce students to the foundational concepts of programming and app building using Python. With a heavy focus on creativity and problem-solving, students will develop "future proof" computational thinking skills that prepare them to become efficient creators of digital technology. Over the course of the semester, students will develop an interactive, text-based game.
9993 Teacher Assistant
Grade Level: 11, 12 Semester Course
Prerequisite: None 2.5 Credits
Permission: Assigning Faculty Member

Students are assigned to departments that give a student practical experience and perform a service for the school.

9980 Student Government
Grade Level: 9, 10, 11, 12 Year Course
Prerequisite: Student Council Elected Officer 5 Credits
Permission: None UC, CSU

This class is designed to teach leadership skills and governmental structure which ultimately enhances school pride, spirit and culture as well as the student's individual knowledge of working government. The class will focus on public speaking, written communication, service learning, presentation skills, community service, government hierarchy, procedures and elections, personal and social development, goal setting, group dynamics, business marketing, finance accounting, and advertising while positively impacting the entire student body. This class uses P/F grading and meets before school.

9990 Student Leadership
Grade Level: 10, 11, 12 Year Course
Prerequisite: None 10 Credits
Permission: None

Leadership is a project-based course aimed at increasing students' leadership capabilities. Through the planning and execution of numerous events for the school, students will discover how best to effect change in their communities. Students will read about the nature of leadership and its different styles. Additionally, students will write critically, reflectively, persuasively and speak about real world issues that arise from the planning of events. They will incorporate their knowledge of budget, timelines and communication to plan and evaluate school-wide and community events.
NCAA Initial Eligibility Clearinghouse Information

General Information: NCAA Initial Eligibility Clearinghouse courses are those core courses approved by the National Collegiate Athletic Association. Any prospective student athlete at a Division I or II school, whether walk-on or scholarship, must meet the following requirements for freshmen collegiate eligibility:

1.) Successful completion of 32 semester or 16 year long NCAA approved core courses.
   - At least 4 years of English, 3 years of Math (Including Algebra 1 and Geometry), 2 years of Science, 2 years of Social Studies, 1 additional year of Math, Science, or English and 4 years of additional core courses.

2.) Meet minimum SAT (Verbal & Math only) or ACT test requirements on a sliding scale according to NCAA Core GPA
   - e.g. 2.3 Core GPA requires a 980 SAT (Verbal and Math only) or an ACT sum score of 75 while a 2.5 Core GPA requires an 900 SAT (Verbal and Math only) or an ACT sum score of 68. For Division II a qualifying score of 920 (Verbal & Math) or an ACT sum score of 70 is the minimum requirement.

The following courses are NCAA approved as core courses:

Approved Courses:

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>LANGUAGE</th>
<th>MATHEMATICS</th>
<th>SOCIAL STUDIES</th>
<th>SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 9 CP Comp.</td>
<td>Italian 1, 2, 3, 4</td>
<td>Geometry</td>
<td>Geography</td>
<td>Physical Science B</td>
</tr>
<tr>
<td>English 9 CP Lit.</td>
<td>Spanish 1, 2, 3, 4</td>
<td>Algebra 2</td>
<td>Modern World History</td>
<td>Physical Science</td>
</tr>
<tr>
<td>English 9 Honors</td>
<td>ASL 1, 2, 3, 4</td>
<td>Pre-Calculus</td>
<td>20th Century US History</td>
<td>Physical Science (H)</td>
</tr>
<tr>
<td>English 10 CP Lit.</td>
<td>Spanish 2 H</td>
<td>Calculus AP</td>
<td>US History AP</td>
<td>Biology B</td>
</tr>
<tr>
<td>English 10 Honors</td>
<td>Spanish 3 H</td>
<td>College Math</td>
<td>US Government</td>
<td>Biology</td>
</tr>
<tr>
<td>English 11 CP Amer. Lit.</td>
<td>AP Spanish (Lang. &amp; Culture)</td>
<td>Statistics</td>
<td>US Government AP</td>
<td>Biology H</td>
</tr>
<tr>
<td>English 12 CP Eng. Lit</td>
<td></td>
<td>Applied Calculus</td>
<td>Intro. to Admin. of Justice</td>
<td>Biology AP</td>
</tr>
<tr>
<td>English AP (Lang. &amp; Comp.)</td>
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<td>Statistics AP</td>
<td>Intro. to Economics</td>
<td>Chemistry in Community</td>
</tr>
<tr>
<td>English AP (Lit. &amp; Comp.)</td>
<td></td>
<td>Algebra 1A</td>
<td>Psychology</td>
<td>Chemistry</td>
</tr>
<tr>
<td>Composition and Speech</td>
<td></td>
<td>Algebra 1</td>
<td>Psychology AP</td>
<td>Chemistry Honors</td>
</tr>
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<td></td>
<td></td>
<td>Algebra 1B</td>
<td>World History AP</td>
<td>Chemistry AP</td>
</tr>
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<td></td>
<td></td>
<td>Geometry/Algebra H</td>
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<td>Physics</td>
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<td></td>
<td>Algebra 2/Trigonometry H</td>
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<td>Anatomy &amp; Physiology</td>
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<td></td>
<td></td>
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<td></td>
<td>AP Physics 1</td>
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</tbody>
</table>

NOTE:
The requirements detailed on this page are the NCAA minimum. Many requirements listed on this page are exceeded by university requirements and/or the graduation requirements of St. Mary’s High School.
Summer School 2020

Dates:
1st semester: Monday, June 1, 2020 to Friday, June 19, 2020
2nd semester: Monday, June 22, 2020 to Friday, July 10, 2020
Cost: $300 per semester (Textbook extra)

Time: 8:00 a.m. - 12:00 p.m.

Contact Person: kgillespie@saintmaryshighschool.org

Attendance: Students wishing to earn academic credit may not have more than 6 hours of absence from class per semester for any reason. Any more than this and the student will be dropped from the class with no credit given, and no refunds. There are no excused absences or tardies.

Dress: The dress code will be St. Mary's uniform. No flip-flops. No jeans. No athletic shorts. SMH T-shirts with sleeves are OK.

Registration: Begins April 23rd and ends May 29th. Students will be accepted based upon their payment of the non-refundable $100 deposit per session.

2020 Summer School Proposed Classes (Some classes may not be offered due to insufficient enrollment or staffing.)

Algebra 1: This class covers basic operations of the real number system and its properties, polynomial algebra, factoring, and graphing. Emphasis is placed on solving equations.

Geometry: Topics covered in this class include theorems used on two dimensional figures, with emphasis on triangles, quadrilaterals, and circles.

Algebra 2: This class covers all the topics of Algebra 1 in greater depth. Also covered are the real and imaginary number systems, logs, determinants and other advanced college prep subjects. A TI-84 Plus graphing calculator is required. (TBA)

Survey of Writing: This writing intensive class is designed to improve both reading and writing skills as well as vocabulary development. The course is a survey of all major genres of literature and writing. It can be used to replace any semester or year of English classes.

Physical Education: This class will have an emphasis on personal fitness and individual sports. It will also include weight training and nutrition.

Health: The Health Education, Standard First Aid, and Personal Safety requirements mandated by the state are met in this class.
# Schedule Worksheet

*(Be sure to enter 4 alternate classes for your electives.)*

## One Semester

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
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<tbody>
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</tr>
<tr>
<td>2</td>
<td>Place Your English Class Here</td>
</tr>
<tr>
<td>3</td>
<td>Place Your Social Studies Class Here</td>
</tr>
<tr>
<td>4</td>
<td>Place Your Math Class - or - Elective Here</td>
</tr>
<tr>
<td>5</td>
<td>Place Your Physical Education Class - or - Elective Here</td>
</tr>
<tr>
<td>6</td>
<td>Place Your Science Class - or - Elective Here</td>
</tr>
<tr>
<td>7</td>
<td>Place Your Foreign Language Class - or - Elective Here</td>
</tr>
</tbody>
</table>

You MUST enter 4 alternate elective classes

## The Other Semester

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