



**ST. MICHAEL'S**  
**HIGH SCHOOL**

**Course Catalog**  
**2019-2020**

## **Six-Year Plan**

### **7th Grade**

Language Arts 7 Grammar and Literature or Language Arts 7 Grammar and Literature Honors  
Pre-Algebra  
Life Science  
New Mexico History/World Geography  
Theology 7: One Faith, One Lord and Break Through  
Keyboarding  
Elective

### **8th Grade**

Language Arts 8 Grammar and Literature or Language Arts 8 Grammar and Literature Honors  
Pre-Algebra, Algebra 1 or Algebra 1 Honors  
Earth Science  
U. S. History 8 or U. S. History 8 Honors  
Theology 8: Living the Catholic Faith  
Introduction to Technology  
Elective

### **Freshman**

English 9 Literature/Writing Composition or English 9 Literature/Writing Composition Honors  
Algebra 1, Algebra 1 Honors, Algebra 2 or Algebra 2 Honors  
Physical Science or Conceptual Physics Honors  
Theology 9: The Revelation of Jesus Christ in Scripture/Who is Jesus Christ?  
Physical Education I  
Health Science  
Foreign Language  
New Mexico History SH  
Advanced Technology  
Electives

### **Sophomore**

English 10 or English 10 Honors  
Algebra 2, Algebra 2 Honors, Geometry or Geometry Honors  
Biology or Biology Honors  
World History or World History AP  
Theology 10: The Mission of Jesus Christ  
Physical Education II (or Sports PE)  
Foreign Language  
Speech SH  
Electives

### **Junior**

English 11 or English 11 AP  
Geometry, Geometry Honors, Trigonometry A, Trigonometry B or Advanced Algebra, or Trigonometry/Pre-Calculus Honors  
Chemistry, Chemistry Honors, AP Chemistry or other science courses  
U. S. History 11 or U. S. History 11 AP  
Theology 11 Sacraments + Ecumenical and Interreligious Issues  
College Readiness  
Electives

### **Senior**

English 12 or English 12AP  
Trigonometry A, Trigonometry B, Advanced Algebra, Trigonometry/Pre-Calculus Honors, Calculus, AP Calculus AB, AP Calculus BC  
AP Physics, AP Environmental Science, Criminalistics, Human Anatomy Honors, What's Eating Us? Honors, Astronomy and Robotics Honors  
Government Honors  
Economics Honors  
Theology 12 Life in Christ, Service Learning (Elementary or Community)  
Electives

# Graduation Requirements

All students must complete twenty-eight (28) credits for graduation. All students are required to take 7.5 credits each school year. The requirements are as follows:

Theology .....	4
English .....	4
Mathematics.....	4.5
Science.....	4
Social Studies .....	3.5
Fine/Performing Arts .....	1
Foreign Language.....	2 (Must be same language)
Physical Education .....	1
Health.....	0.5
Speech.....	0.5
Advanced Technology .....	0.5
College Readiness.....	0.5
Electives.....	2.0

\*The graduation requirement of one credit in Arts and Humanities may be fulfilled by any of the Senior High credited courses in the Fine/Performing Arts Department (except Speech) or by the following courses in the English Department: Creative Writing I, Humanities, or Novels.

**Please note:**

- **Students are required to take a full load of (7.5) credits each school year.**
- **Graduation requirements are subject to change by the Board of Trustees or the New Mexico Public Education Department.**

**Honors & Advanced Placement (AP) Courses**

In order to qualify for Honors or AP courses at St. Michael's High School, a student must have a teacher recommendation. Typically, to enroll in Honors or AP classes, the student must have an A in the prerequisite regular class or an A or B in the prerequisite Honors or AP class.

All Honors or AP classes offered for senior high credit are graded on the following grade point scale:

A = 5 pts    B = 4 pts    C = 3 pts    D = 1 pt    F = 0 pt

All students must have one credit of the following in order to graduate: AP, Honors, On-line, Community College or Dual Credit.

Study Hall periods are available only for students who are enrolled in zero hour classes (unless you have administrative approval).

# Course Descriptions

*Elective courses presented in this book are offered only in the event that a sufficient number of students elect to take the class. All students are placed in elective courses on a space-available basis. Due to scheduling conflicts, elective course selections are not guaranteed.*

## Business, Computer Science and Media Arts Department

### Junior High Core Courses

#### JH Keyboarding (required 7<sup>th</sup> grade)

The course covers the basic keyboard, focusing on speed and accuracy in business letters and reports, using word processing skills. (One trimester course)

#### Introduction to Technology (required 8<sup>th</sup> grade)

Students learn the fundamental word processing skills necessary to produce simple documents of various types using bullets, numbered lists, special characters, borders and shading, special fonts, and paragraph and line formatting. Internet searching and research skills are heavily stressed in this course to help prepare them for other classes. Students are trained to use e-mail accounts properly. They learn to create and edit simple spreadsheets using the basic formulas and functions. They also create and present a PowerPoint research project.

### Senior High Courses that Fulfill the Technology Requirement for Graduation

#### Advanced Technology (required)

Students learn intermediate spreadsheet skills, including formatting using styles, using common functions, and producing technical graphs and charts. They continue in word processing learning to create sections, envelopes, labels, tables, columns, graphic elements, styles, templates, and mail merges. Students learn beginning database skills including creating tables, forms, reports, filters and queries. Projects include a spreadsheet/graphing research project, a resume and letter of application, (One trimester course) **STEM Course**

#### Programming I

This course teaches beginning programming in a fun, exciting manner. It will be an introduction to various coding languages (javascript, html, java, c++, actionscript, etc.) Students will program 3D worlds populated with objects, creatures, and people resulting in animations and simple interactive video games. Students learn fundamental programming logic and techniques with instructions that correspond to standard statements in Java, C++, and other production languages. This course is designed to be a non-threatening beginning course for all students, including those students who might be leery of a highly technical course. This class will introduce robotics as an advanced application of computer science that can be used to solve problems. Students explore how to integrate hardware and software in order to solve problems. Students will see the effect of software and hardware design on the resulting product. (One trimester course, prerequisite Advanced Technology) **STEM Course**

#### Programming I Honors

This honors course teaches beginning programming in a fun, exciting manner. It will be an introduction to various coding languages (javascript, html, java, c++, actionscript, etc.) Students will program 3D worlds populated with objects, creatures, and people resulting in animations and simple interactive video games. Students learn fundamental programming logic and techniques with instructions that correspond to standard statements in Java, C++, and other production languages. This course is designed to be a non-threatening beginning course for all students, including those students who might be leery of a highly technical course. This class will introduce robotics as an advanced application of computer science that can be used to solve problems. Students explore how to integrate hardware and software in order to solve problems. Students will see the effect of software and hardware design on the resulting product. (One trimester course, prerequisite Advanced Technology, teacher recommendation required) **STEM Course**

#### Digital Photography

Digital Photography focuses on creating computer graphics/photos for print or the web. The emphasis is on Adobe Photoshop. Students gain an extensive working knowledge of this program and will use it to create computer graphics, art, photo restorations, and much more. This course is extremely beneficial for students going into art, advertising, animation, photography or web design. (One trimester course, prerequisite Advanced Technology) **STEM Course**

### Digital Illustration

Digital Illustration focuses on creating computer graphics for print or the web. The emphasis is on Adobe Photoshop and Adobe Illustrator. Students gain an extensive working knowledge of these programs and use them to create computer graphics, art, T-shirt designs, and much more. Students will also use other software packages including 3D animation software. This course is extremely beneficial for students going into art, advertising, animation, photography or web design. (One trimester course, prerequisite Advanced Technology) **STEM Course**

### Digital Video

In this class the students will learn the basics of shooting digital video as well as how to edit videos using an iMac computer and Adobe Premiere Pro, a professional video editing software program. At mid-term, students will switch to iMovie to create and edit their video projects. The students will also present their work for in-class critiques and create a class presentation of a filmmaker of their choice. Having a digital video camera is helpful, but not required. There is no prerequisite and no experience is necessary. (One trimester course, prerequisite Advanced Technology) **STEM Course**

### Programming II

Emphasis is on fundamental programming concepts using good design and programming techniques that will transfer to other languages. This project-based course emphasizes object-oriented programming, algorithms, and arrays, and builds on the skills acquired in Programming I This course requires good logic skills. Topics include program design, program implementation, standard data structures, and standard algorithms.

This class will introduce robotics as an advanced application of computer science that can be used to solve problems. Students explore how to integrate hardware and software in order to solve problems. Students will see the effect of software and hardware design on the resulting product. Students will apply previously learned topics to the study of robotics.

- design and implement solutions to problems by writing, running, and debugging computer programs.
- use and implement commonly used algorithms and data structures.
- develop and select appropriate algorithms and data structures to solve problems.
- code fluently in an object-oriented paradigm using the programming language Java. Students are expected to be familiar with and be able to use standard Java library classes from the Java subset.
- read and understand a large program consisting of several classes and interacting objects. Students should be able to read and understand a description of the design and development process leading to such a program.
- recognize the ethical and social implications of computer use.

(One trimester course, prerequisite Programming I) **STEM Course**

### Programming II Honors

This honors course has an emphasis on fundamental programming concepts using good design and programming techniques that will transfer to other languages. This project-based course emphasizes object-oriented programming, algorithms, and arrays, and builds on the skills acquired in Programming I This course requires good logic skills. Topics include program design, program implementation, standard data structures, and standard algorithms.

This class will introduce robotics as an advanced application of computer science that can be used to solve problems. Students explore how to integrate hardware and software in order to solve problems. Students will see the effect of software and hardware design on the resulting product. Students will apply previously learned topics to the study of robotics.

- design and implement solutions to problems by writing, running, and debugging computer programs.
- use and implement commonly used algorithms and data structures.
- develop and select appropriate algorithms and data structures to solve problems.
- code fluently in an object-oriented paradigm using the programming language Java. Students are expected to be familiar with and be able to use standard Java library classes from the Java subset.
- read and understand a large program consisting of several classes and interacting objects. Students should be able to read and understand a description of the design and development process leading to such a program.
- recognize the ethical and social implications of computer use.

(One trimester course, prerequisite Programming I or Honors Programming I, teacher recommendation required) **STEM Course**

### Web Design and Development I

This course is an exploration of all of the elements of good web page design. Students will begin by creating web pages coding in HTML, XHTML and CSS. Students will investigate several Adobe software packages to enhance web sites such as:

- Adobe Photoshop to create and edit graphics
- Adobe Flash to create animations and web banners
- Adobe Premiere to create and edit videos and audio Students will learn how to use web design software, Adobe Dreamweaver, to create interactive web pages. Students will also use multimedia equipment such as digital cameras, camcorders, video capture devices and more. Students will complete several real-world projects such as Flash videos, web pages, and the Senior Slide Show shown at the Senior Assembly. This course is available to all students who meet the prerequisite. (One trimester course, prerequisite Advanced Tech) **STEM Course**

### Web Design and Development II

This course is a comprehensive approach to good web page design and development. Students will begin by creating web pages coding in HTML, XHTML, CSS, and database creation and manipulation. Students will investigate several Adobe software packages to enhance web sites such as: • Adobe Photoshop to create and edit graphics • Adobe Flash to create animations and web banners • Adobe Premiere to create and edit videos and audio Students will learn how to use web design software, Adobe Dreamweaver, MySQL to create interactive web pages. Students will also use multimedia equipment such as digital cameras, camcorders, video capture devices and more. Students will complete several real-world projects such as Flash videos, web pages, and shopping carts. (One trimester course, prerequisite Web Design and Development I) **STEM Course**

### Advanced Computer Science Studies

This course provides students who have achieved all content standards in Computer Science an advanced study through investigation and in-depth research. The student collaborates with the supervising teacher to design and implement the topic of study. Coursework may include various learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. (One trimester course, prerequisite teacher recommendation) **STEM Course**

### Digital Media Productions

The student collaborates with the supervising teacher to design and implement the topic of study. Coursework may include various work-based learning experiences such as involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course may be repeated. (One trimester course, prerequisite Advanced Technology) **STEM Course**

## **Senior High Electives**

### Introduction to Business

The purpose of this course is to introduce a variety of business related topics to provide better understanding of potential college and career options. Topic include: Career Planning, Basic Economic Concepts, Business Ethics and Social Responsibility, Business Ownership and Operations, Business Management, Money and Financial Institutions, Managing Personal Finances and other topics. (One Trimester Course, 11<sup>th</sup> and 12<sup>th</sup> grade)

### A Walk Down Wall Street

This course is a business elective that introduces students to basic stock market principles such as the background of stock market investments, different types of stock exchanges and security types, and the analytical side of choosing stocks. Students will be exposed to the basics of fundamental and technical analysis, trade orders, the varying levels of diversification, and growth vs value investing. Students will be challenged to “hone and own” their personal investment philosophy and strategy and will be exposed to other forms of financial investment. (One trimester course; open to sophomores, juniors and seniors)

# English Department

## Junior High Core Courses

### Language Arts 7 Grammar & Literature (Required)

This course seeks to improve the student's communication skills in speaking, listening, and writing, and gives an introduction to the novel, play, and short story. The basics of grammar, spelling, and vocabulary building are essential to the course. Students explore literature for enjoyment and for learning about life and self with the goal to develop a sense of pleasure in reading. (Three trimester course)

### Language Arts 7 Grammar & Literature Honors

This course follows the 7<sup>th</sup> Grade curriculum but at an accelerated pace. The class seeks to improve the student's communication skills in speaking, listening, and writing, and gives an introduction to the novel, play, and short story. The basics of grammar, spelling, and vocabulary building are essential to the course. Students explore literature for enjoyment and for learning about life and self with the goal to develop a sense of pleasure in reading. (Three trimester course, administrative approval).

### Language Arts 8 Grammar & Literature (Required)

This course reinforces Language Arts 7 with a greater emphasis on building vocabulary and writing expository, narrative, persuasive, and descriptive paragraphs. Students further explore short stories, novels, and plays and poetry. The class emphasizes discussion, organization in composition, initiative, and creativity. (Three trimester course)

### Language Arts 8 Grammar & Literature Honors

This course follows the 8th grade curriculum but at an accelerated pace with a greater emphasis on building vocabulary and writing expository, narrative, persuasive, and descriptive paragraphs. Students further explore short stories, novels, plays and poetry. The class emphasizes discussion, organization in composition, initiative, and creativity. (Three trimester course; teacher recommendation required)

## Senior High Core Courses

### English 9 Literature and Writing Composition

This course focuses on the language arts skills for effective communication. The students learn to respond orally to literature through discussion and recitation taken from selected literary works. The class emphasizes mechanics, usage, vocabulary, sentence construction, paragraph development, and essay writing. Students will explore the novel, short story, epic form, mythology, poetry, drama, and non-fiction. (Two trimester course)

### English 9 Literature and Writing Composition Honors

In addition to the skills of English 9, this course continues preparation for the Advanced Placement English courses at the junior and senior levels with emphasis on critical writing and discussion, in which students are highly encouraged to participate. (Two trimester course: teacher recommendation required)

### English 10 (required)

This course combines the language arts skills in a more deliberate fashion with the study of literature through critical awareness of style and structure. The students will respond orally to literature through discussion and recitation taken from selected literary works. Students will continue a study of vocabulary. In the second trimester, students will hone their writing skills by writing a literature based research paper. (Two trimester course: required, prerequisite of English 9 or English 9 Honors)

### English 10 Honors

In addition to the skills of English 10, the students will read additional novels with follow-up essays or alternative assessments. Students are highly encouraged to participate in class discussions. The students will hone their skills by writing a literature-based research paper. Literature for analysis and appreciation draws from The College Board guidelines. (Two trimester course: prerequisite of English 9 or English 9 Honors, teacher recommendation required)

### English 11 (required)

This course combines a study of American literature and composition. Students learn to defend a thesis in class discussions, in essays, and in a research paper. Students develop critical thinking and continue to work on language skills and vocabulary. (Two trimester course: required; prerequisite of English 10 or English 10 Honors)

### AP English 11-Language and Composition

In addition to the skills of English 11, the focus on American literature will include additional novels and readings with follow-up essays or alternative assessments. The research paper of the advanced placement student is more complex. Literature for analysis and appreciation draws from The College Board guidelines. Students are highly encouraged to participate in class discussions. **Students are encouraged to take the English Language and Composition Advanced Placement exam.** (Three trimester course: teacher recommendation required)

### English 12

This course focuses on World Literature. Students examine thematic concepts and practice the critical skills of analysis and synthesis. They will continue their study of vocabulary and develop a mature writing style through papers of various lengths, including a major research paper. (Two trimester course: required; prerequisite of English 11 or English 11 AP)

### AP English 12-Literature and Composition

In addition to the skills of English 12, advanced placement students will read more works throughout the year with follow-up essays or alternative assessments on the assigned readings. Literature for analysis and appreciation draws from The College Board guidelines. Students are highly encouraged to participate in class discussions. The research paper of the advanced placement student will be more extensive and more insightful of the topic. **Students are encouraged to take the English Literature and Composition Advanced Placement exam.** (Three trimester course: teacher recommendation required)

### Speech SH (Required)

This course explores a broad range of speech communication topics such as speaking with confidence, leadership, listening, debate, parliamentary procedures and advertising. Students will present on a weekly basis, giving them solid public speaking skills as they give speeches to inform and persuade. (One trimester course)

## **Senior High Electives**

### Creative Writing I

The purpose of this class is to become familiar with different types of literature and to incorporate these forms into writing. Each student writes frequently, critiques other students' works, and analyzes published materials. (One trimester course; open to grades 9-12)

### Humanities I (offered 2019-2020)

The purpose of this class is to explore what it means to be fully human and how to lead a good life. The class discusses philosophy, theology, art, literature, music, and mathematics - all components of a well-rounded individual. Each student reads from these disciplines, works on related projects, and writes critical analyses. (One trimester course; open to juniors and seniors)

### The Novel and Its Images (offered 2020-2021)

The purpose of this class is to discuss, analyze, and discover the relationship between good books and good movies. Many great works of writing become outstanding movies. Students discuss, for example, why certain sections of a novel are left out in a movie, and why the movie might take a small detail from the novel and make it the focus of the production. (One trimester course; open to juniors and seniors)

### World Mythology

Students will learn about the mythology of the ancient Near East, East Asia, Greece and Rome, Africa, and the Americas. Each student explores a universal theme through readings and interactive projects. (One trimester course, open to sophomores, juniors and seniors)

### Yearbook

Students will learn typography, page lay-out, graphic design, and the historical and theoretical background of journalism. The class will produce the yearbook with a student-run editorial staff. (One trimester course that can be repeated for credit: prerequisite: teacher recommendation required; open to juniors and seniors)



# **Fine/Performing Arts**

## **Junior High Electives**

### JH Art

This course is an introductory level approach to the basics of art for junior high school students. Explorations in drawing, painting, sculpture and color theory are introduced. Students will work with a variety of mediums including graphite, tempera, clay and found objects. Students will be introduced to the critique process and be required to keep a detailed sketchbook. Emphasis is on effort and originality. (7<sup>th</sup> and 8<sup>th</sup> grade - one trimester course)

### JH Band (see course description below)

### JH Orchestra (see course description below)

### JH Choral Arts Society (see course description below)

### JH Theatre Arts (see course description below)

### JH Marimba (see course description below)

## **Music**

### **Senior High Electives**

### SH Band

This course is designed for students who have various levels of experience on band instruments. Students are encouraged to have their own instruments but larger instruments (alto and tenor sax, baritone sax, French horn, Baritone horn and tuba) are provided. Students perform at home football games, open house, concerts at St. Mike's, District Honor Band, and Music Performance Assessment. Participation is mandatory. (Three trimester course; meets during zero hour)

### SH Orchestra

This course is designed for students who have various levels of experience on string instruments (violin, viola, cell or bass). Strings improve their technique, expand their knowledge, perform in concerts at St. Mike's, for school events, in District Honor Orchestra and in Music Performance Assessment. Participation is mandatory. (Three trimester course, meets during zero hour)

### SH Choral Arts Society

This course is the advanced study of choral music to include major masterworks and highly intricate acapella choral works. We will study the great treasury of choral music from all styles to include sacred and secular music. This course will include advanced study of sight reading and vocal technique. AUDITION REQUIRED

### Guitar I

No previous music experience required. Students will play a wide variety of music. They will learn to read music notation and tablature and to play chords. They also learn music theory. Classes present a performance each trimester. Students encouraged to have their own guitars, although a guitar can be provided for a student in need. (One trimester course; students may begin Guitar II after completing one trimester of Guitar I) (9<sup>th</sup> -12<sup>th</sup> grade)

### Guitar II

This course is designed for the student who is a more experienced player. Students will continue to work with a wider genre of music. They will continue to learn and work on music notation, tablature, and playing of chords. Classes will present a performance each trimester. Students encouraged to have their own guitars, although a guitar can be provided for a student in need. (One trimester course which may be repeated for credit; prerequisite is Guitar I or teacher recommendation) (9<sup>th</sup>-12 grade)

### SH Marimba

Exciting music class for students with all skill levels. Beginning and advanced students are welcome. (one trimester course can be taken more than once).

## Art

### Senior High Electives

#### Art 1

This class is an introduction to the elements of art in a 2D and 3D setting. Students will build their skills in drawing, painting, sculpture, water color, pastel, and other materials. Students will be introduced to the critique process and be required to keep a detailed sketchbook. (One trimester course)

#### Art 2

This course will be a one where students build on their skills from Art Elements 1. Students will be working on the elements of design and exploring those through painting, sculpture and drawing. A sketchbook will be required and up to date information kept. This course will be a combination of 2D and 3D in the classroom and outside. (One trimester course; prerequisite: Art 1)

#### Advanced Art 3

Students will be working on developing their own artistic style with responding to high level questions that are posed to them. Students will be using paint, sculpture, drawing and other materials in this course. Students will be working on mastery of materials, research and writing artist statements in this course. (One trimester course; prerequisite: Art 2)

#### Advanced Art 4

Continuation of Art 3 at a higher level (One trimester course, prerequisite Art 3)

#### Ceramics 1

This course teaches students the basic techniques and processes of clay. Students will learn a variety of construction techniques including pinch, coiling, and slab construction. Students will also explore surface decoration through glazes. Students will apply space, form, function and proportion to their projects. (One trimester course)

#### Ceramics 2

This course will expand on the skills learned in Ceramics 1 and students will learn wheel throwing as well as creating multiples and sets of art work. Students will continue to work on increasing skill and proficiency with their hand building as well as learning new techniques. (One trimester course; prerequisite Ceramics 1)

#### Honors Ceramics 2

This honors course will expand on the skills learned in Ceramics 1 and students will learn wheel throwing as well as creating multiples and sets of art work. Students will continue to work on increasing skill and proficiency with their hand building as well as learning new techniques. (One trimester course; prerequisite Ceramics 1, teacher recommendation required)

#### Honors Ceramics 3

This course will have an emphasis in 1/2 hand building and 1/2 wheel throwing. Students will choose their own path to work on with conference with the teacher. Students will be creating their own artistic style in the 3D form and working off ideas of artist and art history as well. (One trimester: prerequisites Ceramics 1 and 2)

#### Art History and Art Making

Students will follow a history of art making timeline and create works of art that reflect the history as well. Students will be examining the art and how it created and characterized the civilization that created it. Students will be working with painting, drawing, sculpture and other materials in this course. (One trimester: prerequisite Art 1)

## Foreign Language Department

### Junior High Electives

#### JH Intro to Spanish

This is an introductory level course for students with no background in Spanish. Curriculum includes basic social conservation patterns and vocabulary. (8<sup>th</sup> Grade, one trimester course)

## Senior High Core Courses

### French 1

This senior high school credited course is the introductory course in French. It exposes the student to French from a conversational approach. Given this, the course stresses French as it is spoken in ordinary conversation and builds upon a rich vocabulary for daily use together with a substantial list of idiomatic expressions for ordinary use. There will be a good deal of listening and repetition as a class, in small groups, and with a partner. The essential grammar of noun/adjective agreement along with verb drill in the present and passé compose tenses are an essential element of the course. All four aspects of the language – speaking, listening, reading, writing – will be covered. (Two trimester course)

### French 2

This course builds upon the skills learned in French 1. The course continues to reinforce speaking, listening, reading, and writing skills with a larger vocabulary and increased idiomatic expressions in both dialogue and paragraph work. Several new tenses will be thoroughly studied. The study of francophone regions of the world will be the springboard for enhanced knowledge of French and native cultures. Each quarter each student will give an oral presentation to the class, followed by questions from the rest of the class, all in French. (Two trimester course: prerequisite of French 1)

### French 3

French 3 students will be able to read and write in French and communicate fluently with each other on ordinary topics of interest to young men and women. The prime goals of the course will be an expanded vocabulary, refined pronunciation, and study of all tenses and modes. There will be an increasing reliance on instruction and directions from the teacher in French and fielding questions from their classmates. (Two trimester course: prerequisite of French 2; it is highly recommended the students entering French 3 have earned at least a B in French 2)

### Italian 1

Italian 1 is the introductory course in Italian. It exposes the student to Italian from a conversational approach. Given this, the course stresses Italian as it is spoken in ordinary conversation and builds upon a rich vocabulary for daily use together with a substantial list of idiomatic expressions for ordinary use. There will be a good deal of listening and repetition as a class, in small groups and with a partner. The essential grammar of noun/adjective agreement along with verb drill in the presente and passato tenses is an essential element of the course. All four aspects of the language – speaking, listening, reading, writing – will be covered. (Two trimester course)

### Italian 2

This course builds upon the skills learned in Italian 1. The course continues to reinforce speaking, listening, reading and writing skills with a larger vocabulary and increased idiomatic expressions in both dialogue and paragraph work. Several new tenses will be thoroughly studied. The study of Italy and its various regions will be the springboard for enhanced knowledge of Italian. Students will be expected to give regular oral presentations as they perfect their knowledge of Italian grammar, vocabulary and idiomatic expressions. The class will also begin reading articles from the Italian press and writing short essays in Italian. (Two trimester course: prerequisite of Italian 1)

### Italian 3

This course builds on the speaking and writing skills learned in Italian 2. It is for students who desire to achieve an advanced level in Italian. The focus will be on perfecting the students' knowledge of spoken and written Italian. The primary goals of the course will be an expanded vocabulary, refined pronunciation, and further study of all tenses and modes in Italian. These goals will be pursued through advanced grammar and speaking exercises, as well as extensive readings in the Italian press and an introduction to Italian literature by reading and discussing authors such as Priandello, Sciacia, Parisi, Pavese, and others. A certain focus will be placed on Italian poets from Leopardi to the present. (Two trimester course; prerequisite Italian 2)

### Spanish 1

This senior high school credited course is the introductory course in Spanish. Latin American and Spanish culture and geography are studied along with the alphabet, pronunciation and numbers, followed by basic conversational skills. Listening, speaking, reading and writing skills will be addressed. Students will develop their language skills through the use of audio CD's, overhead transparencies and partner practice with classmates. Extensive verbal interaction with the teacher and oral and written testing further insure adequate grounding in basic grammar skills. Mastery of regular verbs and selected high-frequency irregular verbs in the present tense, expression of future action and the past tense will be emphasized. Students will acquire an extensive vocabulary. (Two trimester course)

### Spanish 1 (for Spanish speakers)

This course is designed to help native and heritage speakers improve their reading and composition skills. Through the exploration of literature, students will deepen their knowledge of cultural elements such as art, music, history, etc ..., to further their understanding of Hispanic culture. Spanish grammar and writing will also be emphasized. Instruction will be primarily in Spanish. (Two trimester course)

### Spanish 2

Spanish 2 reinforces and builds on knowledge acquired in Spanish 1. Students will continue to progress as they engage in meaningful, authentic communication through the study of grammar and culture. Students will be able to express themselves using present, past and future verb tenses by the end of the school year. Extensive oral practice, paired exercise work and frequent written testing will offer the student the opportunity to master the skills necessary for advancement to Spanish 3. (Two trimester course: prerequisite of Spanish 1)

### Spanish 3

Spanish 3 is the culmination of a three-year basic course. The class is mainly conducted in Spanish with grammar explanations in English and emphasis on student centered activities. Cultural studies as well as all text book directions are in Spanish. Grammar skills are reinforced and expanded. The subjunctive mood is taught in depth. Oral presentations and discussions relating to social, political and economic problems as well as travel, sports and career selection are included. This class is for the serious student dedicated to the mastery of the Spanish Language. (Two trimester course; prerequisite of Spanish 2).

### Spanish 4 Honors

This course is designed for the serious Spanish student (both native and non native) dedicated to a higher level of study and proficiency in the language. This course offers practice and preparation in the reading of a diverse selection of authentic literature, writing, advanced grammar topics, vocabulary acquisition, spelling practice, and the opportunity for extensive oral practice. The instructor will choose the course of study from a variety of textbook and video sources. Daily oral classroom participation and discussion is emphasized. (Two trimester course; prerequisite of Spanish 3, teacher recommendation required)

### Spanish AP – Online Course

Separate course fee required. (Three trimester course: prerequisite of Spanish 4)

### Latin I

Latin I is for the serious student who wants to study the mother language of the Romanesque languages (Spanish, Portuguese, French, Italian, Romanian, Catalan, Galician, Sardinian, Provençal, and Rhaetian). The course provides foundational knowledge that would further enhance the study of the romance languages. This class covers grammar, vocabulary, Roman culture, literature, and history. Students who enroll in the course must continue with Latin II in order to fulfill the two year requirement of a foreign language at St. Michael's. (Two trimester course)

## **Mathematics Department**

### **Department Policy:**

**Calculators are usually allowed and encouraged. However, the teacher, at his/her discretion, may not allow them for a particular assignment/test/quiz, etc.**

### **Junior High Core Courses**

#### Pre-Algebra (Required)

This course emphasizes real numbers, expressions and equations, functions, triangles and the Pythagorean theorem, transformation, congruence and similarity, volume and surface area, scatter plots and data analysis. (Three trimester course)

#### Algebra 1 (Required)

Emphasis is placed on real numbers, the number line, sets, order of operations, factoring, evaluation of expressions, sequences and series, solving linear equations and graphing, problem solving, solving systems algebraically, radicals, quadratic functions, rational expressions. (Three trimester course; prerequisite of Pre-Algebra).

#### Algebra 1 Honors

This accelerated course provides a more in-depth study of all concepts in Algebra 1 and additional topics will also be covered as time allows. (Three trimester course; teacher recommendation required)

***\*Note – Junior High students taking Algebra 1 or Algebra 1 Honors will receive high school credit and their grades and GPA for these courses will apply to their high school transcript.***

## **Senior High Core Courses**

### Algebra 2 (Required)

This course reviews and builds upon Algebra 1 skills. In addition, it focuses on quadratic functions and complex numbers, and extensive problem solving. (Two trimester course; prerequisite of Algebra 1 or Algebra 1 Honors).

### Algebra 2 Honors

As an accelerated course, emphasis is placed on more detailed analysis of the material covered in a regular Algebra II course. Students at this level are expected to be proficient in the use of a scientific calculator. (Two trimester course; prerequisite of Algebra 1 or Algebra 1 Honors, teacher recommendation required).

### Geometry (Required)

This course focuses on Euclidean geometry, both plane and solid, with an emphasis on the application of logic, geometric theorems, basic trigonometry, and coordinate geometry, as well as the use of deductive proofs. (Two trimester course; prerequisite of Algebra 2 or Algebra 2 Honors)

### Geometry Honors

This course provides a more in-depth study of all concepts in Geometry, with more emphasis placed on proofs and constructions. (Two trimester course; prerequisite of Algebra 2 or Algebra 2 Honors, teacher recommendation required)

### Trigonometry A (required)

This is the essential trigonometry course for any college bound student. Topics include the three basic trigonometric functions, their reciprocal and inverse functions, solving right triangles, radian measure, the circular functions, linear and angular speed, trigonometric graphs, identities (reciprocal, quotient, even/odd, Pythagorean), and solving oblique triangles using the Law of Sines and the Law of Cosines. As time allows, test prep for the ACT and SAT may be included. (One trimester course; prerequisite of Geometry or Geometry Honors).

### Trigonometry B

This course and builds upon and extends Trigonometry A, including the continuing study of trigonometric identities, finding the area of oblique triangles, the inverse circular functions, trigonometric equations, vectors, and polar coordinates. As time allows, test prep for the ACT and SAT may be included. (One trimester course; prerequisite of Trigonometry A.)

### Advanced Algebra

This course is the study of algebraic concepts beyond Algebra 2, including conic sections, exponential and logarithmic functions, the number e, complex numbers, matrices and determinants, series and sequences, and if time allows, limits, and probability and statistics (One trimester; prerequisite of Geometry or Geometry Honors)

### Trig/Pre-Calculus Honors

This accelerated course is designed to cover analytical geometry (conic sections, polynomial and rational expressions) complex algebraic expressions and equations, functions, complex numbers, circular functions and their graphs, identities, trigonometric functions and equations, vectors, real world modeling and applications. (Two trimester course: teacher recommendation required)

### Calculus

This course includes the study of functions, limits, the derivatives of algebraic and transcendental functions, methods of differentiation, and applications of the derivative. If time allows, the definite integral and methods of integration may be introduced. This course is not designed to prepare students to take the Advanced Placement test. (Two trimester course; prerequisite of Trig/Pre-Calculus Honors, or a C or better in Trigonometry A)

### Advanced Placement Calculus AB

The AB course is equivalent to a first semester college calculus course. Its curriculum is that suggested by the College Board's Advanced Placement Program. The accelerated pace for this course is intended to prepare students for the AP Calculus AB exam at the end of the year, with a goal of potentially receiving college credits. Students must be willing to put in an extensive amount of time and effort to succeed in this course. St. Michael's encourages students to take the Advanced Placement Calculus AB exam at the end of the year. (Three trimester course; teacher recommendation required)

### Advanced Placement Calculus BC

The BC course is equivalent to **both** first and second semester college calculus courses. Its curriculum is that suggested by the College Board's Advanced Placement Program. The accelerated pace for this course is intended to prepare students for the AP Calculus BC exam at the end of the year, with a goal of potentially receiving college credits. Additional topics covered beyond that of AP Calculus AB are parametric equations, integration by trigonometric functions, improper integrals, sequences and series. Students must be willing to put in an extensive amount of time and effort to succeed in this course. St. Michael's encourages students to take the Advanced Placement Calculus BC exam at the end of the year. (Three trimester course; prerequisite: an A or B in Advanced Placement Calculus AB, an A or B in Trigonometry Honors/Pre-Calculus, or teacher recommendation)

### **Senior High Elective**

#### Making Connections with the Graphing Calculator

The graphing calculator can be a powerful tool for a student in understanding math concepts. This course has two objectives.

1) To teach students how to use the many different functionalities of a graphing calculator and 2) To help students make connections between and among various math concepts. Students will learn about the various menus, sub-menus, symbols, catalog and operation capabilities of the calculator, as well as the importance of proper input techniques. Basic programming and graphing procedures for the calculator will be introduced. Math topics to be incorporated into the course include, but are not limited to, basic and advanced arithmetic operations, scientific notation, systems of equations, important aspects of functions such as zeros, maximums, minimums, and "end behavior", statistical regression, complex numbers, and probability. Students do not have to own a graphing calculator (One trimester course, prerequisite Algebra 1)

## **Physical Education Department**

### **Junior High Elective Course**

#### PE JH

This physical education/health class is designed to teach fundamental psychomotor skills and health concepts covering nutrition topics such as the food pyramid, nutrients, vitamins and minerals. The activities will focus on providing opportunities to participate in games which help develop the skills necessary for participation in major sports. (One trimester course, may be taken more than once).

### **Senior High Core Courses**

#### PE SH 1 (required)

This high school physical education/health class focuses on developing the fundamental psychomotor skills and covering drug and alcohol topics with specific attention to the abuse of drugs and alcohol. Greater emphasis is placed on major team and individual sport activities. (One trimester course, may be taken more than once)Senior High Electives

#### Boys' Sports Physical Education (Pass/Fail)

This course offers the student a chance to practice for a specific sport. The student will practice with their coaches and will learn the skills that are specific for that sport. Weight training, conditioning and plyometrics will be a part of this class. (One trimester course; may be repeated for credit; open to football (first trimester) and boys basketball (second trimester) only; prerequisite: student must be a returning Varsity or Junior Varsity, or C team athlete and have coach's approval; can be taken more than once for credit). **Sports PE will be offered only if the coach is available.**

#### Girls' Sports Physical Education (Pass/Fail)

This course offers the student a chance to practice for a specific sport. The student will practice with their coaches and will learn the skills that are specific for that sport. Weight training, conditioning and plyometrics will be a part of this class. (One trimester course; may be repeated for credit; volleyball (first trimester only), and basketball (second trimester only); prerequisite: student must be a returning Varsity or Junior Varsity, or C team athlete and have coach's approval; can be taken more than once for credit). **Sports PE will be offered only if the coach is available.**

#### Weights and Fitness

The goal of this class will be to improve the fitness, strength, flexibility, power, agility and speed of students through proper execution of exercises using free weights, plyometrics, medicine ball exercises and cardiovascular workouts. (One trimester course; prerequisite: PE SH 1).

# Science Department

## Junior High Core Courses (Required)

Junior High Students will receive three trimesters of science instruction each year, as follows:

### 7<sup>th</sup> Grade Science

Life Science A:	Introduction to Life Sciences, Cell Structure and Functions, Heredity
Life Science B:	History of Life, Evolution, Invertebrates and Vertebrates
Life Science C:	Human Anatomy, Nutrition, Disease

### 8<sup>th</sup> Grade Earth Science

Earth Science A:	Astronomy (Light & EM Spectrum, Planets, Stars, Moon and Seasons) and Earth Materials (Understanding Formulas, Minerals and Rocks)
Earth Science B:	Dynamic Earth (Earthquakes, Volcanoes, Plate Tectonics, Mountains) and Surface Sculpting (Running Water and Glaciers)
Earth Science C:	Oceans and Atmosphere

## Senior High Core Courses

Freshmen are required to take Physical Science or Conceptual Physics Honors, Sophomores are required to take Biology or Biology Honors, and Juniors are required to take Chemistry, Chemistry Honors or AP Chemistry

### 9th Grade Lab Sciences

Physical Science A (required):	Science Skills, Introduction to Chemistry
Physical Science B (required):	Introduction to Physics

### Conceptual Physics Honors

This is an honors conceptual physics lab science offered to qualified Freshmen. It presents the concepts of physics before the advanced calculations. Topics covered include motion, properties of matter, heat, sound, light, electricity, magnetism and, if time permits, atomic and nuclear physics. (Two trimester course – Prerequisite: Algebra 1 or Algebra 1 Honors, Teacher recommendation required)

### Health Science (required)

This course concentrates on contemporary health issues facing students today such as the role of drugs and disease in our society, emotional health, and health and nutrition. The goal of this class is to provide students with current information regarding their health and well being. Using a wide variety of sources student will be exposed to all facets of health and as a result make responsible choices regarding living their daily lives. (One trimester course)

### 10<sup>th</sup> Grade Lab Sciences

Biology A (required):	Introduction to Biological Sciences, Chemistry of Life, Cell Anatomy and Physiology.
Biology B (required):	Genetics, Evolution, Diversity of Life and Ecology (Prerequisite Biology A)

### Biology Honors

This is an accelerated biology class with a curriculum designed to prepare students for AP Biology. Students in this class are expected to perform well at rigorous academic levels.

Bio Honors A:	Biochemistry, Cell Structure and Function.
Bio Honors B:	Genetics, Evolution, and the Diversity of life. (Prerequisite: Teacher recommendation required)

## 11<sup>th</sup> Grade Lab Sciences

- Chemistry A (required): Atoms and Molecules, Ions and Compounds, Mole Concept and Reaction Characteristics, Chemical Equations and Stoichiometry, Reaction e=Energy Relationships, and Solutions and Concentration Units
- Chemistry B (required): K<sub>sp</sub> and Solubility Constants, Acids/Base Relationships, K<sub>a</sub>, K<sub>b</sub> and K<sub>w</sub> Determinations, Chemical Equilibrium, Gases, Behaviors and the Gas Laws, Periodicity, Bonding Types and Differentiation (Prerequisite Chemistry A)

### Chemistry Honors

This is an accelerated chemistry class which will follow the same path as Chemistry A and B with topics covered in more depth. (Two trimester course: prerequisite, teacher recommendation required)

### AP Chemistry

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. The goal is that students will take the AP Exam to receive college credit or placement at the student's college of choice. Students may be able to undertake second-year work in the chemistry sequence at their institution or take courses for which general chemistry is a prerequisite. For other students, this course fulfills the laboratory science requirement and frees time for other courses. (Three trimester course, teacher recommendation required)

## **Senior High Electives**

### What's Eating Us? Honors

This course is a senior high elective aimed at providing a science course relevant to the lives of students. Infectious Disease provides this framework because it affects us all. Infectious disease is particularly relevant because of its continual impact on individuals and society: we can relate to the aches, pains and fever resulting from infections and these experiences can be used to engage students in real-life biology. This course is constructed around five key questions that an informed citizen will want answered in order to understand how infectious disease impacts them. (One trimester course: prerequisite of Biology A and B or Biology Honors, teacher recommendation required)

### Criminalistics:

This one trimester lab course is an introduction to Forensic Science. Forensic Science is the application of the methods and techniques of the basic sciences to legal issues. The goal of this course is to promote the understanding and appreciation of the science behind forensic detection. The basic principles of chemistry, physics and biology will be applied with emphasis on practical applications to the solving of crimes. (One trimester course: prerequisite of Chemistry A and B)

### AP Environmental Science

This course is the equivalent of an introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. (Two trimester course: Prerequisite Biology or Honors Biology A and B, teacher recommendation required)

### Robotics Honors

Students will understand the design of basic robots and build them. Through this course, a basic understanding of DC circuitry will be covered. DC circuitry topics will include power sources, resistors, LEDs, variable resistors, comparators, and motors. Students will learn how to solder components together, use a multimeter, small hand tools and power tools. The history of robotics and their application in the real world will be covered. (One trimester course, prerequisite Algebra 1 or Algebra 1 Honors, teacher recommendation required)

### Human Anatomy Honors

This two trimester course is designed as an introduction to the study of anatomy for those interested in pursuing careers in health care, athletic training and physical therapy. The course involves reading, lecture and lab. We will learn the structure and basic functions of eleven systems of the human body. (Two trimester course; prerequisite of Biology A and B, or Biology Honors; Chemistry A and B or concurrent enrollment in Chemistry, teacher recommendation required)



### AP Physics C: Mechanics

AP Physics C: Mechanics is a calculus-based, college-level physics course. It is especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's Laws of Motion; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. (Three trimester course; prerequisite regular calculus, AP calculus AB, AP calculus BC or concurrent enrollment in any calculus class, teacher recommendation required)

### Astronomy

Astronomy is a lab credit physical science class with emphasis on the identification of stars and constellations; location of celestial objects and physics of the planetary and satellite motion. The evolution and chemical composition of celestial objects and use of a Dobsonian Telescope are also featured topics. The course will have an evening component (2-3 nights required work). (One trimester course, open to juniors and seniors)

## **Medical Magnet Program**

### Medical Terminology Honors

Medical terminology is considered a required science elective and required class for students in the Medical Magnet Program at St. Michael's High School. Students will study the language of medicine and gain an understanding of the basic elements or rules of building and analyzing medical words and medical terms associated with the body as a whole. The course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy, pathology, diagnosis, clinical procedures, and physiology. (One trimester course, open to freshmen through seniors)

### Medical Ethics Honors

Medical Ethics is considered an honors science elective and required class for students in the Medical Magnet Program at St. Michael's High School. Students will explore and study the major ethical issues confronting the practices of medicine and biomedical science in various health care settings. Students will become familiar with legal and institutional positions, consider and debate opposing arguments on various topics, and examine relevant case studies. The course develops philosophical knowledge centered on ethical awareness, ethical knowledge, and skill. Students will be introduced to and challenged by several traditional moral theories. Topics may include: euthanasia, modern fertility interventions, treatment of impaired newborns, mental illness, use of animals in research, professional ethical codes, scarce resources, genetic engineering, inter-cultural issues, economics (ability to pay and insurance), the doctor-patient relationship, truth telling, abortion, medical experimentation, justice and the health care system, and biotechnology. (One trimester course, open to freshmen through seniors)

## **College Readiness**

In this class, the students will have the opportunity to take advantage of thorough test prepping for the ACT and the SAT and be given practice tests on each. The students will also be researching colleges/universities, potential majors, scholarships, college applications, and future life skills. At the completion of this course, each student will be expected to sign up for the ACT to ensure that it is taken before the end of their junior year. (One trimester course, 11<sup>th</sup> grade only)

## **Social Science Department**

### **Junior High Core Courses**

#### New Mexico History 7 (Required)

This required 7<sup>th</sup> grade course includes prehistory through the Pueblo Revolt and Spanish re-conquest. Students explore culture, music, food and map studies of our state. (One trimester course)

#### World Geography 7 (Required)

This course is a tour of continents, including cultural and physical geographical skills. (One trimester course)

#### US History 8 (Required)

Students will study colonial America, the American Revolution, the Constitution, the new nation and government, western expansion, the Civil War and Reconstruction. (Two trimester course)

### US History 8 Honors

In addition to the material described above, this course involves a deeper study of the US Constitution and its application to modern issues. Student will use critical thinking skills to make historic connection and exemplify what it means to be an involved citizen. (Two trimester course; teacher recommendation required)

## **Senior High School Core Courses**

### New Mexico History SH (Required)

This course is a continuation of New Mexico History 7, beginning with the Territorial Period and statehood. (One trimester course, should be taken in 9<sup>th</sup> grade)

### World History 10 (Required)

A study covering ancient civilizations, the Middle Ages and Renaissance, the Revolutionary Period and the Industrial Revolution into the twentieth century. (Two trimester course)

### World History 10 AP

This course develops an understanding of the evolution of global processes and contacts in different types of human societies. Students should be prepared for a fast paced, challenging curriculum. It highlights the nature of changes in global factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence. St. Michael's encourages students to take the World History AP Exam. (Three trimester course; teacher recommendation required)

### US History 11 (Required)

The focus begins with reconstruction and continues through the twentieth century. Students utilize geographical studies and outside readings to supplement their understanding of our nation's history. (Two trimester course)

### US History 11 AP

This course offers the students a broad body of historical knowledge covering the new world beginnings to present day. Students should be prepared for a fast paced, challenging curriculum. During the year, students will use analytical skills and writing to improve their understanding and knowledge of American history. They will also interpret and apply data from original source documents. Through discussions and writings, students will learn to make an assertion and defend it using specific historical information. St. Michael's encourages students to take the U.S. History Advanced Placement exam. (Three trimester course; teacher recommendation required).

### Economics Honors (Required)

A fast paced course that covers topics in Microeconomics, Macroeconomics, and Personal Finance. In addition to being fast paced, this course utilizes a number of real world scenarios and projects to enhance the understanding of Entrepreneurship, Personal Finance and an Individuals Impact on an entire economy. In addition to Economic Principles, students will gain exposure to Marketing, Finance and General Accounting Practices. (One trimester course)

### Government Honors (Required)

This course takes an in-depth look at government, politics, and current events in the US from an analytical perspective. Students should be prepared for a fast-paced challenging curriculum. This course helps the student interpret US politics and become familiar with the various institutions, groups, beliefs and ideas that constitute it. Case studies will be used to analyze the US Constitution and its implementation. (One trimester course; teacher recommendation)

## **Senior High Electives**

### Current Events

This course follows local, state, national, and international events as they occur. Media Literacy and analysis of various sources and active discussion is expected. (One trimester course, open to freshmen through seniors)

### Psychology

This course will explore the scientific study of human and animal behavior. Famous psychologists and studies, infant and child development, the human brain and behavior are studied. The students will be able to analyze psychological theories. (One trimester course; open to freshmen through seniors)

### Disco to iPads: Recent Cultural History

From platform boots to smart phone apps, here's an overview of cultural history 1970s to the 2000s! We'll look at US and world events, music, entertainment, sports, fashion, technology and trends. Go from "Groovy" to "Awesome" to "Sweet" in 12 weeks as we pick up where US history left off. We'll bring you millennium babies up to date! (One trimester, open to freshmen through seniors).

## **Theology Department**

*Each year, every student participates in a mandatory grade level retreat.*

### **Junior High Core Courses (Required)**

#### Theology 7 – One Faith, One Lord/Break Through

*One Faith, One Lord:* This course presents the fundamental beliefs and practices of the Catholic faith. The information is judged to be in conformity with the Catechism of the Catholic Church.

*Break Through:* This course is for young people leaving childhood and entering adolescence. Its special features were created to help make the Bible easier for young people to read and understand. Bible stories, prayers and teachings help to reinforce the students' understanding of their faith. (Two trimester course)

#### Theology 8 – Living the Catholic Faith

This course is divided into two units. The first unit will cover God, Revelation, Jesus and the Holy Spirit. The second unit will include understanding the Liturgy and Sacraments, Christian morality and justice, and prayer. This course is designed to help students make the right decisions by modeling their lives after Christ and to develop an understanding of how the Catholic faith is expressed through the sacred actions of the Church's liturgy. (Two trimester course)

### **Senior High Core Courses (Required)**

#### Theology 9-The Revelation of Jesus Christ in Scripture/Who is Jesus Christ?

The purpose of this course is to give students a general knowledge and appreciation of Sacred Scriptures. Through their study of the Bible they will come to encounter the living word of God, as God revealed Himself in the Old Testament. Following the revelation of God through the Patriarchs and Matriarchs of the Old Testament through the events present in their lives, students will understand God's relationship with His people as He laid the foundation for the coming of the Messiah. Students will also learn the teachings of Jesus in depth through the study of the Gospels and Epistles of the New Testament. They will learn to apply the scriptural teachings to their everyday lives in a modern world. They will also learn to use judgment in making decisions inspired by the Holy Spirit in prayer. Students will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. (Two trimester course)

#### Theology 10-The Mission of Jesus Christ

The purpose of this course is to help students understand all that God has done for us through His Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails. Students will discover that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church. (Two trimester course)

#### Theology 11-Sacraments

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life (One trimester course).

#### Theology 11-Ecumenical and Interreligious Issues

The purpose of this course is to help the students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as the other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, the course is intended to help students to recognize the ways in which important spiritual truths can also be found in non-Catholic Christian Churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them to recognize the ways in which other systems of beliefs and practices differ from the Catholic faith. (One trimester course)

### Theology 12 – Life in Jesus Christ

The overall aims of this senior course are to help the students deepen their personal response to God and to grow in an awareness of themselves as individuals. This will include an in-depth examination of the various lifestyle choices - the single life, married life, religious life, and the priesthood. The students will be given the opportunity to explore and gain methods of coping with the opportunities, challenges, and developmental tasks facing them in young adulthood. (One trimester course)

### Service Learning in Elementary Schools

This course seeks to develop each student's understanding of the social issues of our local and world community through thought, discussion, and action. Students in this course will educate themselves about the crucial issues of our local, national, and world community and discuss potential means of addressing these issues. They will be involved in on-going service projects working with local elementary schools and reflect upon how this service benefits themselves and the broader community. (One trimester course; open to seniors)

### Service Learning in Community

Continuing in the line of our current Service Learning Program, this course will be offering service work in different areas outside of the school setting i.e., St. Elizabeth's, Retirement Homes, animal shelter, etc. (One trimester course; open to seniors)

## **Senior High Elective**

### Campus Ministry

This course will provide students the opportunity to learn more about the rituals and practices of the Catholic Church. Students will learn what is necessary to plan and set up school liturgies, prayer services, and retreats. They will study the Order and Rubrics of the Mass, different styles of prayer, the seasons of the Church, how to set up "sacred space," and ways to design successful retreats. Their work over the course of the semester will be shared with the entire student body in the form of our liturgies, prayer services, and retreats. (One trimester course; open to sophomores, juniors and seniors; may be repeated once for credit)