

# HOLY FAMILY CATHOLIC HIGH SCHOOL

## COURSE DESCRIPTION HANDBOOK

2010-2011

## VISION STATEMENT

Holy Family Catholic High School is an Archdiocesan co-educational Catholic high school inspired by the Lasallian tradition and educating students to pursue truth and justice, to mature in faith, knowledge and wisdom, and to develop their full potential.

## MISSION STATEMENT

Holy Family Catholic High School offers students excellence in education by providing opportunities to grow spiritually, morally, intellectually and physically within a community of faith. We empower and encourage our students to achieve personal excellence, to use their talents to lead, to serve God, one another and the larger community.

## VALUES

- Catholic beliefs, values and tradition are central to the Holy Family Catholic High School experience.
- Holy Family Catholic High School promotes and encourages the core values of faith, integrity, leadership, scholarship and service in our students.
- Holy Family Catholic High School provides excellence in academic programming and teaching.
- Holy Family Catholic High School is a community that treats each person with dignity and respect and recognizes everybody for their unique contributions to our community.
- Holy Family Catholic High School provides opportunities for students to develop as leaders and to embrace an obligation to serve one another and the larger community.
- Holy Family Catholic High School recognizes the importance of the arts and athletics in contributing to personal and spiritual growth and is committed to providing quality curricular, co-curricular and extra-curricular programs.
- All members of the Holy Family Catholic High School community – students, teachers, staff, and administrators – play important roles in creating a caring and safe environment for the attainment of our goals.

## Planning Your Program

The master schedule is constructed each year based upon the number of requests for each course. Therefore, you are asked to make careful decisions about the courses you choose as enrollment may be limited if you change your mind.

Holy Family Catholic High School reserves the right to cancel any course listed in this handbook.

Changes initiated by students will be considered, but not guaranteed, throughout the summer and during the first 2 weeks of each semester. Parents must approve requests in writing. **A \$20.00 fee is also required for every request that requires more than a simple drop after June 5, 2009.** The fee will be returned if the change cannot be made because of schedule conflicts. Teachers may suggest changes based upon misplacement at any time. When approved by parents, these interventions will be attempted at no cost.

## Graduation Requirements

A Holy Family Catholic High School student will be awarded a diploma when 25 credits have been earned. Of these credits, 21 are required courses\* and 4 are electives.

1. Four in Theology: Scripture, Christian Morality, Sacraments, Ecclesiology, Social Justice, and Christian Leadership required.
2. Four in English: World Literature, American Literature, Writing I, II, III required.
3. One-half credit in Speech required.
4. Three in Social Studies: World History & Geography, American History, and Government required.
5. Three in lab science: Biology and Chemistry required
6. Three in Mathematics: Algebra I, Geometry, Algebra II required.
7. One-half credit in Health required.
8. One credit in Physical Education: Freshman and sophomore years suggested.
9. One credit in technology.
10. One credit in Fine Arts: .5 credit (Art History) is embedded in Integrated Studies (freshman and Junior years combined).
11. At least two credits of a world language are *highly* recommended.

## Theology Curriculum

The Theology Department, in conjunction with Campus Ministry, plays a central role in the school's mission of incorporating Catholic doctrine and tradition with the academic and spiritual development of each student. The courses required of freshmen, sophomores, and juniors provide a solid foundation in the Catholic theological tradition.

Leadership is one of the core values of Holy Family Catholic High School and, through its curriculum; the Theology Department is committed to the school's mission of shaping Christian leaders. It is the department's hope that leadership, informed by Catholic theology, will affect student involvement in Lasallian Youth, Student Council, athletic teams, and all activities (inside and outside of school) in which our students participate.

The formation of Christian leaders is heightened with the senior Christian leadership requirement. During their senior year, students have two options: the one-semester **Senior Leadership** class plus a semester of **World Religions** or **Prayer and Spirituality** or apply for the year-long **Senior Leadership/Advanced Service Learning** class. Both choices emphasize the study of leadership models and principles, and provide opportunities for seniors to utilize their leadership skills in the context of helping to build the kingdom of God on earth. The **Senior Leadership/Advanced Service Learning** class, however, is limited to one section and demands a large time commitment outside of the classroom. Therefore, enrollment in this course occurs through an application process.

### **011/012 Sacred Scripture**

**9<sup>th</sup> Grade**

**1 credit**

This is a two-semester course required of all freshmen. Using the Bible as the primary text, students will learn the fundamental tools of Catholic scripture study. These tools will be employed in each student's academic and personal interpretation of God's Word. The study of Sacred Scripture will be integrated into the explorations of **World History** and **World Literature**.

### **013 Christian Morality**

**10<sup>th</sup> Grade**

**.5 credit**

This is a semester course required of all sophomores. Students will study the connection between what one believes and how one lives, between the Christian faith and the Christian moral life. Students will learn the basic principles of the Catholic moral tradition and how these can be applied to life situations.

### **014 Sacraments and Liturgy**

**10<sup>th</sup> Grade**

**.5 credit**

This semester course is required of all sophomores. Topics to be studied include sacramental awareness, Jesus as the sacrament of God, the Church as the sacrament of Jesus, the seven sacraments of the Catholic Church in their liturgical context, with special attention given to understanding Catholic worship (particularly the Mass) and liturgical practice.

### **020 Ecclesiology**

**11<sup>th</sup> Grade**

**.5 credit**

This is a required semester course for juniors. What is the Church? What does it mean to be Catholic? This course explores these questions and more by studying the Church's nature and mission in the context of its history and doctrines. Special emphasis will be placed on the significance of the Second Vatican Council and the sacramental nature of the Church with certain lessons and projects integrating the ecclesiology of the Catholic Church in the United States with these classes: **United States History** and **American Literature**.

**021 Catholic Social Teaching****11<sup>th</sup> Grade****.5 credit**

This is a semester course required of all juniors. This course calls juniors to become aware of justice issues in our world. Students will examine Church documents and use the principles of Catholic Social Teaching to analyze life issues, prejudice, racism, poverty, homelessness, violence, peace, and environmental concerns. Our faith calls us to respond to these issues and to take action in order to build God’s kingdom on earth. Students will be engaged in a service learning project throughout the semester, which will put them in contact with people in need. Through their work, students will be able to practice the “two feet” of Catholic Social Teaching by doing acts of charity and working for social change.

**026 World Religions****12<sup>th</sup> Grade****.5 credit**

This is a one-semester course offered to seniors as an elective. Religion plays a vital role in the political, business, and social policies of the world. As the world grows smaller, there is a vital need to have an understanding and appreciation for the various religious beliefs and practices that exist among our global community. In addition, the study of different religious faiths helps us to understand and appreciate our own faith. In this course, students will examine the elements that are common to all religions and will focus attention primarily on the beliefs and religious practices/customs of the world’s major non-Christian religions such as Hinduism, Buddhism, and Islam.

**030 Prayer and Spirituality****12<sup>th</sup> Grade****.5 credit**

This is a one-semester course offered to seniors as an elective. Without prayer, a person may *know of* God, but only through prayer can a person actually *know* God. But how should we pray? Is there more to prayer than what we presently experience? What does it mean to be spiritual? How is spirituality similar to and/or different from religion? Students will explore these and other questions through studying the spiritual traditions of Catholic Christianity. Besides regular reading, essays, and tests, students will keep a prayer journal throughout the semester to aid their

practice of daily prayer. The class will experience various types of prayer and meditation including Lectio Divina, Liturgy of the Hours, and Eucharistic Adoration. This class provides an opportunity for students to grow in knowledge of the Christian Tradition and to develop a prayer life that nurtures spirituality and deepens the relationship with God.

**043 Senior Leadership****12<sup>th</sup> Grade****.5 credit**

This one-semester course is one of two senior electives that fulfill the senior Christian leadership requirement. In this course, students will explore their roles as leaders at Holy Family and beyond by studying various models and characteristics of leadership. Focusing primarily on the servant leadership model of Jesus, other topics include: vocation, social justice, paschal mystery, and spirituality. Seniors will participate in the *StrengthsQuest* program in addition to other opportunities for self-discovery, goal-setting, post-secondary decisions, and career discernment.

**046/ Senior Leadership and****047 Advanced Service Learning****12<sup>th</sup> Grade****1 credit**

This year-long course is one of two senior electives that fulfill the senior Christian leadership requirement. It combines the understanding of leadership skills and expectations with putting servant leadership into regular action. Members of this single-section class will be responsible for planning and daily convocation, retreats for the school and wider community, prayer services, Masses, and other special events throughout the school year. Students will be selected based on an application process that includes writing a personal essay and submitting two teacher recommendations. Criteria for selection will include, but not be limited to: promotion by example the ideals of Jesus Christ, a desire to deepen and share one’s faith, evidence of service involvement in the Holy Family or larger community, ability to balance academic and other commitments with those of this course, proof of self-sufficiency, resilience, motivation, and critical thinking. There will be a purposeful attempt to enroll a broad base of students with a variety of interests, as this group will be serving the entire student body.

## English Curriculum

Courses in the English department are designed to:

- Develop each student's reading skills
- Encourage interest in reading as a both research and leisure activity
- Introduce students to a variety of writing styles and authors
- Hone students' listening skills
- Encourage confident and well-organized speakers and writers
- Develop students' analysis and synthesis skills

### **101/102 World Literature/Writing I** **9<sup>th</sup> Grade** **1 credit**

This is a yearlong course taught in an integrated fashion with **Sacred Scripture** and **World History**. Emphasis is placed on archetypes, genres, and different literary devices used to create each unique piece of writing. Writing skills cover sentence structure, paragraph development, and common grammar and punctuation problems. Creative writing, literary analysis, art analysis, and research writing, along with other writing styles, are explored. **Students are expected to purchase their own vocabulary workbooks from the School Store for this course.**

### **109 Speech** **9<sup>th</sup>-12<sup>th</sup> Grade** **.5 credit**

This semester course is designed to give students opportunities to explore and practice different rhetorical styles. Types of speeches include: informative, demonstration, persuasive, oral interpretation, impromptu, group presentation, and special occasion.

### **111/112 Contemporary Issues in Literature/ Writing II** **10<sup>th</sup> Grade** **1 credit**

This yearlong course will provide opportunities to build on the reading and writing skills learned in **World Literature**. The selections, both non-fiction and fiction, will focus on current issues and will include topics such as the challenge of change, the search for identity, appearance versus reality, and the lessons of history. Vocabulary improvement will be a significant part of this course. **Students are expected to purchase their own vocabulary workbooks from the School Store for this course.**

### **113/114 Honors British Literature/ Advanced Writing II** **10<sup>th</sup> Grade** **1 credit**

This is a full year course recommended for students with strong writing and reading comprehension skills. It is an essential class for students who wish to qualify for **Advanced Placement English** in their senior year. Challenging reading, writing, presentation, and critical analysis assignments will be important aspects of the course. A research project and presentation will be required for successful completion of this course. Challenging vocabulary development will also be provided. **Students are expected to purchase their own vocabulary workbooks from the School Store for this course.** Written teacher approval is required for students who wish to enroll in this class and earned less than a "B" in English in freshman year.

### **120/121 American Literature/ Writing III** **11<sup>th</sup> Grade** **1 credit**

This is a yearlong course integrated with **United States History** and **Ecclesiology** to provide a chronological perspective of the important themes in America's history. Vocabulary study is a significant aspect of this course, as is developing the critical essay. A research paper will be required in order to complete the course. **Students are expected to purchase their own vocabulary workbooks from the School Store for this course.**

**122/123 Honors American Literature/  
Advanced Writing III  
11<sup>th</sup> Grade 1 credit**

This challenging course highlights the relationships among ecclesiology, United States history and American literature. Sophisticated vocabulary development will be emphasized. Students will hone their writing skills to meet college expectations. This is an integral course for those students who wish to take **Advanced Placement English** next year. **Students are expected to purchase their own vocabulary workbooks from the School Store for this course.** Written teacher approval is required for students who wish to enroll in this course and have earned less than a “B” in sophomore English.

**124 Modern Literature  
12<sup>th</sup> Grade .5 credit**

The major themes of the twentieth century will be explored through literary forms from around the world. The varied selections will demonstrate how literature reflects important issues of the modern world. Students will be expected to engage in critical analysis in oral and written forms as demonstrations of their understanding of the works they study. **Students are required to purchase their own vocabulary workbooks from the School Store for this course.**

**125 Creative Writing  
11<sup>th</sup>-12<sup>th</sup> Grade .5 credit**

Through the opportunity to develop imaginative writing selections, students will improve their writing skills in the areas of clarity, description, grammar, and usage. Students must be able to function independently in a lab situation and collaboratively as peer critics.

**126 College Writing  
12<sup>th</sup> Grade .5 credit**

Students who wish to refine their writing skills in preparation for college expectations will find such an opportunity in this course. Assignments will focus on developing a strong vocabulary, practicing writing processes, refining writing skills, and producing a variety of typical college writing assignments. **Students are expected to purchase their own vocabulary workbooks from the School Store for this course.**

**127/128 AP English  
12<sup>th</sup> Grade 1 credit**

This course explores four interconnected facets of reading and writing about literature: close reading and analysis of drama, prose, and novels; short and long writing assignments worked and reworked to a polished state indicative of collegiate level literary exposition; contemplation and exploration of the texts in a personal, reflective manner; and engagement in and discussion of these same texts in a group format. This is an enjoyable and rigorous year-long exploration and honing of the skills detailed in the *AP English Literature and Composition Course Description*. The course may not change your life entirely, but it will deeply impact the way you read, write, and think about the connection between literature, culture, and life.

**129 Dramatic Literature  
12<sup>th</sup> Grade .5 credit**

This one semester course will explore the genre of drama through reading plays and viewing productions. The selections will range from ancient Greek tragedies to modern comedies. Students will be expected to analyze form, theme, content, and other aspects of each piece both orally and in written format.

**150 Independent Classical Reading  
9<sup>th</sup>-12<sup>th</sup> Grade .5 credit**

This is an independent elective that can be accomplished outside of the classroom during a student’s high school years at Holy Family Catholic High School. Students are responsible for reading, discussing and writing about 25 works of literature. Selections are made from an approved list. This course can be started at any time. Interested students must register their desire to begin the program with the principal. There is no penalty for not completing the 25 works. *This class does not qualify as one of the required English credits.*

## Mathematics Curriculum

The mathematics department of Holy Family Catholic High School serves the needs of all students. This means preparing students for the pursuit of science and math beyond high school as well as developing necessary life skills. Students will be expected to use mathematics as a tool to learn the reasoning skills to look beyond the surface of a situation in order to see the realities and assumptions that lie beneath. Additionally, in a world in which technology is an integral yet often abused part of our lives, students will be taught appropriate and ethical use of such advances.

### Mathematics Department

*Successful completion of Algebra II and three credits of mathematics are required for graduation.*

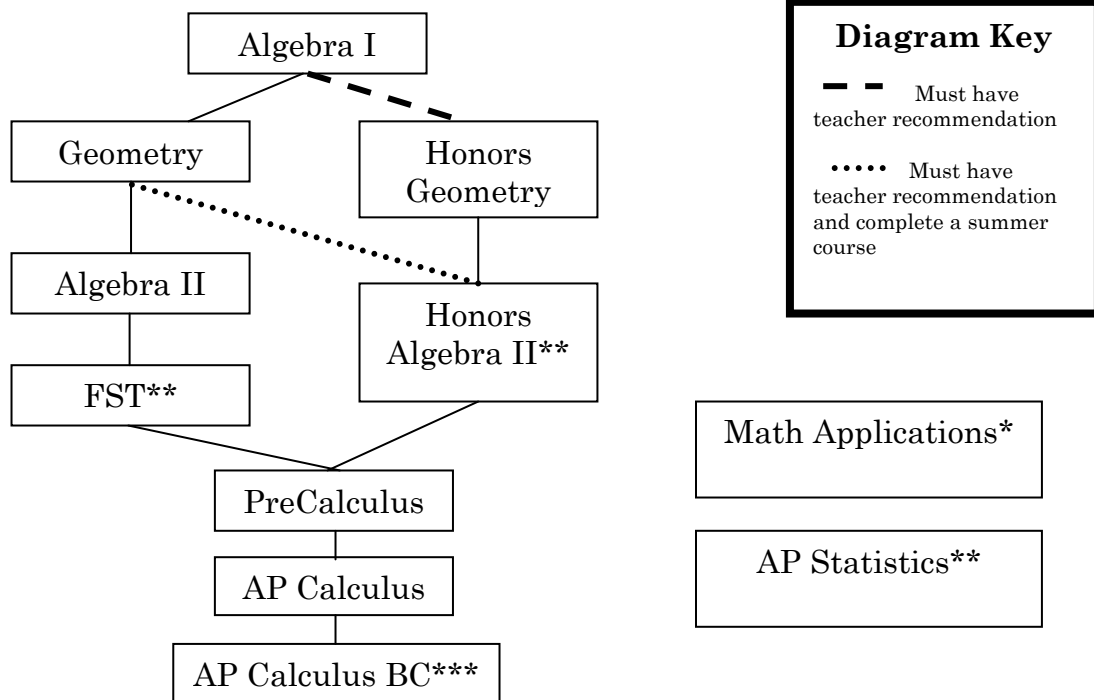
Students enter Holy Family Catholic High School with diverse mathematic backgrounds. Consequently, we offer a variety of courses to meet the needs of all our students. Freshmen have a number of options when starting Holy Family Catholic High School.

\*Freshmen who would like to take a course other than **Algebra I** must pass a placement test given in the spring and have appropriate course work prior to high school.

\*\*AP Statistics can be taken any time after successful completion of **Honors Algebra II** or **Functions, Statistics, and Trigonometry**.

\*\*\*AP Calculus BC may be taken during the same academic year as AP Calculus I.

All students will need TI-83+ or TI-84+ graphing calculators. (AP Calculus I and II may have TI-89)



**203/204 Algebra I** **1 credit**

Algebra I will cover writing, graphing, and solving linear, quadratic, and absolute value equations and inequalities. Additionally, the class will include the topics of exponents, polynomials, and factoring.

**211/212 Geometry** **1 credit**

Prerequisite: **Algebra I** at Holy Family or qualifying score on summer Math Placement Test I.

**Geometry** will cover topics of reasoning skills, constructions, line and angle conjectures, linear equations, properties of triangles, polygon and circle properties, area, volume, surface area, introduction to trigonometry, Pythagorean Theorem, and similarity in a hands-on discovery approach. The course also continues to review and practice topics from **Algebra I**.

**213/214 Honors Geometry** **1 credit**

Prerequisite: "A" or "B" in **Algebra I** at Holy Family or qualifying score on the Math Placement Test I.

This is a fast-paced course with a blend of discovery and proof-driven approaches to the material. The topics covered in **Honors Geometry** will be addressed from this integration of approaches so that not only will students understand many types of proofs, but they will also be able to create many types of proofs in order to draw conclusions. Elementary probability will be introduced.

**221/222 Algebra II** **1 credit**

Prerequisite: **Geometry** at Holy Family or qualifying score on the Math Placement Test II.

**Algebra II** continues the work begun in **Algebra I**. Topics such as linear and quadratic equations, functions, radicals, and polynomials will be explored further. In addition, basic trigonometry, exponential functions, and logarithmic functions will be covered. Elementary probability will be introduced in this course. Students will also be exposed to Excel.

**223/224 Honors Algebra II** **1 credit**

Prerequisite: **Honors Geometry** at Holy Family **or Geometry or Accelerated Geometry** at Holy Family with teacher recommendation and completion of a summer course, **or** qualifying score on the Math Placement Test II.

All of the topics of **Algebra II** will be covered, although they will be studied in more detail and at a faster pace. Additional topics include: introductory trigonometry and elementary statistics in preparation for **PreCalculus**.

**226/227 Functions, Statistics, and Trigonometry** **1 credit**

Prerequisite: **Algebra II**. A "C" or higher in **Algebra II** is highly recommended.

This is a full-year course that covers functions and their properties, trigonometry and its applications, and fundamental probability and statistics. Covered topics include: reasoning skills, right triangle ratios, the six trigonometric functions, identities, vectors, and inverse trigonometric functions.

**231/232 PreCalculus** **1 credit**

Prerequisite: **Honors Algebra II** or **Functions, Statistics, and Trigonometry**

**PreCalculus** is a challenging year course that prepares students to take college level calculus.. The primary topics include: functions, trigonometry (with application and identities), and abstract thinking.

**233/234 AP Calculus I** **1 credit**

Prerequisite: **PreCalculus**

**Advanced Placement Calculus** is a college level course. Topics will include further work with limits, derivatives, and integration with considerable focus on applications. Students passing the **AP Calculus AB** exam in spring may earn college credit and/or advanced standing at their chosen post-secondary institutions.

**239 AP Calculus BC .5 credit**

*Prerequisite: AP Calculus or current enrollment in AP Calculus with teacher recommendation.*

**Advanced Placement Calculus BC** is a semester-long college level course. Topics include parametric, polar and vector equations, integral applications, polynomial approximations, and the use of series including the Taylor and Maclauran series. Students passing the **AP Calculus BC** exam in spring may earn college credit and/or advanced standing at their chosen post-secondary institutions.

**240/241 AP Statistics 1 credit**

*Prerequisite: Honors Algebra II or FST.*

**Advanced Placement Statistics** is a college level course in probability and statistics. Topics include elementary probability, binomial probability, hypothesis testing, regression and correlation, normal distributions, Chi-Squared and F distributions. A passing score on the AP exam in spring may result in advanced standing and/or college credits.

**246/247 Math Applications 1 credit**

*Prerequisite: Algebra II*

In this year-long project-based course, students will review and reinforce concepts in general math applications while expanding their knowledge base. The course is designed as an option for seniors who do not need advanced math courses after they graduate but would like to have a fourth math class. Mathematical concepts will be applied in a variety of collaborative projects using real-world data and situations. Students will develop problem-solving skills and an understanding of the importance of mathematics.

## Science Curriculum

Coursework within the Science Department is designed to meet the following goals:

1. To help students acquire a robust understanding of the content within the particular discipline under study.
2. To help students acquire the process skills of practicing scientists, including observation, data collection and analysis, formation of data based conclusions, and the mathematical manipulation of data.
3. To help students acquire an understanding of how science works – including an awareness of the limits of science.
4. To help students acquire an understanding of current issues, especially environmental issues within the particular discipline being studied.

**All science students should have a simple scientific calculator.**

### **302/303 Biology**

**9<sup>th</sup> Grade**

**1 credit**

Through lecture, individual and small group activities, and laboratory activities, students will acquire an understanding of the major concepts of biology, including the nature and practice of science, the cell theory and basic cell functions, photosynthesis, respiration and other cycles, and genetics and biotechnology. In addition, two major themes, environmental stewardship and evolutionary theory will permeate the aforementioned content.

Fundamental academic skills will be explicitly taught and will include note taking, strategies for effective test preparation, memorization strategies, and methods for extracting information from science texts, other books, and articles. Students will be required to type a two-page paper on a topic designated by the instructor.

Students will be given multiple opportunities to practice the skills used by scientists. These skills include making observations, organizing data, and drawing databased conclusions.

### **328/329 AP Biology**

**11<sup>th</sup>-12<sup>th</sup>**

**1 credit**

*Prerequisites: successful completion of **Biology and Chemistry** or **Honors Chemistry**.*

Through varied approaches and activities, students will be prepared to take the Advanced Placement Biology exam in spring. **AP Biology** is a college level course. Therefore, students are expected to have mature academic skills. Lecture content and laboratory work will be challenging.

### **322/323 Chemistry**

**10<sup>th</sup> – 11<sup>th</sup> Grades**

**1 credit**

*Prerequisite: **Biology***

Through lecture, individual, small group, and laboratory activities, students will acquire an understanding of the key concepts of chemistry, including principles of measurement, the atomic theory, basic quantum theory, chemical equations, mole calculations, gas laws, stoichiometry, solutions chemistry (including units of concentration), nuclear chemistry, and basic organic chemistry.

Note-taking skills, tools for effective test preparation, strategies for solving word problems using algebra, and methods of extracting information from science resources will be emphasized.

Students will be given multiple opportunities to practice the skills used by scientists. These skills include observation, organization of data, graph construction and interpretation, mathematical manipulation of data, mathematical evaluation of data, and the drawing of databased conclusions. A short, typed paper will be required for successful completion of the course.

### **324/325 Honors Chemistry**

**10<sup>th</sup> Grade**

**1 credit**

*Prerequisite: **Biology***

This challenging level of chemistry is structured to cover key concepts faster, in greater depth and with mathematical rigor. It includes the use of physical, graphical, and mathematical models. As a result, strong algebra skills are required.

**326/327 AP Chemistry****11<sup>th</sup>-12<sup>th</sup> Grade****1 credit**

*Prerequisite: Successful completion of **Chemistry** or **Honors Chemistry***

Through a variety of approaches, students will be prepared to take the Advanced Placement Chemistry test given each spring.

**AP Chemistry** is comparative to an introductory college chemistry course. Students enrolled in this course will be expected to have mastered a wide range of academic skills including algebra. This course meets for one and a half periods.

**346/347 Physics****11<sup>th</sup>-12<sup>th</sup> Grade****1 credit**

*Prerequisites: **Chemistry** or **Honors Chemistry** plus a grade of "C" or better in **Algebra I**.*

Through lecture, individual, small group, and laboratory activities, students will learn the key concepts of physics; for example, kinematics, Newton's laws, energy, momentum, gravitation, waves, and electricity.

Students will acquire their understanding of concepts through lab investigations, small group activities and projects, classroom problem-solving, and instructor presentations and demonstrations. Oral presentations and oral lab reports will be done and some formal lab reports will also be required.

**344/345 AP Physics B****11<sup>th</sup>-12<sup>th</sup> Grade****1 credit**

*Prerequisites: **Chemistry** or **Honors Chemistry** plus above average capabilities in **Algebra I**.*

Through a variety of approaches, students will be prepared to take the **Advanced Placement Physics** exam in spring.

**AP Physics** is comparable to a college physics class in its use of algebra and trigonometry. Students must be fluent in the use of algebra. Students enrolled are expected to have a wide range of academic skills. Both the lecture content and lab work will be sophisticated. *The AP College Board recommends a year of **Physics** before enrolling in this course.* However, 80% of the students in the United States take **AP Physics B** as a first-year physics course.

**AP Physics B** meets for one and a half periods.

**350/351 Earth Science****10<sup>th</sup>-12<sup>th</sup> Grade****1 credit**

*Prerequisite: **Biology and Chemistry** or **Honors Chemistry**.*

Through lecture, individual, small group, and laboratory activities, students will gain an understanding of the major concepts of earth science, including the rock cycle, plate tectonics, characteristics and classification of rocks, minerals, and soils, crystal formation and growth, gems, glacial and wind erosion and deposition, topography, volcanism, historical geology, meteorology, oceanography, astronomy (including comparative planetology and cosmology), petrology, and environmental stewardship.

Students will be required to develop sets of dichotomous keys to use to identify rocks and minerals. These keys will be tested, refined, and used for at least two performance-based tests.

**352/353 Environmental Science****11<sup>th</sup>-12<sup>th</sup> Grades****1 credit**

*Prerequisite: **Chemistry** or **Honors Chemistry***

**Environmental Science** is interdisciplinary: it embraces a wide variety of topics from different areas of student. Several major themes cut across these many topics. These themes provide a foundation for the structure of this course: science as process, energy conservation in ecological processes, Earth as one interconnected system, human influence on natural systems, cultural and social context of environmental issues, and sustainable systems. Students will study these topics through lecture, individual and group activities, and laboratory activities. At least one formal report will be required for successful completion of the course. Participation in class discussions and activities is vital.

## Physical Education: Health and Wellness

Two semesters of physical education are required for graduation and recommended during freshman and sophomore years. Students may, however, take additional credits in this area if their schedules allow. There is flexibility for four-year music students whose schedules may make it impossible to complete the physical education requirements in two semester-long classes.

**414 Mens Fitness, Conditioning,  
& Strength .5 credit**  
**415 Womens Fitness, Conditioning,  
& Strength .5 credit**

**FCS** is a one-semester course designed for students who are interested in fitness activities as well as individual strength and conditioning programs. Students will broaden their knowledge of strength training principals and incorporate them into their own individualized programs. Students will learn the proper techniques, safety, and correct lifting forms for all exercise movements, major muscle groups, sports related injuries, and the basics of nutrition. Other activities that will be stressed throughout the course are cardio-respiratory fitness, flexibility, power, plyometrics, circuit training, muscular strength, and endurance exercises. This class may be taken more than once.

**418 Womens Physical Education I .5 credit**  
**419 Mens Physical Education I .5 credit**

**Physical Education I** is offered to 9<sup>th</sup> – 12<sup>th</sup> grade students and focuses on cooperative team games such as football, soccer, handball, badminton, tennis, volleyball, pickleball, rugby, basketball, and floor hockey. Three days of the week students participate in one of the above units and focus on conditioning the remaining two days in order to improve their overall fitness levels. Students will be tested on their fitness levels at the beginning and end of each semester. This testing is intended to help students be more aware of their current fitness levels and identify what they can do to lead healthy lifestyles.

**422 Womens Physical Education II .5 credit**  
**423 Mens Physical Education II .5 credit**

**Physical Education II** is offered to 10<sup>th</sup>-12<sup>th</sup> grade students and focuses on recreational skills and activities such as orienteering/survival skills, dance, Frisbee golf, ultimate Frisbee, bocce ball, tennis, golf, self-defense, first aid/personal care, and weight training. In addition to the aforementioned units, students will be tested on different health related components of fitness such as muscular strength, muscular endurance, flexibility, and cardio-respiratory endurance.

**421 Health .5 credit**  
**10<sup>th</sup>-12<sup>th</sup> Grades**

This required semester course encourages students to accept personal responsibility for attaining and maintaining a healthy and independent lifestyle. Students will learn information that relates to all aspects of health such as stress management, goal setting, decision making, mental disorders, reproduction, sexually transmitted diseases, substance abuse, fitness, nutrition, and CPR/first aid.

## Social Studies Curriculum

### **501/502 World History & Geography**

**9<sup>th</sup> Grade**

**1 credit**

**World History** is a required yearlong course integrated with **World Literature** and **Sacred Scripture**. Students will trace human history from the beginnings of agriculture and settled life to the time of the First World War. This is a true world history course, including information on civilizations in China, India, Africa, and the Americas as well as Europe and Western Asia. **World History and Geography** incorporates concepts and themes from literature and theology, and includes the study of geography, culture, government, and technology. This course places a special emphasis on geography with map identification incorporated into the curriculum.

### **511 American Government**

**10<sup>th</sup> Grade**

**.5 credit**

**American Government** is a required social studies course that may be taken in semester or Advanced Placement form. In this semester format, students will learn about the powers and responsibilities of the three branches of national U.S. government, as well as the general workings of basic political systems. They will also explore federal and state divisions of power, U.S. political parties, and American civil liberties. Students will become informed citizens through this class. To this end, students will be required to attend a political meeting outside of the classroom and write a reaction to it.

### **512/513 AP Government and Politics**

**10<sup>th</sup> – 12<sup>th</sup> Grade**

**1 credit**

**Advanced Placement Government and Politics** is a yearlong college-level course designed to give students an analytical perspective on government and politics in the United States. Students will hone critical thinking and advanced writing skills in preparation for college-level reading assignments and challenging examinations, as they cover all major characteristics and operations of the U.S. government in fine detail. Those who perform well on the Advanced Placement exam in the spring may receive college credit and/or advanced standings at

most colleges and universities. This course has required reading and writing assignments that must be completed over the summer. The nightly homework assignments are in line with College Board requirements for AP courses.

### **520/521 United States History**

**11<sup>th</sup> Grade**

**1 credit**

**United States History** is a required course for juniors. The requirement, however, may be fulfilled through an Advanced Placement approach (see below). The year's study in **520/521** will combine a thematic and chronological approach to events and issues facing the United States from the 1600's to the present time. This course is designed to give students an understanding of our evolving democracy and knowledge of our past through basic themes in U.S. history and integration with **American Literature** and **Ecclesiology**.

### **524/525 AP U.S. History**

**11<sup>th</sup> -12<sup>th</sup> Grades**

**1 credit**

**Advanced Placement United States History** is a full-year college level course. Students taking this course must be prepared to engage in critical thinking, synthesize materials, have good writing skills, and be prepared to examine and analyze original documents from the American past. This course is designed to help students come to a profound understanding of the major issues and conflicts that have shaped our nation into what it is today. Students who do well on the **Advanced Placement U.S. History** exam in spring will receive college credit and/or advanced standing from colleges and universities participating in the AP program. **AP U.S. History** has required reading and writing assignments that must be completed over the summer. The nightly homework assignments are in line with College Board requirements for AP courses.

### **527 Economics and Personal Finance**

**10<sup>th</sup>-12<sup>th</sup> Grades**

**.5 credit**

*Prerequisite: World History*

**Economics and Personal Finance** is a one-semester elective class open to all students who have completed **World History**. Students will study economic decision-making at the personal, corporate, and governmental levels, and will gain practical skills such as completing a tax return, preparing a household budget and managing a checking account, line of credit, and investment portfolio.

**529 Sociology**  
**11<sup>th</sup>-12<sup>th</sup> Grades** **.5 credit**

*Prerequisite: World History*

**Sociology** is an elective, semester course for mature students. Students will examine the fundamental rules of human societies, including how they create and sustain themselves, how they change, and how social values produce a society's institutions. The course will also include a sociological examination of the modern United States.

**532 Psychology**  
**10<sup>th</sup>-12<sup>th</sup> Grades** **.5 credit**

*Prerequisite: World History*

Why do people behave the way they do?

**Psychology** is a one-semester elective course designed to answer this question. Historical and contemporary beliefs in psychology will be addressed. A major focus of the course will be child and teen development, the central nervous system, and psychological disorders. Students will actively investigate their own learning processes and personality characteristics.

**540/541 AP European History**  
**12<sup>th</sup> Grade** **1 credit**

*Prerequisite: World History and U. S. History*

This yearlong course will examine in detail historical developments in Europe between the Dark Ages following the fall of the Roman Empire and the Cold War following World War II. Background reading during the summer is required. Students will be expected to write full-length research papers and do college level reading assignments as well as take tests based on the format of the **AP European History** exam given in May. These tests will include analysis of primary source documents as well as full-length essay questions requiring critical thinking and analysis of historical trends. Students who do well on the spring exam may receive college credit. This course has required reading and writing assignments that must be completed over the summer. The nightly homework assignments are in line with College Board requirements for AP courses.

## Technology Education Curriculum

The philosophy of the Computer Science Department is to prepare students to function capably and ethically in a highly technological and, therefore, ever-changing society. Emphasis is on fundamental principals and applications. A wide variety of software programs are utilized, affording students the skills they need to address their needs successfully today and in the future. Courses are designed to serve students with differing abilities, interests, and goals.

### **600 Introductory Keyboarding** All Grades .5 credit

This course is designed for students who do not know how to type or cannot type without looking at their fingers. Emphasis is on learning the keyboard, correct spacing, and punctuation techniques, plus being introduced to the function keys and commands using the latest Microsoft Word 2000. Computer operating techniques, skill development, basic formatting of reports, personal correspondence, and proofreading skills will be introduced. The keyboarding goal will be to attain the minimum speed of 30 words per minute with 5 or fewer errors in 2-minute timings.

### **604 Advanced Keyboarding** All Grades .5 credit

*Prerequisite: **Keyboarding** or 30 WPM.*

This course is designed for students who can type a minimum of 30 words per minute without looking at their fingers. Emphasis will be on improving speed and accuracy. Advanced formatting of reports requiring title pages, bibliographies, footnotes, etc., will be covered along with more complex merge and table projects. Advanced formatting of business and personal correspondence and memorandums is also covered.

### **611 Computer Applications** All Grades .5 credit

This course is designed for students to acquire the knowledge of how to use the following software programs: Microsoft Word, Microsoft Excel and Microsoft PowerPoint. The course is project-based and students will have the opportunity not only to complete course assignments but apply their knowledge and skills to assignments from their other Holy Family Catholic High School classes.

### **612 Computer Applications II** All Grades .5 credit

*Prerequisite: **Computer Applications***

The material covered in this semester course will enhance the topics and software covered in **Computer Applications**. It is an in-depth coverage of *Microsoft Word, Microsoft Publisher, Microsoft Access, Microsoft Excel, and Microsoft PowerPoint*. The course is project-based, many of which will be completed using the Internet.

### **619 Visual Design and Communication** All Grades .5 credit

The goal of this one-semester course is to expose students to visual design concepts including fundamentals of design, design theory and methodology, creative thinking, and basic project management. Students will apply these concepts to practical projects involving publications, basic web design, image and text, and basic visualization techniques, using a variety of current technologies to communicate ideas. Some computer experience is helpful, but not necessary.

### **628 Video Production I** All Grades .5 credit

Students in this first-semester course will be exposed to various aspects of video production in a cooperative crew setting in which they will gain hands-on knowledge and develop media skills through in-class, studio and field activities, in addition to live webcasting. Processes covered in class include pre-production planning, shooting, basic lighting techniques, sound, editing, and live production. Students will be exposed both to technical and artistic concerns as well as theories of expression, interpretation, and critical analysis of moving images

628 description continued

throughout our society. Students will be required to perform duties outside of class for Holy Family's web cast FIRE LIVE! This course may be taken for art or technology credit. Identify preference on the class registration form.

### **629 Video Production II**

All Grades

.5 credit

*Prerequisite: Video Production I or permission of instructor.*

This second-semester course builds off the knowledge base students acquire in **Video Production I**, both conceptually and in terms of skill development. Though some projects may be group efforts, **Video II** emphasizes independent inquiry. Students will explore their personal creative vision and expression through a more sophisticated use of cameras, editing tools, sound, and light. Students will also develop a better understanding of the use of moving images through a greater focus on artistic theories and analysis. Students will be required to perform duties outside of class for Holy Family's web cast FIRE LIVE! This course may be taken for art or technology credit. Identify preference on the class registration form.

### **632 Introduction to Programming**

All Grades

.5 credit

*Prerequisite: Successful completion of Algebra I*

This is a one-semester, project-oriented course designed to introduce students to programming. Topics include some of the fundamental concepts behind programming such as binary numbers, program design, conditionals, user interfaces, control structures, graphics, and file-based data storage. Many concepts will be introduced through the design of simple games.

### **639 Internet and Webpage Design**

All Grades

.5 credit

*Prerequisite: Successful completion of Algebra I*

The primary focus of this one-semester class will be on website design, using both web page editing software and direct html coding. Students will design pages utilizing everything from simple text, pictures,

tables, and forms to more advanced elements such as animation, databases, JavaScript, and Adobe's Flash. The course will also look at a variety of other internet technologies such as email and file sharing and the legal, ethical, and financial impact of these technologies.

### **640 Independent Advanced**

**Programming (JAVA)\*\***

All Grades

.5 credit

*Prerequisite: Introduction to Programming or Visual Basic*

This is a one-semester, independent study course that utilizes the JAVA programming language to cover some of the more advanced topics in programming which were only introduced in **Introduction to Programming**. Key among these topics is object oriented programming. Other topics will include the program lifecycle, graphic techniques, user interface design, hardware components, and database programming. Throughout the course, students will be introduced to the typical development cycle and follow a "realistic" case study from preliminary design stage through coding and debugging.

**\*\*Students must meet with the instructor at a designated time each week to assess understanding.**

### **641 AP Computer Science (JAVA)\***

All Grades

.5 credit

*Prerequisite: Advanced Programming*

This second-semester JAVA programming course will continue what was begun in Advanced Programming. Students will spend more time looking at advanced structures and algorithms as well as error handling. They will learn about queues plus trees and their uses for searching and sorting data. This course will prepare students to take the AP Computer Science exam.

\*This course may be offered every other year.

**662 Engineering Graphics I**  
All Grades .5 credit  
*Prerequisite: Algebra I*

This one-semester course introduces students to a brief history of engineering, drafting principles, and Computer Aided Drafting (CAD). Students will complete working, section view, auxiliary view, and multi-view drawings. Students will also learn basic geometry and trigonometry principles. As part of the class requirements, students will complete one design challenge a month.

**663 Engineering Graphics II**  
All Grades .5 credit  
*Prerequisite: Engineering Graphics I*

In this one-semester course, students will work on 3D wireframe and solid modeling drawings. They will calculate gears, threads, and go over tolerances. File management will be applied to assembly drawings as well as be animated and put under stress analysis. Once a month, students will complete a design challenge.

**668 Architecture I**  
10<sup>th</sup> – 12<sup>th</sup> Grades .5 credit  
*Prerequisite: Engineering Graphics I*

In this one-semester course, students will study the design aspects and history of architecture. They will learn how to use Autodesk Architecture and Revit software. While learning the software, students will complete preliminary sketches, elevations, sections, floor plans, plot layouts and detailed drawings. As an application of the skills they learn in class, students are required to participate in Habitat for Humanity by working on a house in the area.

**669 Architecture II**  
10<sup>th</sup> – 12<sup>th</sup> Grades .5 credit  
*Prerequisite: Architecture I*

In this one-semester course, students will build on the skills and knowledge they learned in **Architecture I**. Each student will design, draw, and build a scale model of a home. During the course, students will research new technology and practices that make the housing development ecofriendly. Students are required to participate in Habitat for Humanity and the Parade of Homes.

**670 Introduction to Robotics**  
10<sup>th</sup> – 12<sup>th</sup> Grades .5 credit  
*Prerequisite: Engineering Graphics II*

This one semester course will use a hands-on approach to introduce the basic concepts of robotics, focusing on programming, sensors, gears, mechanical devices, 3D design applications, and usage. The class will explore the ethical and moral implications of robot usage by going over case studies and writing a paper. Course information will be tied to lab experiments; students will work in teams to build and test increasingly more complex LEGO-based robots, culminating in a semester robot final.

**671 Robotics 2**  
.5 credit

*Prerequisite: Introduction to Robotics*

During this semester course, students will be using a variety of materials to construct a complex robot. Different programming languages will be applied to run the robot autonomously and by remote. Students will be required to design and document the construction of their robots on the computer. Completed robots will compete in the FIRST Tech Challenge (FTC) which is held outside of the school day. All students are required to attend each competition.

## Visual Arts Curriculum

The visual arts are integral to the intellectual, emotional, and physical growth of students. Visual art provides an opportunity for students to be expressive in different media. Higher order thinking skills are developed. At the same time, there is a need for people who are creative, good problem solvers, and independent workers. The visual arts help students develop these qualities. Art education is also designed to help students learn to value God's beautiful creations.

### **700 Art I**

**All Grades**

**.5 credit**

This one-semester course is a prerequisite for many of the other art courses. **Art I** addresses learning and practicing many media techniques, an awareness of the elements of art, and an appreciation and analysis of artists' works. Students will draw, paint, collage, and sculpt while working from observation, as well as from photo resources. Students will learn and practice foundational drawing skills as these skills are necessary for any further art courses. They will gain an understanding of incorporating compositional techniques in their own works, too. Written work, quizzes, and tests are as important to the course as the creation of art itself. Attendance at the Art Show is required.

### **705 Drawing I**

**All Grades**

**.5 credit**

*Prerequisite: Art I*

This one-semester course is designed for those who wish to pursue drawing more intensely. Working mostly from observation, students will be asked to critique their work carefully and take responsibility for making the necessary improvements. They will work both with value studies as well as full color. The students will also spend time analyzing the works of other artists. Mixed media techniques will be introduced and practiced in the second quarter. Written work, quizzes, and tests are important aspects of the course. Attendance at the Art Show is required.

### **717 Drawing II**

**All Grades**

**.5 credit**

*Prerequisite: Drawing I*

This course is designed for the student who has developed technical skills and wishes to continue intense practice of techniques. Students will work on various assigned projects throughout the semester, as well as several individually themed pieces. The process of selecting a theme for each piece will be a collaboration between the artist and the teacher. Once decided, students will create their own compositions in the drawing media of their choice. Students will also spend time analyzing the works of other artists. Each student will complete a minimum of 10 drawings during the semester. Work outside of class is expected. Written work, quizzes, and tests are as important as the creation of art itself. Attendance at the Art Show is mandatory.

### **707 Painting I**

**All Grades**

**.5 credit**

*Prerequisite: Art I or Drawing I*

This one-semester course is designed for those who wish to pursue painting more intensely. Students will begin by gaining an understanding of the skills of color mixing and working from observation. Using acrylic, tempera, and watercolor, the students will learn and practice working from observation and photo resources. Students will be asked to critique their work more deeply and take responsibility for making the necessary improvements. They will work both with value studies as well as full color. Mixed media techniques will be introduced and practiced in the second quarter. Written work, quizzes, and tests are important aspects of the course. Attendance at the Art Show is required.

**718 Painting II**  
**All Grades** .5 credit  
*Prerequisite: Painting I*

This course is designed for the student who has developed technical skills and wishes to continue intense practice of techniques. Students will work on various assigned projects throughout the semester, as well as several individually themed pieces. The process of selecting a theme for each piece will be a collaboration between the artist and the teacher. Once decided, each student will complete a minimum of ten paintings during the semester. Work outside of class will be necessary. Attendance at the Art Show is mandatory.

**710 Clay I**  
**All Grades** .5 credit

Students will create a variety of clay pieces, learning and practicing the hand-building techniques of coils, slabs, hollow forms, and extrusions. They will also learn and practice basic wheel throwing. This course includes learning three-dimensional design concepts and analyzing craftsmanship quality. Emphasis will be on improvement of personal craftsmanship. Written work, quizzes, and tests are integral parts of the class. Attendance at the Art Show is required.

**712 Clay II**  
**All Grades** .5 credit  
*Prerequisite: Clay I*

Students will continue to practice the hand-building techniques from **Clay I** while beginning to work on a larger scale with more advanced forms. Throwing techniques will be practiced and students will be expected to master many different forms on the wheel. Advanced forms, such as teapots, will be practiced as well as the concepts of creating “sets” of wares. Emphasis is placed on high craftsmanship, balance within the forms, and advanced glazing techniques. Written work, quizzes, and tests are as much parts of the course at the creation of art. Attendance at the Art Show is required.

**720 Clay III**  
**All Grades** .5 credit  
*Prerequisite: Clay II*

Students will continue to practice hand-building techniques and wheel-throwing skills. Students will also be asked to accomplish more serious critiquing of their forms. Multiple different forms will be created with an emphasis on creating original, thought-provoking work in clay. A sketchbook will be maintained with weekly assignments and critiques. Attendance at the Art Show is required.

**722 Clay IV**  
**All Grades** .5 credit  
*Prerequisite: Clay III*

**Clay IV** continues to fine-tune students’ abilities on and off the wheel. Students will learn an appreciation for the entire clay process by being involved with the mixing of clay and loading/unloading of kilns. Students will research ceramic artists and gain an understanding of the importance of ceramics in the history of the art world. Students will help with the process of selecting themes for each piece and will need to commit to time out of class to finish works. The use of non-traditional clay materials will be introduced as well as more advanced glazing techniques. Attendance at the Art Show is required.

**725 Photography I**  
**All Grades** .5 credit  
*Requirements: Students must provide their own digital cameras (5 Megapixel or more). Cameras must have USB cables or removable memory cards and instruction manuals.*

Students will learn to use digital cameras while investigating how to make and produce quality photographic images. They will study the history of photography, elements and principles of art and design as they relate to photography, aesthetics, and art appreciation with an emphasis on effective visual communication. Anyone can take a snapshot, but one must learn to see before he understands how to make a good photograph. Attendance at the Art Show is required.

**726 Photography II / Digitally Enhanced**  
**All Grades .5 credit**

*Prerequisite: **Photography I** or permission of instructor.*

*Students must provide their own digital cameras (5 Megapixel or more and pen/flash drive (128 MB or better – 256 MB preferred). Cameras must have USB cables or removable memory cards and instruction manuals.*

Students will learn how to improve existing digital images as well as how to create new dynamic images using photographic imaging software. They will study basic image file formats and how to work with them; learn how to perform standard adjustments and editing techniques to improve or alter images; and explore various manipulation procedures to change or create new images, all within the digital desktop environment. They will review elements and principles of art and design as they relate to photography, and expand their eye for aesthetics and art appreciation with an emphasis on visual expression and communication. Attendance at the Art Show is required.

**728 Video Production I**  
**All Grades .5 credit**

Students in the course will be exposed to various aspects of video production in a cooperative crew setting in which they will gain hands-on knowledge and develop media skills through in-class, studio, and field activities, in addition to live webcasting. Processes covered in class include pre-production planning, shooting, basic lighting techniques, sound editing, and live production. Students will be exposed both to technical and artistic concerns as well as theories of expression, interpretation and critical analysis of moving images throughout our society. Students will be required to perform duties outside of class for Holy Family's webcast **FIRE LIVE!** This course may be taken as a fine art or technology credit. Identify preference on class registration form.

**729 Video Production II** **All**  
**Grades .5 credit**

*Prerequisite: **Video Production I** or permission of instructor.*

This semester course builds off the knowledge base students acquire in **Video Production I**, both conceptually and in terms of skill development. Though some projects may be group efforts, **Video II** emphasizes independent inquiry. Students will explore their personal creative vision and expression through a more sophisticated use of cameras, editing tools, sound, and light. Students will also develop a better understanding of the use of moving images through a greater focus on artistic theories and analysis. Students will be required to perform duties outside of class for Holy Family's webcast **Fire Live!** This class may be taken for art or technology credit. Identify preference on class registration form.

## Music Curriculum

Music is an art form that speaks to the intellect, the emotions, and the spirit. The satisfactory composition and performance of music, based upon the knowledge gained through careful preparation, is among the most rewarding of human experiences. Great scholars and great thinkers have always considered music to be an essential element in the development of a complete individual. In ancient Greece, as well as the classical schools of the Renaissance, music was at the very core of the curriculum – an equal to mathematics, science, and literature. Aristotle considered music to be the most important subject for the development of the mind.

Music leads to a complete education. It contributes to physical, intellectual, emotional, and spiritual growth, it opens the mind to new perspectives of the world around us, and it enhances the skills and enriches the knowledge gained in other disciplines.

### **752/753 Band**

**All Grades**

**1 credit**

Members of **Concert Band** will have the opportunity to perform many different styles of literature including marches, ballads, medleys, new compositions for wind band, transcriptions, and classics from the band world. Focus is on performance skills, music notations, theory, vocabulary, and interpretation. This class will meet for a full period every day, and students will be required to complete 2-3 lessons with the instructor each quarter. Each student is strongly encouraged, however, to study with a private instructor. Attendance is required at extra rehearsals and all performances. Pep Band is a component of this class, with students playing at 9-10 games each year. This is a year-long course.

### **756/757 Jazz Ensemble**

**All Grades**

**1 credit**

*Prerequisite: Concurrent enrollment in **Concert Band** (exceptions: piano, bass, guitar)*

The **Jazz Ensemble** is selected by audition only and is both curricular and extracurricular, in that the group meets every day opposite lunch and also meets for one 60-90-minute rehearsal either after school, in the evening, or on a weekend. The specific time will depend on the students' schedules. The **Jazz Ensemble** will perform a wide range of jazz styles including swing, funk, Latin, and ballad. Members are limited to alto, tenor, and baritone saxophones, trumpets, trombones, piano, guitar, bass, and drums. This group performs at Coffee House twice a year and Jazz Nite in the spring. They may also travel to jazz festivals throughout the year. This is a year-long course.

### **758/759 String Ensemble**

**All Grades**

**1 credit**

Members of the **String Ensemble** will have the opportunity to perform classic and popular repertoire for strings. The group includes all four members of the string family: violin, viola, cello, and bass. The class meets for one full period every day and students will be required to complete 2-3 lessons with the instructor each quarter, unless they study with a private teacher. Attendance is required at all extra rehearsal and performances. This is a year-long course.

### **760 Chorus**

**9<sup>th</sup> – 10<sup>th</sup> Grades**

**.5 credit**

The **Chorus** is the beginning vocal ensemble at Holy Family. All freshmen and nearly all sophomores who wish to participate in vocal music must register for **Chorus**. This is a preparatory group whose primary focus is on the development of important musical skills. The ensemble meets daily opposite lunch and explores solfege-based sight-reading, ear training, music theory concepts, proper vocal technique/tone production, music vocabulary, quality choral literature, and professional performance practices. Membership in the **Chorus** for at least one academic year is a prerequisite for membership in the **Camerata** or the **Chorale**. The **Chorus** performs at least two formal concerts each year and, occasionally, joins the **Camerata** and/or the **Chorale** for other performances. This is a year-long course.

### **778/779 Camerata**

**10<sup>th</sup>-12<sup>th</sup> Grades**

**1 credit**

*Prerequisite: Chorus or equivalent*

The **Camerata** is a women's choir consisting mostly of sophomore but which is also open to juniors and seniors. Members of the **Camerata** must have completed at least one year in **Chorus** (or the equivalent). This auditioned ensemble performs a varied choral repertoire from all major styles and historical eras composed for female voices. The **Camerata** rehearses daily for a full period and typically performs 4-6 times each year, both at school and in the community. Students work to prepare quality choral repertoire and continue to develop the skills learned in the **Chorus**. Participation in the Solo-Ensemble Festival is highly encouraged for members of **Camerata**. This is a year-long course.

### **776/777 Chorale**

**10<sup>th</sup>-12<sup>th</sup> Grades**

**1 credit**

*Prerequisite: Chorus*

The **Chorale** is the most advanced choral ensemble at Holy Family and typically consists of 30-40 sophomore, junior, and senior voices. Members of the **Chorale** must have completed at least one year in **Chorus** or the equivalent. The **Chorale** rehearses daily for a full class period and focuses on challenging SATB repertoire from all major styles and historical eras, with a particular emphasis on great choral masterworks and/or music of great European and American composers. A great deal of emphasis is placed on the development of a healthy vocal technique and the mastery of a rich and mature choral tone. This auditioned ensemble maintains a very active schedule with performances at choral festivals, regional Catholic grade schools, liturgies, school concerts, and other venues. Participation in the Solo-Ensemble Festival and All-State Choir auditions is highly encouraged for members of the **Chorale**. This is a year-long course.

### **770/771 Voices of Fire**

**All Grades**

**1 credit**

*Prerequisite: concurrent enrollment in Chorus, Camerata, or Chorale*

**Voices of Fire** is an 8-10 member vocal jazz group and is the most select vocal ensemble at Holy Family. It is both curricular and extracurricular, in that the group meets daily opposite lunch and also meets for a 90-minute rehearsal each week after school, in the evening, or on weekends. The group works with a standard jazz rhythm section (piano, bass, and drums) and is available to perform for civic and church groups, community organizations, etc., upon request. **Voices of Fire** also performs at regular school concerts and routinely travels to vocal jazz festivals and workshops. Members are chosen by strict audition, and any member of **Chorus**, **Camerata**, or **Chorale** may audition. An excellent musical ear and accurate intonation are essential for membership in this ensemble. This is a year-long course.

### **784 Fundamentals of Music Theory**

**10<sup>th</sup>-12<sup>th</sup> Grades**

**.5 credit**

This semester course is designed to teach music literacy and to increase students' knowledge of music beyond performance. Students will develop the ability to recognize, understand, describe, and/or notate the basic concepts and processes of music that are heard or presented in a music score. In order to allow students to achieve a well-rounded understanding of musical structure, this course will address the basic elements of music (melody, harmony, rhythm, form, etc.) as well as compositional, analytical, and aural skills. Course concepts will be primarily based in Western music. Attempts will be made, however, to cross-relate certain musical ideas in order to increase appreciation of all musical traditions. Students will also have the opportunity to investigate careers in music, philosophies of music, and music's connection to culture and other fine arts. This course will be especially useful for students who plan to pursue music in a post-secondary environment.

## **World Languages**

Learning a world language contributes to a student’s development in many ways. It can broaden a student’s view of the world, expand knowledge, and offer unlimited opportunities for comparison and intellectual growth. Studying a world language also helps the student gain an appreciation and respect for other cultures, their histories, and ethnic makeup. This knowledge can be an advantage not only personally, but also professionally.

There are currently four languages offered at Holy Family Catholic High School: Spanish, French, Italian, and Latin. They are both offered for four-year sequences.

World language study is highly recommended for its linguistic, cultural, and practical benefits; however, learning a language can be challenging. It involves a variety of skills and a great deal of memorization. Students who are interested in preparing for college in the most thorough way should plan on committing to at least 2-3 years of language study. Specific post-secondary requirements vary by school and major.

Goals of the World Language Department include:

- Deepen the student’s knowledge and appreciation of the target language and culture.
- Increase the student’s ability to speak the language.
- Increase the student’s ability to understand the language.
- Increase the student’s confidence in interacting with native speakers.

**801/802 Spanish I**  
**All Grades**

**1 credit**

In this first year Spanish course, students are introduced to the four basic language skills: listening, speaking, reading, and writing. Students develop these skills with the help of the textbook series, oral and written exercises, and class presentations. Students will learn an extensive vocabulary along with present tense of Spanish verbs. They will also gain awareness of cultures present in Spanish-speaking countries.

**803/804 Spanish II**  
**All Grades**

**1 credit**

*Prerequisite: High school **Spanish I** or passing score on Holy Family spring Spanish placement exam.*

The second year of Spanish will continue to develop students’ listening, speaking, reading, and writing skills. Students will learn the preterite, imperfect, and present perfect verb tenses. They will also learn how to compose compositions in Spanish and give presentations to the class in the target language. This course also continues to provide cultural information about Spanish-speaking countries.

**805/806 Spanish III**

**All Grades**

**1 credit**

*Prerequisite: **Spanish II***

Spanish III is for those students who have shown above average interest in and/or ability with learning the language. Emphasis is directed toward reading and conversing in Spanish; however, students will still practice listening and writing. Units will include a great deal of cultural information including literature, art, history, etc. They will also include topics for discussion. Students will continue to review parts of Spanish grammar in each unit.

**815/816 Honors Spanish III**  
**All Grade**

**1 credit**

*Prerequisite: **Spanish II** and consent of instructor.*

Honors Spanish III is designed for students with a demonstrated aptitude in the language which enables them to progress at a faster pace and at a high level of comprehension. The class will prepare students for the Advanced Placement program and for future studies of the language at the college level. Course content is more details than it is at the regular level of Spanish III. It includes advanced listening, writing, reading, and speaking activities. An

*815/816 description continued*

emphasis is placed upon improving oral communication skills.

**Written instructor approval required.**

### **807/808 Spanish IV**

**All Grades**

**1 credit**

*Prerequisite: Spanish III and consent of instructor.*

This course will include an intense review of grammar points taught in Spanish I, II, and III. Advanced conversation and composition are important aspects of the class. Students will be able to explore career possibilities available to people fluent in another language.

### **811/812 Spanish V**

**All Grades**

**1 credit**

*Prerequisite: Spanish IV and advice of instructor.*

**Spanish V** is an option for the student who has entered Holy Family with advanced language skills and moves through the program at an accelerated rate that necessitates another level of skill acquisition. This will be a more personalized class designed to strengthen written and oral skills.

### **813/814 AP Spanish**

**All Grades**

**1 credit**

*Prerequisite: Spanish III and advice of instructor.*

**Advanced Placement Spanish** meets the standards of a college level language course. Students may elect this course with the approval of the instructor anytime after taking **Spanish III**. Students who pass the AP exam in spring may earn accelerated placement and/or college credit.

### **820/821 French I**

**All Grades**

**1 credit**

The purpose of **French I** is to familiarize students with basic grammar and vocabulary that will serve as a strong foundation for future studies in French.

**French I** will emphasize the four language skills (listening, speaking, reading, and writing) in order to achieve functional communication. Students will learn basic conversational phrases, how to ask and respond to questions, and regular and irregular

present tense verbs. Throughout the course, students will be exposed to a range of media (literature, film, music) that will expand their understanding of the Francophone world.

### **822/823 French II**

**All Grades**

**1 credit**

*Prerequisite: French I*

In **French II**, students continue to build on the basic French grammar and vocabulary that they learned in **French I** by adding more complex grammatical structures and expanding their vocabulary. **French II** will emphasize the four language skills (listening, speaking, reading, and writing) in order to achieve functional communication. Students will work with the three past tenses in French (passé compose, imparfait, and plus-que-parfait) and continue their cultural studies through a variety of media.

### **824/825 French III**

**All Grades**

**1 credit**

*Prerequisite: French II*

**French III** builds upon what was covered in **French II** by adding more complex verb tenses and introducing a more sophisticated vocabulary. The focus of this course will be oral and written communication, with an emphasis on useful structures to help students communicate effectively in a variety of situations in a Francophone country. In addition to covering the future, conditional, and subjunctive tenses, students will continue their cultural studies through a variety of multimedia research projects. Level IV makes connections to French history, geography, art, music, literature, and science. Students will learn about their own language and culture as they explore French language and culture. Students will learn how to write compositions and job resumes, to give detailed explanations, to tell stories, and read instructions.

### **828/829 AP French**

All Grades

1 credit

*Prerequisite: French III*

**Advanced Placement French** is offered as an alternative to **French IV** or can be taken after a student completes **French IV**. The purpose of **AP French** is to prepare students to excel in college French by successfully completing the AP exam in spring. To this end, the literary selections will reflect the genres of texts that are commonly used in university French programs throughout the country. The course includes a thorough grammar review and the chance for students to refine their written and spoken French. Our primary texts are *French: Two Years* and *Autour de la Litterature*.

870/871 Latin I

All grades

1 credit

**Latin I** will concentrate on reading comprehension of basic Latin and the cultural background of Roman civilization. The students will strengthen their understanding of English grammar and vocabulary as they develop their skills in Latin translation. Students will learn about Roman contributions to Western civilization through class presentations.

872/873 Latin II

All Grades

1 credit

*Prerequisite: Latin I*

**Latin II** will continue to develop the themes from **Latin I**. The students will improve translation skills through grammar study and the reading of some original texts. They will also learn about Roman conquest and the history of the Empire.

874/875 Latin III

All Grades

1 credit

*Prerequisite: Latin II*

**Latin II** will continue to build on the grammar and vocabulary study done in I and II. This class will focus on fluent reading of original Latin texts. The students will study Roman history and culture through these texts.

880 Latin IV

All Grades

1 credit

*Prerequisite: Latin III*

**Advanced Placement Latin** is a year-long course that functions at a level commensurate with a college-level class. Students will review the grammar and vocabulary study done in previous levels. This class will focus on the fluent reading of original Latin texts and begin to analyze them for their literary, historic and cultural value. The students will take part in discussions and presentations on these texts and their implications. Students who earn passing grades on the national exam in spring may earn college credit for this course.

881/882 Italian I

All Grades

1 credit

**Italian I** will introduce basic listening, speaking, reading, and writing skills. Students will acquire vocabulary through the study of popular Italian culture. They will develop an ability to communicate in common situations through grammar study and daily conversation practice.

883/884 Italian II

All Grades

1 credit

*Prerequisite: Italian I*

**Italian II** will continue to build on basic listening, speaking, reading, and writing skills. Students will develop their writing skills through compositions. There will be daily interactive activities in order to work toward fluency and learn about modern Italian culture.

885/886 Italian III

All Grades

1 credit

*Prerequisite: Italian II*

**Italian III** will review and strengthen listening, speaking, reading, and writing skills. The main objectives of this course will be fluent conversations and reading. Students will learn about Italian culture through readings and class discussions. Students will also review important grammar points covered in previous levels.

890/891 Italian IV

All Grades

1 credit

*Prerequisite: Italian III*

Students at this level will speak almost exclusively in Italian. Advanced skills in interpretive, interpersonal, and presentational use of the target language will be developed. Students will immerse themselves in Italian language and culture through the use of modern texts, media, and the classics of Italian literature in an interactive classroom environment. The ACTFL Oral Proficiency Interview exam is available to students at this level.