

VERMILION CATHOLIC

a legacy of Mount Carmel

Course Offerings Guide

Grades 9-12

2021-2022

Four Year Plan	2
VCHS Requirements for Graduation	3
Elective Courses for Each Year of High School	4
Graduation	5
TOPS Requirement Checklist	5
Course Offering Descriptions	6
English Department	6
Fine Arts Department	10
World Languages Department	13
Health & Physical Education Department	16
Math Department	17
Science Department	20
Social Studies Department	22
Theology Department	23
Other Electives	25

Class of _____

Four Year Plan

8th Grade	
Algebra I	
World Language	

9th Grade	
Theology I	
English I	
Algebra I or Geometry*	
Physical Science	
Health & PE I	
World Geography	
Elective	

*if student took Algebra I in 8th grade

10th Grade	
Theology II	
English II	
Geometry and/or Algebra II	
Biology I	
Health & PE II	
Civics	
Elective	

11th Grade	
Theology III	
English III or English III DE	
Algebra II or Math	
Chemistry or Science	
US History	
Elective	
Elective	

12th Grade	
Theology IV	
English IV or English IV DE	
Math	
Science	
World History	
Elective	
Elective	

VCHS Requirements for Graduation

Theology	4 units	Theology I, II, III, IV
English	4 units	English I, II, III, IV
Mathematics	4 units	Algebra I Geometry Algebra II 1 additional unit
Science	4 units	Biology Chemistry I 2 additional units
Social Studies	4 units	World Geography Civics US History World History
World Language	2 units	Two units of the <i>same</i> language French I, II, III, IV Spanish I, II
Health & PE	2 units	Health/PE I, II
Fine Arts	1 unit	Art I, II, III, IV Theatre Fine Arts Survey Piano
Electives	3 units	
	28 units	

Elective Courses for Each Year of High School

	Freshmen	Sophomore	Junior	Senior
Fine Arts	Art I Theatre I Piano*** Fine Arts Survey***	Art I, II Theatre I, II Piano*** Fine Arts Survey***	Art I, II, III Theatre I, II, III Piano*** Fine Arts Survey***	Art I, II, III, IV Theatre I, II, III Piano*** Fine Arts Survey***
Health/PE	Health/PE I	Health/PE I, II	Health/PE I, II, III	Health/PE II, III, IV
Yearbook			Publications I	Publications I, II
World Languages	French I* Spanish I*	French I, II Spanish I, II	French I, II, III Spanish I, II	French II, III, IV Spanish II
Theology				Campus Ministry
Other (not part of TOPS Core curriculum)	Study Skills I**	Study Skills I, II**	Study Skills I, II, III** First Responder Financial Math Psychology***	Study Skills I, II, III, IV** Family & Consumer Science First Responder Office Assistant Financial Math Psychology***

* Student must have a 3.0 gpa and a B average in English to register for these courses in 9th grade.

**Student must be approved to enroll in this class.

***These courses were not offered in 2020-21 school year, but may be added in 2021-22 (depending on student interest, enrollment, and staff availability)

Graduation TOPS Requirement Checklist

Class of 2022 and beyond

Requirements for VCHS Diploma	Requirement for TOPS Award (as of 2/2019)
<input type="checkbox"/> Theology I <input type="checkbox"/> Theology II <input type="checkbox"/> Theology III <input type="checkbox"/> Theology IV	
<input type="checkbox"/> English I <input type="checkbox"/> English II <input type="checkbox"/> English III <input type="checkbox"/> English IV	<input type="checkbox"/> English I <input type="checkbox"/> English II <input type="checkbox"/> English III <input type="checkbox"/> English IV
<input type="checkbox"/> World Geography <input type="checkbox"/> Civics <input type="checkbox"/> US History <input type="checkbox"/> World History	<input type="checkbox"/> World Geography <input type="checkbox"/> Civics <input type="checkbox"/> US History <input type="checkbox"/> World History
<input type="checkbox"/> Biology I <input type="checkbox"/> Chemistry <input type="checkbox"/> Science: Physical Science, Environmental Science, Physics, Biology II <input type="checkbox"/> Science: Physical Science, Environmental Science, Physics, Biology II	<input type="checkbox"/> Biology I <input type="checkbox"/> Chemistry <input type="checkbox"/> Science: Physical Science, Environmental Science, Physics, Biology II <input type="checkbox"/> Science: Physical Science, Environmental Science, Physics, Biology II
<input type="checkbox"/> Algebra I <input type="checkbox"/> Geometry <input type="checkbox"/> Algebra II <input type="checkbox"/> Math: Algebra III, Advanced Math, Pre-Calculus, Calculus	<input type="checkbox"/> Algebra I <input type="checkbox"/> Geometry <input type="checkbox"/> Algebra II <input type="checkbox"/> Math: Algebra III, Advanced Math, Pre-Calculus, Calculus
<input type="checkbox"/> Fine Art: Theatre, Art, Piano, Fine Arts Survey	<input type="checkbox"/> Fine Art: Theatre, Art, Piano, Fine Arts Survey
<input type="checkbox"/> World Language I <input type="checkbox"/> World Language II	<input type="checkbox"/> World Language I <input type="checkbox"/> World Language II
<input type="checkbox"/> Health/PE I <input type="checkbox"/> Health/PE II	
<input type="checkbox"/> Elective #1: _____ <input type="checkbox"/> Elective #2: _____ <input type="checkbox"/> Elective #3: _____	

Course Offering Descriptions

Courses listed below represent a variety of core courses and elective offerings. Not all courses will be offered every academic year.

English Department

English I

Grade Level: 9

Credit: 1 unit

Prerequisite: none

English I encompasses the elements of literature (within a genre approach), grammar, vocabulary, and composition. This course is designed to prepare students and provide them with the basic literary and language arts skills needed to complete high school and build a basis of the literary and language arts skills needed on the collegiate level.

Students will develop skills through the analysis and discussion of literature, creative writing practice, building of vocabulary through writing, and troubleshooting of common grammatical errors. Students will write critically and read analytically. Each student will read two novels in the summer prior to beginning the course, and critical writing and analysis will be done.

English II

Grade Level: 10

Credit: 1 unit

Prerequisite: English I

English II encompasses the elements of literature, grammar, vocabulary, and composition. This course is designed to prepare students and provide them with the basic literary and language arts skills needed to complete high school and build a basis of the literary and language arts skills needed on the collegiate level. Students will refine skills through the analysis and discussion of literature, development of creative writing skills, building of vocabulary and troubleshooting of common grammatical errors.

Students will complete longer and more complex writings as they build up the skills mastered in English I. Each student will read two novels in the summer prior to beginning the course, and critical writing and analysis will be done.

English III

Grade Level: 11

Credit: 1 unit

Prerequisite: English II

English III encompasses the elements of literature, grammar, vocabulary, composition and research. This course is designed to prepare students and provide them with the necessary skills needed on the collegiate level. The literature of this course is a survey of American Literature. Students' refinement of the above skills will involve the discussion and analysis of American Literature, the development of expository writing skills, the building of vocabulary, and the troubleshooting of common grammatical errors. Students will complete longer and more complex writing skills as they build up the skills mastered in English II. The student will write at least one major research paper. Each student will read two novels in the summer prior to beginning the course, and critical writing and analysis will be done.

English III – Dual Enrollment

Grade Level: 11

Credit: 1 high school unit, 6 college credits (English 101 & English 102)

Prerequisite: Junior level students must have earned an 18 in English on their ACT, an 19 composite on the ACT, be on track for completing TOPS University requirements, and have at least a 3.0 GPA. If the student has taken the ACT test, the qualifying score will have to come from the April ACT test date.

Course Fee: To be determined through University of Louisiana at Lafayette (Approximately \$200 per semester)

Students will be enrolled in English III (course description above) full time during the fall & spring semesters, as well as English 101 and 102. This course is on the TOPS 5 point scale.

- During the fall semester, students will take English III and simultaneously take English 101. English 101 (Introduction to Academic Writing) is designed to introduce students to the critical thinking, reading, and writing skills required in the university and beyond. The course will focus on writing effective, argumentative essays that include both personal and objective research material.
- During the spring semester, students will take English III and simultaneously take English 102. English 102 (Writing and Research About Culture) is described in the UL Course catalog in this way: through exploration of cultural themes, students will build on and advance the thinking, reading, and writing skills learned in English 101 while focusing on rhetoric and research. Students must have earned a "C" or better in English 101 to qualify for this course.

English IV

Grade Level: 12

Credit: 1 unit

Prerequisite: English III

The English IV curriculum provides a survey of the literature of Great Britain and important world literature. The studies will be connected to the history and social structures present at the time that the works were written, and analyze their relevance to the social movements of their time. Students will be required to read short stories, essays, poetry, plays, and novels. The course offers a review of basic grammar rules, diction, syntax, and their applications in composition. Skills in development of thesis, organization, unity, coherence, and selective vocabulary will be reinforced. Different types of writing will be stressed. At least one major literary research paper will be required, along with multiple other writings including personal essays, creative writing, and other literary analysis. Each student will read two novels in the summer prior to beginning the course, and critical writing and analysis will be done.

English IV – Dual Enrollment

Grade Level: 12

Credit: 1 high school unit, 6 college credits (English 201 & 202)

Prerequisite: Successfully completed Dual Enrollment English III and have earned a “C” or better, on track for completing Tops University requirements, and have at least a 3.0 GPA.

Course Fee: To be determined through University of Louisiana at Lafayette
(Approximately \$200 per semester)

Students will be enrolled in English IV (course description above) full time in the fall and spring semester, as well as English 201 and 202. This course is on the TOPS 5 point scale.

- During the fall semester, students will take English 201 (British Literature I), which is a survey of British literature from its beginnings through the eighteenth century, emphasizing the critical reading of individual works. Prereq: "C" or better in ENGL 102
- During the spring semester, students will take English 202 (British Literature II), which is a survey of British literature from the eighteenth century to the present emphasizing the critical reading of individual works. Prereq: Students must have earned a “C” or better in English 201 to qualify for this course.

Publications I

Grade Level: 12

Credit: 1 unit

Prerequisite: none

This course covers the fundamental journalistic procedures required for the successful publication of a high school yearbook. Course content includes planning for book coverage, page design/layout, graphics, typography, writing, editing, photography, finance, and advertising. Technology is integrated throughout the course. Enrollment is limited to six students.

Fine Arts Department

TOPS and Vermilion Catholic require 1 unit of Fine Arts or 1 unit of any Art elective.

Art I

Grade Level: 9-12

Credit: 1 unit

Prerequisite: none

Course Fee: \$65 studio fee

Art I is an introduction to the visual arts. Emphasis is placed on understanding the Elements of Art and Principles of Design as a basis for composition. Students will explore a variety of artists, art processes, and materials such as drawing, painting, printmaking, mixed media, and digital art. Students will also learn means of self-expression, aesthetic observation, creative problem solving, invention, and design. Willingness to get involved in the creative process is a more important requirement than the student's talent or previous experience.

Art II

Grade Level: 10-12

Credit: 1 unit

Prerequisite: Art I

Course Fee: \$75 studio fee

Art II is a continuation of the work begun in Art I and is designed to further develop the concepts and skills learned in Art I. Students will use the skills and techniques learned previously to enhance artwork in two and three-dimensional design using a variety of different media. The student will develop an ability to make effective choices concerning media, techniques, subject matter, methods of interpretation, and compositional design while also exploring conceptual artmaking. Like in Art I, the willingness to further develop as an artist and the work ethic that you invest into the course is a more important requirement than your talent or previous experience.

Art III

Grade Level: 11-12

Credit: 1 unit

Prerequisite: Art I & Art II

Course Fee: \$85 studio fee

Art III is a studio course designed for the student who wishes to further develop skills and techniques that were introduced in previous studio art classes. This is a course for any student wishing to develop a portfolio for college or for exploring a real interest in Art beyond high school. Students who elect to take these courses should be self-motivated and self-directed as well as cooperative, responsible art students.

Students are continually encouraged to explore art within the historical context and to apply concept and meaning to their work. Students are expected to exhibit proficiency in the techniques learned in Art I and II. Students will begin to apply style and vision to their work as they explore advanced techniques and a wider variety of media. There is an emphasis on developing creative, conceptual thinking as well as personal expression and observational drawing skills. Students will work in a variety of media including drawing, painting, printmaking, photography, collage & more. Art history will be infused throughout the course and in a variety of ways. Throughout this year, you will explore a variety of themes, connecting your artmaking to these concepts while exploring ways to communicate your ideas.

Art IV

Grade Level: 12

Credit: 1 unit

Prerequisite: Art III & Teacher Permission

Course Fee: \$85 studio fee

This course is specific to those students pursuing careers in the arts beyond high school. It is a teacher-guided, self-directed class that requires each student to utilize a wide variety of media, sizes, content, and concepts while exploring one *THESIS* of his/her choice. Each project will accompany a significant amount of *process* as it applies to your concept – including sketches, research, articles, etc. – and will help to build a body of work throughout the year. Students will be expected to work independently and consistently throughout the year.

Fine Arts Survey

Grade Level: 9-12

Credit: 1 unit

Prerequisite: none

The Fine Arts curriculum will introduce students to various art forms. Each semester will concentrate on the four basic forms of art: music, visual arts, drama and dance. Students are introduced to Art History and learn about how art has progressed over the centuries and around the world.

Piano I

Grade Level: 9-12

Credit: 1 unit

Prerequisite: none

Learn beginning keyboard technique, music theory, note reading, and repertoire on an individual keyboard console.

Theatre I

Grade Level: 9-12

Credit: 1 unit

Prerequisite: none

Students will develop a greater understanding of the processes and elements involved in creating works of dramatic art by studying terminology, interpreting literature, writing original scripts, and participating in improvisational acting, scripted acting, and filming. This course is designed to help teens become more self-confident around their peers. Creativity, open-mindedness, and courage are key. Students will also learn how to better exercise critical thought during the writing process and provide constructive feedback in response to dramatic performances. Theatre students will perform in several individual presentations as well as group presentations.

Theatre II

Grade Level: 10-12

Credit: 1 unit

Prerequisite: Theatre I

Extension of Theatre I.

World Languages Department

**Two consecutive foreign languages are required for TOPS.*

French I

Grade Level: 9-11

Credit: 1 unit

Prerequisite: Incoming freshmen must have a “B” or better in English, 3.0 GPA, and have the recommendation of their principal prior to scheduling French I.

Knowledge and understanding of other languages and cultures is essential for students to be able to function and compete in the interdependent global economy of the 21st century. This course will serve as an introduction into this journey. Students will learn novice French grammar, fundamentals of French pronunciation, and basic vocabulary used in everyday communication. Emphasis will be on communication, knowledge and understanding of other cultures, connections with other disciplines, insight into the nature of language and culture, and participation in the multilingual communities at home and around the world. The students will also develop communication skills by presenting hands-on demonstrations and activities to the class.

French II

Grade Level: 10-12

Credit: 1 unit

Prerequisite: French I

Knowledge and understanding of other languages and cultures is essential for students to be able to function and compete in the interdependent global economy of the 21st century. This course will serve as a developing stage into this journey. Students will continue to learn novice and intermediate French grammar, fundamentals of French pronunciation, and basic vocabulary used in everyday communication. Emphasis will be on communication, knowledge and understanding of other cultures, connections with other disciplines, insight into the nature of language and culture, and participation in the multilingual communities at home and around the world.

French III

Grade Level: 11-12

Credit: 1 unit

Prerequisite: French II

Let’s Speak French! This course is best suited for those students who want to enhance their French communication skills and knowledge of the Francophone world. Vocabulary and grammar will be learned and reviewed through reading, writing, and speaking

practices and activities. We will read short stories and folklore, write songs and poems, watch French movies and play French games, all in the target language. We will also discuss the history, pop culture, art, music, and literature of various Francophone countries such as Canada and Belgium. We will be completing projects throughout the year. Students will be graded heavily on their participation during in-class assignments and are encouraged to make an effort at speaking French and to not be afraid to make mistakes!

French IV

Grade Level: 12

Credit: 1 unit

Prerequisite: French III

Let's Speak French, again! This course is best suited for those students who want to enhance their French communication skills and knowledge of the Francophone world. Vocabulary and grammar will be learned and reviewed through reading, writing, and speaking practices and activities. We will read short stories and folklore, write songs and poems, watch French movies and play French games, all in the target language. We will also discuss the history, pop culture, art, music, and literature of various Francophone countries such as Canada and Belgium. We will be completing projects throughout the year. Students will be graded heavily on their participation during in-class assignments and are encouraged to make an effort at speaking French and to not be afraid to make mistakes!

Spanish I

Grade Level: 9-11

Credit: 1 unit

Prerequisite: Incoming freshmen must have a "B" or better in English, 3.0 GPA, and have the recommendation of their principal prior to scheduling Spanish I.

Spanish I is an introductory course that focuses on all four language skills: listening, speaking, reading and writing. The course engages students in direct oral and written communication for authentic purposes. Spanish I provides initial study in the sounds, vocabulary and structures of the language, as well as in cultural perspectives, practices and products of Spanish and Hispanic societies. Students are encouraged to use the language within and beyond the school setting and to make connections to their disciplines.

Spanish II

Grade Level: 10-12

Credit: 1 unit

Prerequisite: Spanish II

Spanish II builds on the foundation laid in first-year Spanish. It develops and refines the student's communicative skills of listening, speaking, reading and writing for authentic purposes. New material is introduced in a contextual manner, and there is general expansion in the areas of pronunciation, vocabulary and structures of the language, as well as in cultural perspectives, practices and products of Spanish and Hispanic societies. Students are encouraged to use the language within and beyond the school setting and to make connections to other disciplines.

Health & Physical Education Department

Health & Physical Education - Health Component of the Course

A minimum of 30 hours of health instruction shall be taught in each of the two required health and physical education units. An overview of interpersonal skills, positive living, and personal relationships are covered, and how they affect our lives. It is a study of mental health, sound hygiene practices and interactive skills. We pursue the latest scientific information on medicinal drugs, health occupations, the human living system and interaction with the environment. Critical thinking, decision-making and positive self - esteem are the basis of the course.

Health & Physical Education I

Grade Level: 9-11

Credit: 1 unit

Prerequisite: none

This course is a year-long course required for all 9th grade students. It covers the state requirements, which include team sports, individual sports, racquet sports, leisure activities, basic CPR, and physical fitness. The students will also learn about current health topics from the textbook during a one-semester health unit.

Health & Physical Education II

Grade Level: 10-12

Credit: 1 unit

Prerequisite: Health & Physical Education I

This course is a year-long course required for all 10th grade students. It covers the state minimum requirements, which include team sports, individual sports, racquet sports, leisure activities, physical fitness, and healthy living.

Physical Education III

Grade Level: 11-12

Credit: 1 unit

Prerequisite: Health & PE II

This course is designed for those students who wish to maintain a high level of conditioning and training.

Physical Education IV

Grade Level: 12

Credit: 1 unit

Prerequisite: PE III

This course is designed to allow students to participate in a program of weight-lifting, athletic training and running.

Math Department

**All students must complete a math course during each of their four years at Vermilion Catholic.*

Algebra I

Grade Level: 9

Credit: 1 unit

Prerequisite: none

This course includes the addition, subtraction, multiplication, and division of real numbers and polynomials. Techniques of solving, writing, and graphing linear equations and inequalities are included. Solving systems of linear equations and inequalities, manipulations involving exponents and exponential functions are integral to the course. Methods to solve quadratic equations and factoring polynomials complete this course.

Geometry

Grade Level: 10

Credit: 1 unit

Prerequisite: Algebra I

This course is designed for those students who have taken Algebra I. It covers the development of a logical mathematical system through the use of deductive reasoning. Students are taught the logic necessary to prove theorems. An in-depth study of coordinate geometry is covered. Topics include measurement formulas; geometric and spatial visualization; drawing skills, property of congruence, similarity, parallelism, and perpendicularity; properties of plane and solid figures.

Algebra II

Grade Level: 10-11

Credit: 1 unit

Prerequisite: Algebra I

This course involves manipulations of variables and real numbers similar to Algebra I. More topics included are A) solving systems of equations, B) using data, manipulating expressions, and solving equations for each of the following – polynomials, rational, radical, exponential, logarithmic, and some inverse functions – all using the real number system, C) irrational numbers and complex numbers. Applicable word problems for each of the aforementioned topics are studied throughout the year.

Advanced Math

Grade Level: 11 & 12

Credit: 1 unit

Prerequisite: Algebra II and Geometry

The emphasis of this course is improving and/or perfecting algebraic and geometric skills and knowledge rather than on an intensive trigonometry course. The course will also focus on linear functions, exponents, polynomials, quadratic function and rational expressions, and the nature of graphs of these functions.

Advanced Math: Dual Enrollment

Grade Level: 11 & 12

Credit: 1 unit

Prerequisite: Algebra II and Geometry

During the fall semester the course is a LSUE Dual Enrollment course, Math 0021. The emphasis of this course is improving and/or perfecting algebraic and geometric skills and knowledge required for college algebra, rather than on an intensive trigonometry course. In the spring semester, it is an introduction to college algebra. This course stresses a true and deeper understanding of the algebraic topics they have previously learned. The course will focus on the application of linear functions, exponents, polynomials, quadratic function and rational expressions to real-life problems, and the nature of graphs of these functions.

Pre-Calculus Honors (also a DE course in the spring semester only)

Grade Level: 11 & 12

Credit: 1 high school unit, 3 college credits (Math 105)

Prerequisite: Algebra II

Course Fee: (Math 105 - Spring) To be determined through University of Louisiana at Lafayette (Approximately \$200 plus the book fee of approximately \$90)

- In the first semester (Aug-Dec), students will earn half of a full high school credit in Pre-Calculus Honors. Topics include the six trigonometric functions and their inverses, circular trigonometric functions, right triangle, trigonometry and solving oblique triangles.
- In the second semester, students will earn the other half of a high school credit in Pre-Calculus Honors. Students will also earn 3 college course credit hours from ULL in Math 105 in the spring. This course is on the TOPS 5 point scale.

Prerequisite: In order to qualify for this course, students must have a 19 in Math on the ACT. The student must also have an ACT composite score of an 19, be on track for meeting TOPS UNIVERSITY requirements and have at least a 3.0 GPA. If the student has taken the ACT test, the qualifying score will have to come from the April ACT test date.

Pre-Calculus Dual Enrollment

Grade Level: 12

Credit: 1 high school unit (CMAT 1213 & 1223), 6 college credits (Math 109/110)

Prerequisite: Advanced Math with ULL 105 credit with a "C" or better or a 23 on the math portion of the ACT, an 18 ACT composite score, and a 3.0 gpa.

Course Fee: To be determined through University of Louisiana at Lafayette (Approximately \$200 plus the book fee of approximately \$90)

- Students will earn high school credit in Pre-Calculus Dual Enrollment. This course is on the TOPS 5 point scale. Students will earn 6 course credit hours from UL Lafayette
- The course is a college-level course in trigonometry and provides an intensive review of advanced topics from Algebra II including logarithms, advanced algebra, and matrices.

Calculus

Grade Level: 12

Credit: 1 unit

Prerequisite: Advanced Math or Pre-Calculus Honors. Recommended to take concurrently with Pre-Calculus Dual Enrollment.

This course is designed for students with a strong background in algebra, geometry, trigonometry, and functions. Topics include the study of limits and continuity, derivatives with applications, integration with applications, and non-algebraic functions with applications.

Financial Math

Grade Level:

Credit: 1 unit

Prerequisite:

This course is designed to provide a comprehensive review of the fundamental principles using whole numbers, common fractions, and decimals with emphasis on percentages. The course includes procedures, consumer information and other topics pertinent to business transactions. Manual and machine (calculator) calculations are emphasized.

*Note: This course does not fulfill TOPS UNIVERSITY math requirements.

Science Department

Physical Science

Grade Level: 9

Credit: 1 unit

Prerequisite: none

This course includes an introduction to basic chemistry and physics. Topics covered include the study of matter, its structure and changes, motion, energy, and other topics that prepares students for chemistry and physics.

Biology I

Grade Level: 10

Credit: 1 unit

Prerequisite: Physical Science

This course is an introductory course into the “science of life”. A broad range of topics will be considered including, but not limited to, the scientific method, cell theory, genetics, evolution, the environment, the plant and animal kingdoms, and an introduction to human anatomy. Laboratory exercises will be included, when possible, to enhance the learning experience.

Chemistry

Grade Level: 11

Credit: 1 unit

Prerequisite: Biology I

Prerequisite/Corequisite: Algebra II

This course offers a comprehensive introduction to the basics of modern chemistry. Topics include but are not limited to atomic structure, periodic table, writing formulas and balancing reactions, stoichiometry, gas laws, acids and bases, and solutions.

Biology II

Grade Level: 11-12

Credit: 1 unit

Prerequisite: Biology I

This course has been designed as a study of the anatomy and physiology of the human body. Emphasis will be placed on an understanding of the cell theory, and a detailed study of the 11 systems of the human body. Additional laboratory exercises will be performed whenever possible.

Environmental Science

Grade Level: 11-12

Credit: 1 unit

Prerequisite: None

This course is an elective science course open to juniors and seniors. The course will cover topics including ecology, communities and populations, resources, pollution and energy. Consideration will also be given to environmental ethics, politics and economics.

Physics

Grade Level: 12

Credit: 1 unit

Prerequisite: Algebra II with a C or better average

A theoretical and mathematical science that studies motion, force, thermodynamics, waves, sound, light, electricity, magnetism, and universal gravitation. Much emphasis is placed on problem solving, logic and using the graphing calculator.

Family and Consumer Science I

Grade Level: 12

Credit: 1 unit

Prerequisite: none

Course Fee: \$50

The Family and Consumer Science (formerly known as Home Economics) program is designed to provide students with basic skills for living and to help them meet the challenges of everyday life through textual studies, hands-on and online activities, and group-based projects. This course examines multiple life roles and responsibilities of individuals and family members. Focus areas are: personal and family living, wellness, financial management, living environments, appropriate child development practices, transferring school skills to life and work and a heavy emphasis on nutrition and food preparation. In this class, Students will build on skills in mathematics, communication, science, technology, and personal and interpersonal relationships. These skills will be reinforced in this course in multiple ways including measuring ingredients, working with a group, learning about food chemistry, and Google Classroom projects. A lab fee is required for the purchase of supplies, foods, and materials for the year.

Social Studies Department

World Geography

Grade Level:

Credit: 1 unit

Prerequisite:

This course presents an overview of the general principles of geography including the relationships and concepts between geography and world affairs. Students also learn the facts concerning the physical world such as landforms, climates, oceans, and waterways. The different economic systems and cultural aspects of human life are stressed. Students will work with maps of every continent in the world.

Civics

Grade Level:

Credit: 1 unit

Prerequisite:

This course will focus on the rights and responsibilities of citizens as active participants in the American political system. Students will develop a basic understanding of the principles, structures and function of federal, state, and local governments. This semester course is required for graduation. This course is taken in conjunction with Free Enterprise.

US History

Grade Level:

Credit: 1 unit

Prerequisite:

This course is a survey of United States history. Its achievements and failures are presented, enabling the student to form a balanced view of the history of our country. Emphasis will be placed on the democratic ethics and values, as well as the multicultural character of the American people.

World History

Grade Level:

Credit: 1 unit

Prerequisite:

This class is a survey of major ideas and institutions that have shaped the world from earliest times to present day. The classical world and its heritage, the influences of early India and China, & the rise of Christian Europe and its expansion overseas will all be covered in the first semester. The second semester will cover the transition to the

modern world. The course builds on an understanding of cultural, economic, political, and social issues the world faces.

Theology Department

Theology I

Grade Level: 9

Credit: 1 unit

Prerequisite: none

Salvation History + Christology - This course will present the Bible to students as a living source of God's Revelation to us. It will gather the two covenants of Scripture and the seventy-two books of the Bible under the umbrella of Church teaching, which holds that in Sacred Scripture, "God speaks only one single Word, his one Utterance in whom he expresses himself completely". In the 1st semester students will discover the work of God in forming a people, giving the law, and preparing for the Messiah. This course is intended to give students a general knowledge and appreciation of Sacred Scripture. It traces the key stages of Salvation History and introduces vocabulary, doctrine, events and people that will appear in our four-year curriculum. During the 2nd semester, the course highlights key events in the life of Jesus and His teachings about God the Father, the Trinity, Mary and the Holy Spirit.

Theology II

Grade Level: 10

Credit: 1 unit

Prerequisite: Theology I

Church History & Ecclesiology - This course will delve deeply into the saving actions of the Lord as they further explore the Paschal Mystery as God's redemptive plan for us, his people. The first semester covers how Christ is our Savior. The second semester places emphasis on tradition and the history of our Church including every major event in the Church's history from the life of her founder, Jesus Christ, to the present day. This text places the Church in her context throughout history and explains the role that the Church and her leaders have played in the shaping of history for better and worse. The course also aids in the students' understanding of communal, diocesan, and parish life and prepares them to be fully integrated adults in the Roman Catholic Church.

Theology III

Grade Level: 11

Credit: 1 unit

Prerequisite: Theology II

Sacramental Theology - This course reveals the Sacraments as the definitive way that Jesus remains present to the Church and the world today. The text explores concrete ways for students to understand the sacraments, participate in their rites, and benefit from their graces. We study Sacraments as efficacious signs of grace, instituted by Christ and entrusted to the Church, by which divine life is dispensed to us by the work of the Holy Spirit. We will evaluate the four dimensions of each sacrament and we thoroughly explore the liturgy as our primary source of worship. In this course, we will pay particular attention to the Sacrament of Confirmation as the students prepare for their own Confirmation.

Theology IV

Grade Level: 12

Credit: 1 unit

Prerequisite: Theology III

A well-formed conscience is essential to make moral decisions. This course aids in the formation of our consciences by presenting an overview of the moral teachings of the Catholic Church. It is a detailed study of the moral life in Christ-based on his teachings in the Gospels, the Ten Commandments, and the Beatitudes-which enable Christians, with God's grace, to imitate the life of Christ in their lives, to make correct moral decisions, and to spread the Kingdom of God on earth in their journey toward eternal salvation. The text presents the life of Christ and his teachings as the basis of moral theology. It also examines topics important to social justice and the sacredness of human life.

Campus Ministry I – FIAT

Grade Level: 12

Credit: 1 unit

Prerequisite: Application and Interview Process to be selected to enroll in this course. Ministry in itself is the spiritual work or service of any Christian or group of Christians; it involves the witness of an authentic personal faith in Jesus, leading worship, and providing spiritual or religious guidance to other people. This Campus Ministry class consists of a selected team of seniors who work to spread God's Word on and off campus through retreats, community outreach, and various ministry events. These students are responsible for planning and conducting the VC Retreats, Feeder School Retreats, Wisdom Wednesdays, Praise & Worship opportunities, and other various ministries. The Campus Ministry team is working to incorporate and facilitate fun, prayer, conversation, and individual and communal development on our campus. We are witnessing that faith and a personal relationship with God in our Church is a strength and resource in the struggle of the frantic pace and demands of life as well as seeking to invoke joy and hope amidst contemporary living.

Other Electives

Office Assistant

Grade Level: 12

Credit: no credit offered

Prerequisite: none

Seniors may choose to work one class period in the Office. They will be asked to assist in routine office work such as answering phones, making copies, filing papers and stuffing envelopes. In order to schedule an hour as an office assistant, students must have at least a 2.5 GPA and must be approved by the Administration.

Study Skills Courses

Grade Level: 12

Credit: 1 unit

Prerequisite: Prior approval from administration only

This course is designed to provide students with a multi-sensory, structured language approach and strategies to support reading comprehension and written expression across the curriculum.