

# St. Francis High School

## Grand Traverse Area Catholic Schools

### 2022-2023 Course Book



#### *Mission Statement*

***The Grand Traverse Area Catholic Schools are dedicated to providing a Catholic education -- ensuring educational quality for all families willing to enter into a partnership to develop each child to his or her fullest spiritual and academic potential.***

The Grand Traverse Area Catholic Schools is a consolidated nonpublic school system for area children in preschool through high school. It was established by the parishes of St. Francis and Immaculate Conception in Traverse City, St. Patrick in Grawn, Christ The King in Acme and St. Joseph in Mapleton.

The parishes are a vital component of the GTAC Schools. Our students, from elementary through high school, represent over 500 parish families. Our area priests, pastoral council members, youth ministers, musical liturgists and parishioners are invaluable resources to our school system - they share their time, expertise and talent with our students and staff.



## GRADUATION REQUIREMENTS

To graduate from St. Francis High School a senior must have completed the following:

A. A minimum of **24** credited hours of high school work.

B. Required Credits:

4 credits	Theology
4 credits	English Language Arts
4 credits	Math (one credit each of Algebra 1, Geometry, Algebra II and an additional math class in the senior year)
3 credits	Science (one credit each of Biology; Physics or Chemistry; and one additional year of science)
3 credits	Social Science (which must include one credit each of US History/Geography, World History/Geography, and one semester each of Economics and Government)
2 credits	Foreign Language (two credits of the same language)
1 credit	Physical Education (2 credits of band or 4 high school sports seasons will fulfill this requirement)
.5 credit	Visual and performing arts (band classes, art classes, vocal performance, theater arts and culinary)

C. All students will enroll in a minimum of six academic classes/credit hours per year. Students may have no more than one study hall or teacher assistant during the regular school day.

D. Students will carry a course for a full semester or year when they register unless released from the course by the principal.

E. If a freshman, sophomore or junior fails to receive at least six credits during the school year, the student will have to attend summer school to fulfill the missing credit or participate in a credit recovery program. The student will be expected to pay any necessary fees for summer school or credit recovery classes.

F. Students (Grade 9 - 12) will complete a minimum of twenty hours of Christian Service each year as a part of their religion course as well as attend an annual retreat. Satisfactory completion of religion is required for graduation.

G. No diploma will be issued from Saint Francis High School to a pupil who has not met class or course requirements and/or has not met financial obligations to the school.

- H. All students who elect to take an AP class will be **expected** to take the AP exam at the end of the semester; cost of each exam is approximately \$95.
- I. Classes taken at St. Francis High School must take priority in scheduling over Career Tech and NMC classes. Permission for online classes will only be granted in the event a scheduling conflict occurs.
- J. For the purpose of selecting Valedictorian and Salutatorian GPA will be calculated on the following scale:
- a. Ranked in the top 10
  - b. Core Requirements (Religion, English, Math, Science, Social Studies, and Foreign Language)
  - c. AP classes
  - d. **ONLY** classes taken at St. Francis High School
  - e. **ALL** math and science classes
  - f. Honors classes will be given the weight of 4.5
- K. Students will not be included in the ranking for the graduating class if he or she transfers into our school after their 10<sup>th</sup> grade/sophomore year.
- L. Class fees listed in the book are estimates and vary from year to year.
- M. Sophomores wishing to take **one** AP Class will be reviewed on a case-by-case basis pending successful completion of the following criteria:
- a. Cumulative GPA of 3.8 or above at the end of freshmen year
  - b. Score at or above benchmark in all areas on the PreACT
  - c. Recommendation from freshmen teacher of same department as requested AP course
    - a. AP Psychology – US History teacher
    - b. AP Computer Science Principles – Physical Science Teacher
  - d. Completed 4-Year Plan turned in to counselor
- N. Sophomores wishing to take **two** AP Classes will be reviewed on a case-by-case basis pending successful completion of the following criteria:
- a. Cumulative GPA of 4.0 at the end of freshmen year
  - b. Score at or above the 95<sup>th</sup> percentile overall on the PreACT
  - c. Recommendation from freshmen teacher of same department as requested AP course
    - a. AP Psychology – US History teacher
    - b. AP Computer Science Principles - Physical Science Teacher
  - d. Completed 4-Year Plan turned in to counselor
- O. Online classes can be taken **ONLY** if the class cannot be scheduled. Students who elect to take an online class will earn a letter grade which will be calculated into their cumulative GPA.
- P. Please note that some classes may have an additional fee to cover costs of materials.

# SAINT FRANCIS HIGH SCHOOL CURRICULUM 2022-2023

No.	Course	Grade	Year/Semester
<b>THEOLOGY</b> (4 credits required)			
1001-1002	Introduction to Catholicism	9	Year
1024-1025	Sacred Scripture	10	Year
1013-1019	Catholic Apologetics	11	Year
1009-1011	Church History/Social Justice	12	Year
<b>LANGUAGE ARTS</b> (4 credits required)			
1100-1101	Freshman English	9	Year
1103-1104	Honors Freshman English	9	Year
1111-1112	American Literature & Composition	10	Year
1148-1149	Honors Am. Literature & Composition	10	Year
1144-1145	British Literature	11	Year
1146-1147	Honors British Literature	11-12	Year
1115-1116	AP Language & Composition	11-12	Year
1117-1118	Senior Literature & Composition	12	Year
1121-1122	AP Literature & Composition	12	Year
<u>Language Arts Electives:</u>			
1127	Creative Writing	9-12	Semester
1120	Argumentation/Debate	10-12	Semester
1160-1161	Yearbook	9-12	Year
<b>SOCIAL STUDIES</b> (3 credits required)			
1228-1229	U.S. History/Geography	9	Year
1200-1201	World History/Geography	10	Year
1210	Government	11-12	Semester
1212	Economics	11-12	Semester
<u>Social Studies Electives:</u>			
1238	Military History	11-12	Semester
1253-1254	AP Government	11-12	Year
1242-1243	AP Psychology	11-12	Year
<b>MATHEMATICS</b> (4 credits required)			
1300-1301	Algebra 1	9	Year
1314-1315	Enriched Algebra 1	9	Year
1305-1306	Geometry	9-10	Year
1334-1335	Honors Geometry	9-10	Year
1309-1310	Algebra 2	10-11	Year
1318-1319	Honors Algebra 2	10-11	Year
1336-1337	Pre-Calculus	11-12	Year
1368-1369	Honors Pre-Calculus	11-12	Year
1342-1343	AP Calculus AB	11-12	Year
1344-1345	College Prep Algebra	12	Year
1353-1354	AP Statistics	11-12	Year

**SCIENCE** (3 credits required)

1400-1401	Physical Science	9	Year
1404-1405	Honors Physical Science	9	Year
1406-1407	Biology	9-10	Year
1410-1411	Honors Biology	9- 10	Year
1412-1413	Chemistry	10-12	Year
1414-1415	Honors Chemistry	10-12	Year

Science Electives:

1416-1417	Anatomy and Physiology	10-12	Year
1420-1421	Physics	11-12	Year
1446-1447	AP Biology	11-12	Year
1450-1451	AP Chemistry	11-12	Year
1457	Forensic Science	11-12	Semester
1458	Environmental Science	11-12	Semester
1460	Forensic Science 2	11-12	Semester
1463	Epidemiology	11-12	Semester

**FOREIGN LANGUAGE** (2 credits required)

1511-1517	Latin I	9-12	Year
1676-1677	Latin II	10-12	Year
1687-1688	Latin III	11-12	Year
1986-1987	Honors Latin III	11-12	Year
1570-1571	Spanish 1	9-12	Year
1573-1574	Spanish 2	9-12	Year
1575-1576	Spanish 3	10-12	Year
1597-1598	AP Spanish/Spanish 4	11-12	Year

**FINE ARTS** (1/2 credit required)

1500-1502	Symphonic Band	9-12	Year
1501	Color Guard	9-12	Fall Semester
1518-1519	Dei Cantanti (0 HOUR)	9-12	Semester/Year
1634	Jazz Band	9-12	Semester
1619	Sculpture/Metals & Jewelry	9-12	Semester
1678	Advanced Sculpture	9-12	Semester
1668	Digital Photography	9-12	Semester
1672	Advanced Digital Photography	9-12	Semester
1674	2D Art (Drawing & Painting)	9-12	Semester
1675	Advanced 2D Art	9-12	Semester
1549	Culinary Arts	9-12	Semester
1940	Theater Arts	9-12	Semester
1952	Advanced Theater Arts	9-12	Semester

**TEST PREPARATION**

1918-1919	Academic Resource	9-12	Semester
	ACT Prep	10-11	5 week session

**TECHNOLOGY**

1936-1937	AP Computer Science Principles	10-12	Year
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## TEACHER ASSISTANT

1640-1641	Teacher Assistant	11-12	1 or 2 Semesters
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## PHYSICAL EDUCATION (1 credit required)

1662-1663	Exercise and Health Science	9-12	Semester
1655-1656	Exercise and Health Science (0 HOUR)	9-12	Semester

## DUAL ENROLLMENT

Northwestern Michigan College	1 or 2 Semesters
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## NORTHWEST EDUCATION SERVICES – CAREER TECH CENTER

All Career Tech Courses are full year courses for 11<sup>th</sup> and 12<sup>th</sup> graders.

Visit [https://www.northwested.org/career\\_tech/](https://www.northwested.org/career_tech/) for class descriptions.

SEE MRS. MADAY to sign up for Career Tech classes. SF is only allotted a few spots for classes at Career Tech and enrollment will be on a first come/first serve basis.



## THEOLOGY

4 Credits Needed for Graduation

The Department of Theological Studies of St. Francis High School is committed to excellence in the spiritual formation of all students. The integration of religious academic instruction, the Christian Service program and the spiritual bedrock of our faith community establish this spiritual formation. Each of these elements may be examined, shaped and formed individually. However, to omit or underestimate any of these elements seriously undermines the quality of the religious education offered at St. Francis.

The Christian Service Program at St. Francis High School sets specific requirements at each grade level. The purpose is to extend our classroom learning by incorporating Gospel imperatives into life experience. Completion of the program's requirements is necessary for religion class credit as well as for graduation.

Service projects center around 6 themes of Catholic Social Justice, which students will learn about as part of their senior Theology coursework. Each student in grades 9, 10, 11, and 12 is required to perform 20 service hours per year, completing 80 hours of service by conclusion of his/her senior year (see below for an explanation of junior hours.) Each student must complete one hour of service in each of six Social Justice themes by graduation. Students have the freedom to choose the type of service they enjoy and find meaningful for the remaining 74 hours. Our goal is to create life-long servants of God, willing to build up and serve the Body of Christ!

Junior year, service hours center around the March for Life in Washington DC. This trip offers a unique opportunity to bring together both a junior retreat experience as well as service opportunity. Students attending the March for Life will complete both requirements for junior year, while enjoying fellowship and what many consider to be a life- changing experience.

Our Campus Ministry program, in conjunction with our religion teachers, provides an annual retreat experience for each grade. The retreats are structured appropriately for each grade level and are designed to help students deepen their relationship with Jesus, each other and themselves. All retreats are a required part of the religious formation at St. Francis.

The senior retreat is called *Kairos*, which means "God's time" and takes place in the fall of each year. Fees will be waived for any student who has difficulty with the cost for any of these retreats.

## INTRODUCTION TO CATHOLICISM

### COURSE NUMBERS:

First Semester 1001

Second Semester 1002

Grade Level	Credits	Term
9	1	Full Year

Introduction to Catholicism is a year-long intensive study of the foundations of the faith. A logical sequence of topics delves into the mystery of God, Creation, the human person, Revelation, the work of Jesus, the mystery of the Church and its work, Christian morality and Eschatology and requires the students to know what the Roman Catholic Magisterium teaches and the underpinnings of a full and vibrant life in Christ. Personal and corporate prayer is integral to the course, as is the GTACS Christian service philosophy. The student must expect to work hard to learn and remember solid facts and information about the Church, and how to apply what they learn in the world. Daily homework and reading is expected, as is essay writing, outside research, and group projects.

## SACRED SCRIPTURE

### COURSE NUMBERS:

First Semester 1024

Second Semester 1025

Grade Level	Credits	Term
10	1	Full Year

St. Jerome set the stage for our Sacred Scripture course when he said “Ignorance of Scripture is ignorance of Christ.” Beginning “In the beginning”, when God brought the cosmos out of chaos, students will follow the “story” of Scripture from Genesis to Revelation – from Adam and Eve to the Eschaton. Using a tool called Typology, students will come to recognize, as St. Augustine did centuries ago, that “the New Testament is hidden in the Old, and the Old is revealed in the New.” They will come to understand how their story fits into HIS-tory.

Relying heavily upon Scripture and following the exhortation of St. Peter (“Always be prepared to make a defense to anyone who calls you to account for the hope that is in you, yet do it with gentleness and reverence.” 1 Peter 3:15), students will receive an introduction to Apologetics, setting a foundation for defending their faith. Finally, coursework will be supplemented with the Catechism of the Catholic Church, papal encyclicals such as Dei Verbum, the Laudate Scripture iPad App, as well as discussion about current events that affect the Universal Church.

## CATHOLIC APOLOGTICS (A)

### COURSE NUMBER 1013

Grade Level	Credits	Term
11	.5	Semester



St. John Paul II, in reflecting on over 1000 verses of Scripture over a period of 5 years, has given us a profound reflection on the human body and what it teaches us theologically. In this course students will study the anthropology of Man as understood through the lens of what has come to be known as the pope's Theology of the Body (TOB). Students will be able to articulate what it means to say that Man is "made in God's image and likeness" and show how God designed human sexuality to be a reflection of the inner life and love of the Trinity. Students will be able to extrapolate the implications of our creation as male and female and our call to authentic love, and thus to defend Catholic moral teaching on sexuality and marriage. Application of St. John Paul II's TOB to current national and global discussions on the human person, the family, and the meaning of human sexuality is a course expectation.

**CATHOLIC APOLOGETICS (B)**

COURSE NUMBER 1019

Grade Level	Credits	Term
11	.5	Semester

Catholic Apologetics offers a practical overview of Magisterial teaching on Catholic Dogma, the goal of which is to enable students to articulate a sound defense of the Catholic faith. Students will learn to form sound arguments formulating true premises, and from them, to drawing logical conclusions. The course syllabus includes Life Issues, Accepted Moral Principles, Scripture as Revelation, Apostolic Authority and the Papacy, Confession, the Eucharist, Purgatory, Sola Scriptura and Sola Fide, along with the 4 major Marian Doctrines. Students will become adept at citing Scripture, drawing on Tradition flowing from the Fathers of the Church and the Catechism of the Catholic Church, and referencing papal documents such as Humanae Vitae and Evangelium Vitae in forming a sound defense of the faith.

**CHURCH HISTORY/SOCIAL JUSTICE**

COURSE NUMBERS:

First Semester 1009

Second Semester 1011

Grade Level	Credits	Term
12	1	Year

These two subjects, Church History and Social Justice, are taught concurrently because of the natural flow in development of Christian social justice throughout the history of the Catholic Church from its birth in Jerusalem to its most recent encyclical. Practical as well as theoretical and historical, this course traces the Church's developing theology of economic justice, the dignity of each person, peace and non-violence, responsibility for the earth's resources, sexual issues as well as modern scientific possibilities and life issues on a global and personal level. Highlighted are Gospel values and the Church's teaching, encyclicals as well as martyrs, Church Fathers, Church doctors, saints and movements.



## LANGUAGE ARTS

4 Credits Needed for Graduation

### FRESHMAN ENGLISH

COURSE NUMBERS:

First Semester 1100

Second Semester 1101

Grade Level	Credits	Term
9	1	Full Year
Study Time Needed: Up to 1 hour per night.		

Freshman English is a survey of texts and genres by authors who have impacted history and culture with their ideas from ancient Greece and Rome to modern times. Authors' use of literary devices and concepts to convey their ideas along with the uniqueness of their genres will be explored through close reading, discussion, and writing. This course emphasizes writing skills at the sentence, paragraph, and essay level, including focused instruction on the conventions of Standard English, elements of argumentation, organization, and analysis.

### HONORS FRESHMEN ENGLISH

COURSE NUMBER:

First Semester 1103

Second Semester 1104

Grade Level	Credits	Term
9	1	Full Year
Prerequisite: 8th Grade teacher placement.		
Study time needed: Up to 2 hours per night.		

Honors Freshman English sets a faster pace than Freshman English, requires more independent reading, introduces increasingly complex analysis, and begins the development of essay writing and research skills that will be expected of students in Honors American Literature and Composition. Students will read a survey of materials and genres by authors who have impacted history and culture with their ideas from ancient Greece and Rome to modern times. Authors' use of literary devices and concepts to convey their ideas along with the uniqueness of their genres will be explored through close reading, discussion, and writing. Nightly reading is expected, along with self-starting, and active and engaged participation in class.

## AMERICAN LITERATURE AND COMPOSITION

### COURSE NUMBERS:

First Semester 1111

Second Semester 1112

Grade Level	Credits	Term
10	1	Full Year
Study Time Needed: 45 minutes to 1 hour per night average.		

American Literature and composition is a literature-based course that follows the path of American History. It offers students a survey of materials by authors who have impacted our history and culture beginning with the early settlers through the modern times. Writing is stressed with an emphasis on thesis, supporting details, organization, and analysis. Students will learn the process of writing a research report and delivering a persuasive speech.

## HONORS AMERICAN LITERATURE AND COMPOSITION

### COURSE NUMBERS:

First Semester 1148

Second Semester 1149

Grade Level	Credits	Term
10	1	Full Year
Prerequisite: Teacher placement, Honors Freshman English recommended.		
Study Time Needed: 1 hour per night average.		

Honors American Literature and Composition is an advanced literature-based course that follows the path of American History. It offers students an in-depth survey of materials by authors who have impacted our history and culture beginning with the early settlers through the modern times. Writing is stressed with an emphasis on thesis, supporting details, organization, and analysis. Students will learn the process of writing a research report and delivering a persuasive speech. It is a course designed for students who plan on taking an Advanced Placement English course either their junior or senior year. Students are expected to work independently inside and outside of class.

## BRITISH LITERATURE

### COURSE NUMBERS:

First Semester 1144

Second Semester 1145

Grade Level	Credits	Term
11	1	Full Year
Study time needed: Up to 1 hour per night.		

British Literature and Composition is a survey course designed to give students an introduction to the British cannon. Beginning with *Beowulf* and ending with modern

texts such as *Lord of the Flies*, this course focuses on the impact that British Literature has had on history and culture. Writing will focus on analysis of literary elements.

## HONORS BRITISH LITERATURE

### COURSE NUMBERS:

First Semester 1146

Second Semester 1147

Grade Level	Credits	Term
11/12	1	Full Year
Prerequisite: Teacher placement		
Study time needed: Up to 1 hour per night.		

Honors British Literature and Composition is an in-depth survey course designed to prepare students for Advanced Placement Literature and Composition. It offers students a comprehensive understanding of the aesthetic, thematic, and formal development of the British literary canon from the Anglo-Saxon era through modernism. Students improve their reading, thinking, and writing skills through the application of diverse critical perspectives to a wide range of writing styles.

## ADVANCED PLACEMENT LANGUAGE AND COMPOSITION

### COURSE NUMBERS:

First Semester 1115

Second Semester 1116

Grade Level	Credits	Term
11/12	1	Full Year
Prerequisite: Teacher placement. Honors American Literature and Composition and Honors British Literature are recommended.		
Study Time Needed: 1 hour per night average.		

According to the College Board, “An AP course in Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer’s purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing.”

Students should expect to complete multiple in-class timed essays. Also, students will spend time working on vocabulary and literary terms applicable to AP Language. Students will complete a research paper as well as an additional research project. To be successful in AP Language, students must be independent workers who desire to learn more about our language and how it can be used effectively in argument.

## SENIOR LITERATURE AND COMPOSITION

### COURSE NUMBERS:

First Semester 1117

Second Semester 1118

Grade Level	Credits	Term
12	1	Full Year
Study Time Needed: Up to 1 hour per night minimum		

This course provides a survey of modern literature with a humanities approach, incorporating art, music, philosophy, law, and film. Students will write persuasive and analytical essays about literature and current event topics. Writing, speaking, and critical thinking skills and how they apply to many aspects of everyday life are the focus of this course. Test taking skills and vocabulary development will also be stressed.

## ADVANCED PLACEMENT LITERATURE & COMPOSITION

### COURSE NUMBERS:

First Semester 1121

Second Semester 1122

Grade Level	Credits	Term
12	1	Full Year
Prerequisite: Teacher placement, Honors British Literature or AP Language and Composition		
Study Time Needed: 1 hour per night average.		

This course is designed for students with a special interest in English. Materials covered, expectations of work, and workload are at a college level. Students are expected to work with considerable independence at home and to contribute frequently to small group and large group discussions. Discussion forms the basis of most classes. Preparing for the AP Literature Exam is a focus along with learning to appreciate literature and writing as valid intellectual pursuits. Students will be expected to complete multiple in-class timed essays as well as do research throughout the year. Much emphasis is placed on the student's growing ability to analyze literature on his/her own. Students will be expected to study vocabulary and literary terms.

## CREATIVE WRITING

### COURSE NUMBERS: 1127

Grade Level	Credits	Term
9-12	.5	Semester
Study Time Needed: Up to 1 hour per night.		

Creative Writing is a one-semester elective course intended to explore creative writing as a distinct craft of exploration and personal expression. Poetry, fiction, and creative non-fiction are the three genres explored. This writing class is intended for students

who like to write and often journal regularly or have written poems, stories, and other creative wanderings of their own. There is no text for this course, but the instructor will provide handouts regularly. The end product of the semester is a Literary Collection of the class's work.

## ARGUMENTATION & DEBATE

COURSE NUMBERS 1120

Grade Level	Credits	Term
10-12	.5	Semester
Study Time Needed: Up to 1 hour per night.		

The special skills of critical thinking and reasoning are an important part of daily reactions to what you hear, think, and read. This class will help you to learn the art of asking the "right" questions. Students will learn the art of obtaining useful data, of pinpointing the real issue and noticing when a fellow arguer evades it, and of offering critical opinions based on those evaluations.

This course is designed to teach students public speaking skills that include engaging an audience, using effective body language, volume, and rate as well as formal debating skills. Students should expect to be in front of the class in formal speaking situations six-eight times throughout the semester.

## YEARBOOK

COURSE NUMBERS:

First Semester 1160

Second Semester 1161

Grade Level	Credits	Term
9-12	1	Full Year
Study Time Needed: Interviewing, photographing, etc. - approximately 4-6 hours weekly.		

This class will be responsible for the production of the annual school yearbook. Students will be required to go into the community and sell advertisements, create the design and theme of the book, attend multiple events to photograph, write body copy and captions of many layout assignments, and participate in fund raising events. Students will learn marketing skills, finance skills, planning and organizing with due dates, while working with In Design CS2 and Image In. Students will also learn to write from a journalist perspective and will be required to commit time out of the class period and the school day to complete assignments. **For entrance into this class students will be required to have an English teacher placement recommendation.** Editors will be required to attend summer camp.



## SOCIAL STUDIES

3 Credits Needed for Graduation

### U.S. HISTORY AND GEOGRAPHY

#### COURSE NUMBERS:

First Semester 1228

Second Semester 1229

Grade Level	Credits	Term
9	1	Full Year
Prerequisite: Successful completion of 8 <sup>th</sup> grade American History.		
Study Time Needed: Moderate grade-level reading required on a daily basis. Approximately 30 minutes per night; total 4 hours per week.		

United States History and Geography is an introductory level social studies offering. The course material appeals to and accommodates visual, auditory, and kinesthetic learning styles. U.S. History and Geography encompasses the historical, geographic, religious, civic, and economic perspectives of our nation's cultural and societal development. Geography themes are introduced, reinforced, and assessed in every learning unit. The first semester reviews important concepts and learning from the previous year including the time period of European exploration of the New World through the U.S. Civil War and Reconstruction period. This learning is not redundant in its approach. The curriculum introduces students to strategies for the development of critical thinking skills through inquiry processes, examining public discourse and public decision-making, and how to evaluate the roles of individual citizens as a means to personalize individual responsibilities in a democracy. As students progress through the curriculum, they become more aware of themselves, their community, their society, and their nation's history as well as the important role that geography has in national development. The second semester introduces students to the development of the United States as an industrial nation poised to become an important global force. The majority of the semester explores an American historical perspective of the 20<sup>th</sup> century and will include an examination of contemporary issues. Students are encouraged to think deeply about historical interpretations and topics and are expected to fully participate in technology-based instruction, unit projects, cooperative learning assignments, and to appropriately collaborate with other students to share thoughts and ideas. Successful mastery of this course will ensure that students are well-prepared for the challenges of follow-on social studies course requirements and offerings.

**Student Outcomes:** At the conclusion of this course the student will be able to:

- Identify major historical, geographic, economic, and civic events that have shaped our nation.
- Place major events in the history of the United States in chronological order understanding the cause-and-effect relationships of national development.
- Analyze the major geographic, political, social, economic, and religious events that helped shape America's national identity and unique culture.

- Demonstrate competency and understanding of important concepts in United States history and geography.

## WORLD HISTORY AND GEOGRAPHY

### COURSE NUMBERS:

First Semester 1200

Second Semester 1201

Grade Level	Credits	Term
10	1	Full Year
Prerequisite: Successful completion of 9 <sup>th</sup> grade US History and Geography.		
Study Time Needed: Extensive grade-level reading required on a daily basis. Approximately 45 minutes per night; total 5 hours per week.		

World History and Geography is a comprehensive and challenging required course of instruction offered by the Social Studies department. The course material and design appeals to and accommodates visual, auditory, and kinesthetic learning styles. Reading comprehension and note-taking strategies will be reinforced and the writing curriculum will emphasize analysis, persuasion, and research. This course encompasses the historical and geographic themes that reveal the global patterns of cultural and societal development. The scope of learning covers a vast period of time: from early human civilizations to the recent challenges of the twenty-first century. Additionally, the course emphasizes the development of critical thinking skills through inquiry processes and by examining regional and global public discourse and international decision-making. As students progress through the curriculum, they become more aware of themselves, their community, their society, and their nation's position within the global community. Students are encouraged to think deeply about historical interpretations and topics and are expected to fully participate in technology-based instruction, unit projects, cooperative learning assignments, and to appropriately collaborate with other students to share thoughts and ideas. By understanding ourselves and our relationships with other regions, cultures, and societies, students can develop a more mature perspective of our present role as global citizens and recognize patterns of change and continuity in our ever-changing world.

**Student Outcomes:** At the conclusion of this course the student will be able to:

- Identify the causes, consequences, and patterns of change in human governance systems, changes over time, and across geographic regions.
- Identify the causes, consequences, and patterns of interactions among societies, including trade, war, diplomacy, and international institutions.
- Comprehend the impact of demographic, technological, environmental, and economic changes on people, their culture, and their environment.
- Assess the causes, consequences, and patterns of cultural, intellectual, religious and social changes across the world, and among and within societies.
- Analyze the relationships between the environment and global and regional developments in population, religion, settlement, economy, and politics.
- Demonstrate competency and understanding of important concepts in global geography.



## GOVERNMENT

COURSE NUMBER 1210

Grade Level	Credits	Term
11-12	.5	Semester
Prerequisite: US History and Geography and World History and Geography		
Study Time Needed: Approximately 5 hours per week.		

This course is an introduction to the structure of the government of the United States and the political processes that are critical to the functioning of our Constitutional Republic. This course surveys the structure and functions of the US national government, our core democratic values, and Constitutional principles: the foundation of the American political system. Students study the three branches of the federal government, civil liberties and rights, the role of political behavior in the democratic process, rules governing political parties, campaigns and elections, political culture, and citizenship responsibilities. The curriculum emphasizes the development of critical thinking skills and addresses the significant role of active citizenship in every aspect of our political system. Students are encouraged to think deeply about complex topics, develop individual study skills, prepare for each class session, and are expected to fully participate in technology enhanced instruction and cooperative learning activities. Students must appropriately collaborate with other students to responsibly share thoughts and ideas in order to help each other understand diverse perspectives and to promote a supportive and productive learning environment. This course will emphasize our Catholic values as a solid foundation for fulfilling personal citizenship responsibilities.

**Student Outcomes:** At the conclusion of this course the student will be able to:

- Fully accept and embrace the responsibilities of US citizenship including voting and active positive participation in the local community while exercising their Catholic values and living a life that will inspire others to follow Christ.
- Understand the historical significance of the founding of the United States as a nation and of the US Constitution and the Bill of Rights.
- Examine the foundational principles and framework of the Federal government: The Legislative, Executive, and Judicial branches.
- Recognize and appreciate appropriate and necessary political participation in American democratic processes and the individual roles and responsibilities of all citizens.

## ECONOMICS

COURSE NUMBER 1212

Grade Level	Credits	Term
11-12	.5	Semester
Prerequisite: US History and Geography and World History and Geography		
Study Time Needed: Approximately 3 hours per week.		

A required course, Economics explores decision making as it impacts the distribution of the world's scarce resources. The course starts with an analysis of Church teaching on Economics and goes on to cover the basics of Economics: economic systems, decision making tools, microeconomics, supply, demand, and price. These skills will be learned through text, discussion, and simulation games. Students will also do a unit of personal finance using the Dave Ramsey and Banzai! programs. This unit requires the students to create a project which simulates budgeting and money management during their first year as an adult. Some activities students will complete in this project are searching for jobs and an apartment, calculating net income, saving for a car, budgeting for giving, practicing check writing, filling out employee onboarding and tax forms, and calculating retirement based on estimated monthly savings.

## MILITARY HISTORY

COURSE NUMBER 1238

Grade Level	Credits	Term
11-12	.5	Semester
Prerequisite: Successful completion of US History/Geography and World History/Geography.		
Study Time Needed: Extensive grade-level reading, and writing required on a daily basis. Approximately 45 minutes per night; total 5 hours per week.		

Military History is an advanced level, elective, one semester, social studies offering. The course material appeals to and accommodates visual, auditory, and kinesthetic learning styles. This Military History course addresses the evolution of warfare – from ancient times to the present. The curriculum emphasizes strategies for the development of critical thinking skills through inquiry processes, primary and secondary source analysis, and the synthesis of secondary social studies learning. Students are encouraged to think deeply about historical interpretations and topics and are expected to fully participate in technology-based instruction, primary source interpretation, cooperative learning, and seminar style discussions based on reading assignments, and they must appropriately collaborate with other students to share thoughts and ideas. This course will emphasize our Catholic values as they relate to public policies, patriotism, and civic duty.

**Student Outcomes:** At the conclusion of this course the student will be able to:

- Identify the essential nature of warfare throughout history.
- Place major events in the history of warfare in chronological order understanding the cause and results of conflict.
- Analyze the significant decisive battles that have shaped the course of world history.
- Assess the relationship between geography, technology, and warfare.
- Demonstrate competency and understanding of important concepts in Military history including the Catholic theological basis for Just War Theory and the virtue of military service

## AP US GOVERNMENT & POLITICS

COURSE NUMBERS:

First Semester 1253

Second Semester 1254

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: Successful completion and mastery of US History and Geography and World History and Geography; teacher recommendation is required for this elective college level course.		

This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics as well as the ability to apply concepts learned. AP Government is a college-level course and examination offered through the College Board's Advanced Placement Program. This course surveys the structure and function of American government and politics that begins with an analysis of the United States Constitution: the foundation of the American political system. Students study the three branches of government, administrative agencies that support each branch, the role of political behavior in the democratic process, rules governing elections, political culture, and the workings of political parties and interest groups. Major topics include Institutions of National Government, political beliefs and behaviors, organizations for public influence, civil rights and civil liberties, constitutional basis for federal government, and public policy. The curriculum emphasizes strategies for the development of critical thinking skills, formal testing skills, and practice of specific curricular skills that are assessed on the AP Government Exam. Students are encouraged to think deeply about study skills and are expected to fully participate in technology-based instruction, cooperative learning activities, and individual skill development and remediation. Students must appropriately collaborate with other students to share thoughts and ideas in order to help others to be successful. This course will emphasize our Catholic values as they relate to personal goal setting and tenacity in pursuit of individual choices.

**Student Outcomes:** At the conclusion of this course the student will be able to:

- Accept the responsibilities of US citizenship including voting and positive participation in the local community while exercising their Catholic values and living a life that will inspire others to follow Christ.
- Give their best effort and be prepared for the AP Government exam and possibly achieve college credit.
- Analyze the history and interpretations of the US Constitution and the Bill of Rights at the college level.
- Examine the roles, powers, and relationships between formal and informal political institutions in the United States.
- Recognize typical patterns of political processes and behavior and their consequences
- Know important facts, concepts, and theories pertaining to U.S. government and politics and apply them based on actual historical and interpretive political scenarios.

## AP PSYCHOLOGY

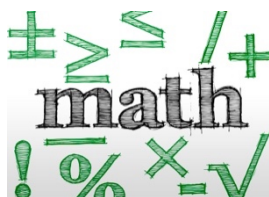
### COURSE NUMBERS:

First Semester 1242

Second Semester 1243

Grade Level	Credits	Term
11-12	1	Full Year

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major sub fields within psychology. Attention is given to the methods utilized by psychologists, as well as development of critical thinking skills. This course is designed to present an experience equivalent to that obtained in an undergraduate introductory psychology course. The students will also be prepared for the Advanced Placement examination in Psychology administered by the College Board.



## MATHEMATICS

4 Credits Needed for Graduation

## ALGEBRA I

### COURSE NUMBERS:

First Semester 1300

Second Semester 1301

Grade Level	Credits	Term
9	1	Full Year
Prerequisite: Approval by SEAS Math Department		
Study Time Needed: 3-4 hours per week.		

This course covers the following fundamental areas of algebra: equations, inequalities, graphs, percents, ratios, proportions, exponents, square roots and factoring. Application of these skills is extended to real world situations connecting algebra to geometry, statistics and probability.

## ENRICHED ALGEBRA I

### COURSE NUMBERS:

First Semester 1314

## Second Semester 1315

Grade Level	Credits	Term
9	1.5	Full Year
Prerequisite: Approval by SEAS Math Department		
Study Time Needed: 3-4 hours per week.		

This class, which meets for two class periods throughout the day, will cover all the standards and benchmarks of Algebra I with more depth and more examples, along with reviewing essential pre-algebraic concepts. Like Algebra 1, this course covers the following fundamental areas of algebra: equations, inequalities, graphs, percents, ratios, proportions, exponents, square roots and factoring. Application of these skills is extended to real world situations connecting algebra to geometry, statistics and probability. The extra time afforded by this course works to solidify a strong Algebra foundation that is essential to all future math courses. Students in this class will earn 1.5 credits; one math credit which will affect the GPA and .5 general education credit which will not affect the GPA but will count towards total credits needed for graduation. Successful completion of this course will prepare students for entry into Geometry.

## GEOMETRY

### COURSE NUMBERS:

First Semester 1305

Second Semester 1306

Grade Level	Credits	Term
9-10	1	Full Year
Prerequisite: 1) Completion of SEAS Algebra 1 proficiency exam with 75% or higher for incoming 9 <sup>th</sup> grade students. 2) Successful completion of Algebra 1 for current 9 <sup>th</sup> graders. 3) Teacher recommendation.		
Study Time Needed: 4 hours per week.		

This course provides traditional geometric principles and applications from real world settings as a basis for geometry. Topics include angles, lines, planes, triangles, polygons, circles, areas, volumes, constructions and transformations. The student will be introduced to formal geometric proofs.

## HONORS GEOMETRY

### COURSE NUMBERS:

First Semester 1334

Second Semester 1335

Grade Level	Credits	Term
9-10	1	Full Year
Prerequisite: 1) Completion of SEAS Algebra 1 proficiency exam with 85% or higher for incoming 9 <sup>th</sup> grade students.		

2) Completion of Algebra 1 for current 9 <sup>th</sup> graders with a B+ or higher.
3) Teacher recommendation.
Study Time Needed: 4-5 hours per week.

This course provides traditional geometric principles and applications from real world settings as a basis for geometry. Topics include angles, lines, planes, triangles, polygons, circles, areas, volumes, constructions and transformations. The student will be introduced to formal geometric proofs. Honors Geometry will cover more topics in greater depth than Geometry.

## ALGEBRA 2

COURSE NUMBERS:

First Semester 1309

Second Semester 1310

Grade Level	Credits	Term
10-11	1	Full Year
Prerequisite: 1) Successful completion of Algebra I. 2) Successful completion of Geometry preferred.		
Study Time Needed: 3-4 hours per week.		

This course builds connections between the algebraic, graphical, numerical, and verbal forms of problems. Students will simplify and solve equations (linear, quadratic, polynomial, rational, radical, exponential, logarithmic, and trigonometric), and analyze the graphs of these functions. Other topics include probability, statistics, and data analysis. Students will develop their problem-solving skills with real-world situations.

## HONORS ALGEBRA 2

COURSE NUMBERS:

First Semester 1318

Second Semester 1319

Grade Level	Credits	Term
9-11	1	Full Year
Prerequisite: 1) Completion of Geometry/Honors Geometry with an A- or higher. 2) Teacher recommendation.		
Study Time Needed: 4-5 hours per week.		

This course will cover topics at a faster pace and in greater depth than in Algebra 2. Connections between the algebraic, graphical, numerical, and verbal representations of problems will be utilized. Students will simplify and solve equations (linear, quadratic, polynomial, rational, radical, exponential, logarithmic, and trigonometric), and analyze the graphs of these functions. Other topics include probability, statistics, and data analysis. Students will develop their problem-solving skills with real-world situations.

## PRE-CALCULUS

COURSE NUMBERS:

First Semester 1336

## Second Semester 1337

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: 1) Completion of Algebra 2 with a B or higher. 2) Teacher recommendation.		
Study Time Needed: 3-4 hours per week.		

This course is for seniors interested in a more challenging fourth year math class. Juniors who do not plan on taking AP Calculus senior year are also eligible. Students will continue with the study of equations and inequalities, transformations, exponential and logarithmic functions, matrices, and trigonometry (identities, equations, and applications).

## HONORS PRE-CALCULUS

### COURSE NUMBERS:

First Semester 1368

Second Semester 1369

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: 1) Completion of Honors Algebra 2 with an A- or higher. 2) Teacher recommendation.		
Study Time Needed: 5 hours per week.		

This course is designed for highly motivated students who plan on taking AP Calculus the following year. Topics covered will be similar to pre-calculus, but with a greater depth and at a more rigorous pace. Additional topics will include limits and introduction to derivatives.

## AP CALCULUS AB

### COURSE NUMBERS:

First Semester 1342

Second Semester 1343

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: 1) Completion of Honors Pre-Calculus with a B or better. 2) Teacher recommendation 4) Minimum of 25 on ACT math.		
Study Time Needed: 5 hours per week.		

AP Calculus problems are approached in three ways: graphically, numerically and algebraically. Topics covered will include limits, derivatives, and integrals along with their application to real world settings. All students will take the AP Calculus AB exam in the spring.

## COLLEGE PREP ALGEBRA

### COURSE NUMBERS:

First Semester 1344

Second Semester 1345

Grade Level	Credits	Term
12	1	Full Year
Prerequisite: 1) Successful completion of Algebra 2. 2) Teacher recommendation.		
Study Time Needed: 3-4 hours per week.		

This course is for students interested in taking a fourth year of math, but not ready for pre-calculus. This class is designed to help students prepare for the math placement test in college. Additional topics may include trigonometry and statistics, and personal finance.

## AP STATISTICS

### COURSE NUMBERS:

First Semester 1353

Second Semester 1354

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisites: 1) Completion of Pre-Calculus (regular or honors) with a B or higher, or completion of Honors Algebra 2 with an A- or higher. 2) Teacher recommendation. 3) Minimum of 22 on ACT math.		
Study Time Needed: 5 hours per week.		

Students taking AP Statistics will be introduced to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The four broad conceptual themes covered in the course are: (1) exploring data, (2) sampling and experimentation, (3) probability and simulation, and (4) statistical inference. Reading, writing, and interpreting answers are critical components to this class. All students will take the AP Statistics exam in the spring.





## SCIENCE

3 Credits Needed for Graduation

### PHYSICAL SCIENCE

#### COURSE NUMBERS:

First Semester 1400

Second Semester 1401

Grade Level	Credits	Term
9	1	Full Year

Physical Science is a prerequisite for chemistry and physics. This class is a hands-on course geared towards the average ninth grader. There is no prerequisite for this class. About one to two hours a week of study and practice is needed outside of class to do well. Through labs, demonstrations and discussions, students investigate the basic concepts of physics and chemistry including: metric measurements, laboratory equipment, motion, speed, force, heat, electricity, light, sound, properties of matter, elements and the periodic table, compounds and bonding and chemical reactions.

### HONORS PHYSICAL SCIENCE

#### COURSE NUMBERS:

First Semester 1404

Second Semester 1405

Grade Level	Credits	Term
9	1	Full Year
Prerequisites: Algebra 1. SEAS teacher recommendation, proficiency in 8 <sup>th</sup> grade science curriculum by earning a minimum B+ on the mid/term and final exam as well as earning an A in the class.		

Honors Physical Science fulfills the prerequisite requirement for chemistry and physics. In contrast to the regular Physical Science course, this class moves at a faster pace and takes a more in-depth look at the concepts studied. Due to a greater emphasis on the mathematical component completion of Algebra 1 is a pre-requisite for this course. About one to two hours a week of study and practice is needed outside of class to do well. Through labs, demonstrations and discussions, students investigate the basic concepts of physics and chemistry including: metric measurements, laboratory equipment, motion, speed, force, heat, electricity, light, sound, properties of matter, elements and the periodic table, compounds and bonding, properties of acids and bases and chemical reactions.

## BIOLOGY

### COURSE NUMBERS:

First Semester 1406

Second Semester 1407

Grade Level	Credits	Term
9-10	1	Full Year

General biology is the study of living organisms. Throughout the course an emphasis is placed on strengthening the scientific reasoning process. Topics covered include biochemistry, ecology, cell physiology, genetics, DNA/RNA and microbiology. An introduction to human structure, function and reproduction is also included. Lectures, discussions, activities and labs are utilized.

## HONORS BIOLOGY

### COURSE NUMBERS:

First Semester 1410

Second Semester 1411

Grade Level	Credits	Term
9-10	1	Full Year

Honors Biology is the study of living organisms. This course follows the Biology Course but is more rigorous by going more in depth and at a faster pace. Readings and discussions occur, using supplemental materials. Projects, labs and tests are set to higher standards.

## CHEMISTRY

### COURSE NUMBERS:

First Semester 1412

Second Semester 1413

Grade Level	Credits	Term
10-12	1	Full Year
Prerequisites: Physical Science or Honors Physical Science; Algebra I (passing grade). Algebra II and Geometry are recommended.		
Study Time Needed: 1-2 hours per week.		

The class is a challenging course and requires an ability to use math and the ability to recall and synthesize complex information. The course investigates measurements in chemistry, matter, chemical formulas, moles, chemical equations, atomic structure, electron locations, periodic table, periodic properties, chemical bonding, molecular structure and polarity, kinetic theory, solids, liquids, gases, reaction rate, equilibrium, solutions, acids, bases, salts and organic compounds.

## HONORS CHEMISTRY

### COURSE NUMBERS:

First Semester 1414

Second Semester 1415

Grade Level	Credits	Term
10-12	1	Full Year
Prerequisite: Teacher recommendation. Physical Science or Honors Physical Science; Algebra I (passing grade). Algebra II and Geometry are recommended.		
Study Time Needed: 1 ½ - 2 ½ hours per week.		

The class is a challenging course and requires an ability to use math and the ability to recall and synthesize complex information. This class includes all that is done in general chemistry while going into topics covered in much more mathematical and technical detail. The curriculum will also expand beyond that taught in the general chemistry class.

## AP CHEMISTRY

### COURSE NUMBERS:

First Semester 1450

Second Semester 1451

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: Successful completion of Honors Physical Science and Honors Chemistry with an A and as well as a minimum of B+ for Algebra II. Students must also earn a minimum of 25 on the math portion of the ACT.		

AP Chemistry is a rigorous two-semester course that is the equivalent of an introductory or first year college level chemistry course that is provided to capable students in a high school environment. Students are expected to have a strong background in mathematics as AP Chemistry involves significant numerical problem solving. The goal of the class is to provide a foundation of knowledge on which to rationalize, summarize and predict the structure, properties, and behavior of materials that make up the study of chemistry. Units include Atomic Theory, Chemical Bonding and Structure, Gases, Chemical Reactions, Kinetics, Thermochemistry, Equilibrium, Acids and Bases, Thermodynamics, and Electrochemistry. The course is lab-oriented with special emphasis on guided inquiry labs.

## ANATOMY/PHYSIOLOGY

### COURSE NUMBERS:

First Semester 1416

Second Semester 1417

Grade Level	Credits	Term
10-12	1	Full Year
Prerequisite: Biology.		

Anatomy and Physiology deals with the study of the systems of the body, both their structure and function. It involves lectures, discussions and labs. Extensive dissection in the spring is used as a study tool in learning the human body systems.

## PHYSICS

### COURSE NUMBERS:

First Semester 1420

Second Semester 1421

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: Algebra 2 and Physical Science.		

The class is a challenging course and requires a high level of proficiency in math. There is one major project due each semester which will require significant work and several hours of planning outside of class for each. Each project is worth a test grade of 100 points. In this course the student will investigate measurements in physics, mathematical relationships, motion in a straight line, motion in two dimensions, graphical analysis of motion, forces, vectors, universal gravitation, and space-time exceptions to Newton's laws, energy, momentum, work, power, waves, light, and electricity.

## AP BIOLOGY

### COURSE NUMBERS:

First Semester 1446

Second Semester 1447

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: Completion of Biology and Chemistry.		

Advanced Placement Biology is a rigorous course designed to be the equivalent of a university-level freshman biology course taken by life science majors. After demonstrating proficiency (a 3 or better on the spring AP Biology Exam), students may be granted credit by a college or university and be able to take upper-level courses for which a biology/laboratory science course is a prerequisite. This course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal with the rapidly changing science of biology and its impact on society at large.

## FORENSIC SCIENCE

### COURSE NUMBER: 1457

Grade Level	Credits	Term
11-12	.5	Semester
Prerequisite: Successful completion of Physical Science, Biology, and Chemistry.		

Forensic Science is a one semester course designed to help students develop a basic understanding of the principles of forensic crime investigation. We will study the history of forensics, as well as the collection, examination, evaluation and interpretation of evidence. Some of the topics covered are DNA fingerprinting, fingerprint analysis, hair and fiber comparison, forensic entomology, forensic toxicology, and crime scene analysis. A variety of instructional strategies will be used, including: textbook reading, presentations, videos, small and large group discussion, guest speakers, hands-on activities, labs, and projects. There will be a lab fee for this course.

## FORENSIC SCIENCE 2

COURSE NUMBER: 1460

Grade Level	Credits	Term
11-12	.5	Semester
Prerequisite: Successful completion of Physical Science, Biology, and Chemistry, Forensic Science.		

Forensic Science 2 is a one semester course and is a continuation of Forensic Science class. We will continue with the study of the history of forensics, as well as the collection, examination, evaluation and interpretation of evidence. Some of the topics covered are DNA fingerprinting, fingerprint analysis, hair and fiber comparison, forensic entomology, forensic toxicology, and crime scene analysis. A variety of instructional strategies will be used, including: textbook reading, presentations, videos, small and large group discussion, guest speakers, hands-on activities, labs, and projects. There will be a lab fee for this course.

## ENVIRONMENTAL SCIENCE

COURSE NUMBER: 1458

Grade Level	Credits	Term
11-12	.5	Semester
Prerequisite: Successful completion of Physical Science, Biology, and Chemistry.		

Environmental Science is a one semester course. Through field trips, labs, discussion and class work, students will explore interrelationships in the natural world, work to identify and analyze environmental problems, and to propose and examine solutions to these problems. The course will include human population dynamics, natural resources, energy flow, human impact on environmental systems and environmental law.

## EPIDEMIOLOGY

COURSE NUMBER: 1463

Grade Level	Credits	Term
11-12	.5	Semester
Prerequisite: Successful completion of Biology.		

This course utilizes case studies and projects to develop an understanding of the spread of infectious disease and the contributing factors of behavioral diseases. Topics

include causation, correlation, measurement of disease rates, epidemic investigation, cohort studies, clinical trials, current events and some statistical analysis.



## FOREIGN LANGUAGE

2 Credits in Foreign Language

### SPANISH I

COURSE NUMBERS:

First Semester 1570

Second Semester 1571

Grade Level	Credits	Term
9-12	1	Full Year
Prerequisite: Grade of C or better in English grammar.		

Spanish I will be an introduction to the fundamentals of the sound system, structural patterns and vocabulary of the Spanish language. Early emphasis is on recognition, reproduction and comprehension of the sounds of the language with subsequent introduction to reading and writing. The culture and way of life of Spanish-speaking countries are also incorporated into the program.

### SPANISH II

COURSE NUMBERS:

First Semester 1573

Second Semester 1574

Grade Level	Credits	Term
9-12	1	Full Year
Prerequisite: Successful completion of Spanish I.		

A continuation of Spanish I with an introduction to more advanced structures. Past, future and conditional tenses are learned. The culture and way of life of Spanish-speaking countries continues to be incorporated into the program. The use of a Spanish reader, cloze procedures with authentic music and videos enhances the appreciation and understanding of the language.

### SPANISH III

COURSE NUMBERS:

First Semester 1575  
Second Semester 1576

Grade Level	Credits	Term
10-12	1	Full Year
Prerequisite: Spanish II or equivalent.		

More vocabulary, advanced grammatical structures and verb tenses are taught. Students are introduced to Spanish literature. More emphasis is placed on reading, writing and listening. Spanish culture is further explored. The use of a Spanish reader, cloze procedures with authentic music and videos enhances the appreciation and understanding of the language.

### SPANISH 4/AP SPANISH

#### COURSE NUMBERS:

First Semester Spanish 4: 1583  
First Semester AP Spanish: 1597  
Second Semester Spanish 4: 1584  
Second Semester AP Spanish: 1598

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: Spanish III or equivalent.		

All students entering AP Spanish must have passed successfully the first three years of Spanish or the equivalent thereof. The focus of the fourth year will be again on speaking, with more specific grammatical concepts will be introduced throughout the year, and a thorough review of all verb tenses from the previous year plus the subjunctive and imperfect subjunctive. Students will be engaged in original narratives, essays and skits. We will also be reading a lot and studying the culture through the readings that we do. A variety of activities will be utilized throughout the year to enhance the student's experience. This class is designed to prepare students for higher level foreign language courses with expectations similar to those found in universities. This course is comparable to a fourth semester Spanish class at the college level and involves rigorous course work with the common expectation that students will use the second language to communicate, explain, question and analyze.

#### **Philosophy of the Course**

Spanish is offered to help students develop proficiency in listening, speaking, reading and writing in the target language. The material will be presented only in Spanish so that the students become accustomed to listening, speaking and interacting in the target language. One can greatly increase their marketability in the modern job market while increasing their global awareness and communication skills.

### LATIN I

#### COURSE NUMBERS:

First Semester 1511  
Second Semester 1517

Grade Level	Credits	Term
9-12	1	Full Year
Study Time Needed: 1 hour per week		

This course will lead students in a discovery of the Latin language and classical Roman culture through reading proficiency. We will focus on reading novellas, fables, mythology, and creating stories of our own to explore and practice the language and culture of Rome. Students will also explore the Latin influences on the English language, using cognates as a vocabulary-building tool.

## LATIN II

COURSE NUMBERS:

First Semester 1676

Second Semester 1677

Grade Level	Credits	Term
10-12	1	Full Year
Prerequisites: Successful completion of Latin I		
Study Time Needed: 1 hour per week		

This course will continue where Latin 1 stopped in leading students in a discovery of the Latin language and classical Roman culture through reading proficiency. We will focus on reading novellas, fables, mythology, and creating stories of our own to explore and practice the language and culture of Rome. There will be a further focus on learning grammatical structures in order to communicate in spoken and written Latin. Students will also explore the Latin influences on the English language, using cognates as a vocabulary-building tool.

## LATIN III

COURSE NUMBERS:

First Semester 1687

Second Semester 1688

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisites: Successful completion of Latin II		
Study Time Needed: 1.5 - 2 hours per week		

Latin 3 builds on the skills and knowledge acquired in Latin 2. Students will continue to acquire vocabulary and grammatical structures and learn to communicate more fluently in speaking and writing. We will read and discuss texts by some of the most famous figures from the classic and late antiquity periods, including Julius Caesar, the poets Martial and Catullus, St. Jerome, and St. Augustine. We will learn to see and appreciate the strength and beauty of these authors' use of the Latin language and examine their ideas through the lens of a Christian anthropology. Various mini-units throughout the year will also spotlight specific areas of ancient Roman history and culture.



## HONORS LATIN III

### COURSE NUMBERS:

First Semester 1986

Second Semester 1987

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisites: Successful completion of Latin II		
Study Time Needed: 1.5 - 2 hours per week		

Honors Latin 3 builds on the skills and knowledge acquired in Latin 2. Students will continue to acquire vocabulary and grammatical structures and learn to communicate more fluently in speaking and writing. We will read and discuss texts by some of the most famous figures from the classic and late antiquity periods, including Julius Caesar, the poets Martial and Catullus, St. Jerome, and St. Augustine. We will learn to see and appreciate the strength and beauty of these authors' use of the Latin language and examine their ideas through the lens of a Christian anthropology. Various mini-units throughout the year will also spotlight specific areas of ancient Roman history and culture. Honors students will be expected to complete more projects, demonstrate a more advanced mastery of vocabulary and grammar, and analyze texts at a higher level.



## FINE ARTS

.5 Credit in Visual or Performing Arts

## SYMPHONY BAND

### COURSE NUMBERS:

First Semester 1500

Second Semester 1502

Grade Level	Credits	Term
9-12	1	Full Year
Prerequisite: Middle School participation or perform an entrance audition.		

Band is a yearlong course with an emphasis in both marching and concert performing. Marching instruction averages about twelve weeks at the beginning of the school year and will introduce and refine the fundamental skills necessary to march and play. Marching curriculum consists of proper forward, backward and side marching, roll step, facing, horn angles, spacing, 8-5 and adjusted step marching, parade rest, attention, verbal commands and responses in addition to basic group discipline and esprit de corps.

Concert instruction begins in late October as the marching season is winding down. The concert curriculum seeks to develop comprehensive musicianship by advancing concepts of mature sound production, tone, rhythm, harmony, dynamics, intonation, knowledge of musical terms, articulations, phrasing, musical interpretation, and proper application of time and key signatures. An emphasis is placed on each student being able to play and understand the 5 common band keys.

The band marches in the Cherry Festival Parade in July as well as at ALL home football games and some post season playoff games (both at home and away). There are also pre-school obligations in the summer to prepare for the parade and football halftime shows. Concert performances occur in December, February, and May. The band also performs at graduation in June. All performances throughout the year occur outside of class time and are required.

Students who take two full years of band may waive the physical education requirement.

### COLOR GUARD

COURSE NUMBER 1501

Grade Level	Credits	Term
9-12	.5	First Semester
Prerequisite: Tryout.		

This group is a part of the Marching Band and coincides with all of the requirements of the Marching Band. Auditions are required for this group and will be held in the spring, prior to the summer break. Grades will be assigned and given credit for, just the same as for the Band members.

Those auditioning who also play an instrument will fall into Concert Band rehearsals along with the rest of the band. Those members who do not play an instrument at the end of marching band will have two options: to be an aid for the band director or be enrolled into a study hall for the class period.

### DEI CANTANTI (0 HOUR)

COURSE NUMBERS:

First Semester 1518

Second Semester 1519

Grade Level	Credits	Term
9-12	.5 or 1	Semester or Full Year

This course will teach the fundamentals of singing, such as breathing techniques, diction, vocal projection, sight-reading and music interpretation. Learn to sing choral music of the renaissance period through to the contemporary styles of today. This is a ZERO hour class which will be held before school hours. This class meets two or three days per week. Members will be expected to participate in evening concerts, weekly and all school mass, Baccalaureate Mass as well as the Choral Festival.

## SELECT ENSEMBLE (O HOUR)

### COURSE NUMBERS:

First Semester 1943

Second Semester 1944

Grade Level	Credits	Term
9-12	.5 or 1	Semester or Full Year

Fall Auditions. Select Ensemble members are also members of Dei Cantanti and meet for practice two additional days per week. If the student has been in Dei Cantanti for two years, he/she can elect to participate only in Select Ensemble as junior and senior choir members.

## JAZZ BAND

### COURSE NUMBERS: 1634

Grade Level	Credits	Term
9-12	.5	Semester

Jazz band is one part a jazz appreciation class and one part a performing combo. Students who take this class will both study the various genres of jazz and perform them. If you are a proficient drummer, mallet percussionist, pianist, high brass player, flautist, saxophonist, or clarinetist who wants to broaden his or her musical horizons, has some experience in improvisation, and wants to learn how to use a Fake Book, this class is for you! PLEASE stop by and talk with Mr. Jurkiewicz prior to signing up.



## *THE ART DEPARTMENT*

The Art Department strives to develop an appreciation and awareness for the beauty that surrounds us in the world. Students are instructed in the skills and disciplines necessary to create a fine work of art. The goals of the art department are to make the students more aware of their hidden potentials and gifts, to challenge their creativity, and to help them convey their feelings and thoughts through the visual media.

Students who are interested in the arts should begin in their freshman year so that they have full opportunity to develop their creative potential. Each semester course is based on a sequential building of skills and techniques; thus prerequisites must be followed.

## SCULPTURE/METALS & JEWELRY

COURSE NUMBER: 1619

## ADVANCED SCULPTURE/METALS & JEWELRY

COURSE NUMBER: 1678

Grade Level	Credits	Term
9-12	.5	Semester

This course will consist of learning and utilizing the three main construction techniques: coil, slab, and molded form construction. Students will learn how to create pieces thrown on the pottery wheel; learn various surface decoration techniques, and traditional glazing. Students will focus on both historical pottery forms as well as contemporary ceramics.

This course also covers basic techniques and concepts of metalsmithing such as cutting, sawing, drilling, riveting, filing, and casting. Students will learn both cold and heat joining fabrication techniques to create a variety of projects including: key chains, necklaces, earrings, pins, and rings. Students will also be introduced to small scale casting as well as bending and forming techniques. All projects incorporate principles of design and place an emphasis on craftsmanship and personal expression. Materials for required work will be provided. Students may supply their own sterling silver or other optional materials such as beads, chains, and cords.

## DIGITAL PHOTOGRAPHY

COURSE NUMBER: 1668

## ADVANCED DIGITAL PHOTOGRAPHY

COURSE NUMBER 1672

Class Fee: \$10.00

Grade Level	Credits	Term
9-12	.5	Semester

This course is designed for students interested in learning the fundamentals of digital photography and digital graphics. Students learn the origin of photography and its relationship to the other arts along with various functionalities of a camera. Students will learn the fundamentals of digital photography, composition, digital editing, and the history of photography. This course is a mixture of photography, technical instruction, and discussion of student work. Digital cameras will be provided for student use while enrolled in this class. Students will be expected to spend approximately one hour every week outside of class time on a photographic assignment, but editing/uploading will be completed during class time. Additionally, in class work will include class discussions, photo exercises, and photo shoots.

## 2D ART (Drawing & Painting)

COURSE NUMBER: 1674

## ADVANCED 2D ART (Drawing & Painting)

COURSE NUMBER: 1675

Grade Level	Credits	Term
9-12	.5	Semester

Students will develop an understanding of the elements and principles of art and design. The course will primarily be devoted to developing basic observation drawing skills, creating depth on a two-dimensional surface, and learning the skills of portrait drawing. Students will study a variety of painting styles and techniques using water color, acrylics, tempera, and mixed media. Students will also learn how to successfully view and critique historical art works as well as art of the 20<sup>th</sup> century. An advanced level of this course is available with instructor approval.



## CULINARY ARTS

COURSE NUMBER: 1549

Grade Level	Credits	Term
9-12	.5	Semester

This course explores the world of cooking and it gives students the opportunity to develop skills to be used in a future career or daily life. Students will learn where our food comes from, how to follow a recipe, the importance of being safe and sanitary, and strategies in buying food. Culinary Arts is a hands-on course where the student will learn cooking techniques from grilling to baking bread. Skills gained will give the student the ability to create meals efficiently while understanding and being able to control the ingredients used, leading to a healthy future!



## THEATER ARTS

COURSE NUMBER: 1940

Grade Level	Credits	Term
9-12	.5	Semester

In this course students will learn about current philosophies, principles and techniques of creative drama. Through the use of play, imagination, improvisation, theater exercises and curriculum building students will develop their individual and group collaborative and creative skills. Skills presented in this class are applicable to classroom teaching, arts integration, leadership, team building and creative writing.

ADVANCED THEATER ARTS

COURSE NUMBER: 1952

Grade Level	Credits	Term
9-12	.5	Semester

Welcome to advanced drama! Students in this accelerated drama course will demonstrate their artistic perception and creative expression while expanding their understanding of the historical, cultural context and aesthetic values of theater. They will expand the connections, relationships, and applications of theater to other forms with a focus on the importance of professionalism in the workforce. This course will build off the foundation of first semester and further their acting experience through collaborative project-based assignments that explore many different forms of theater, both traditional and experimental.



TEST PREPARATION

ACT PREP

COURSE NUMBER

Grade Level	Credits	Term
10-11	0	5 week sessions

This class is designed to make students aware of and comfortable with the features and format of the ACT college entrance exam. The class is run during most study halls, at lunch or after school. Each session meets 5 days a week for 5 weeks. Students will learn test-taking strategies and time-management skills. They will review all of the math formulas, English grammar rules, scientific methods and models, and reading comprehension strategies.

ACADEMIC RESOURCE

COURSE NUMBERS:

First Semester 1918

Second Semester 1919

Grade Level	Credits	Term
9-12	0	Semester

This class is designed to give students additional study time throughout the school day. Academic Resource is to be used as a study hall class period and it is monitored by a teacher. Teachers will use this time to monitor the progress of your child and will provide strategies to encourage academic success. No credits are granted for this class and it will not impact GPA. Students who elect Academic Resource should expect to remain in the class and work quietly during the duration of class time.



## TECHNOLOGY

### AP COMPUTER SCIENCE PRINCIPLES

COURSE NUMBER:

First Semester 1934

Second Semester 1935

Grade Level	Credits	Term
10-12	1	Year
Prerequisite: Success in Algebra I; previous programming experience, such as an introductory course in programming (Block Code, Java); basic understanding of networks.		

AP Computer Science Principles is designed to be equivalent to a first semester introductory college computing course. Students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems and will discuss and write about the impacts these solutions could have on their community, society, and the world.



## TEACHER ASSISTANT

### TEACHER ASSISTANT

COURSE NUMBERS:

First Semester 1640

Second Semester 1641

Grade Level	Credits	Term
11-12	.5	Semester
1 Credit Maximum		

Teacher Assistant is designed to give students an opportunity to work with a high school teacher during a class period. Their duties may include, but are not limited to: photocopying, grading papers, creating bulletin boards, computer work, and helping in daily classroom activities. **Students will be expected to remain with this teacher during the entire hour.** A student may receive .5 credit for each semester (1 credit maximum) and this will not reflect a letter grade. **Students must obtain teacher permission prior to scheduling this class - each teacher may have only 3 teacher assistants per semester.**



## PHYSICAL EDUCATION

1 Credit Needed for Graduation

### EXERCISE AND HEALTH SCIENCE

COURSE NUMBER 1662 -1663

### EXERCISE AND HEALTH SCIENCE (0 HOUR)

COURSE NUMBER 1655-1656

Grade Level	Credits	Term
9-12	.5	Semester

Students will learn lessons for a lifetime that include nutrition, weight training, plyometrics, flexibility and cardiovascular fitness. The course will also incorporate elements of physics, anatomy and physiology and kinesiology. Students will develop an understanding and appreciation for the human body as well as how to stay healthy and fit for a lifetime.

The course is geared to all students, including those with little or no athletic experience. Emphasis is on strengthening the entire body. Proper weightlifting techniques, weight room safety and total body strength will be emphasized. **There is a ZERO hour option for this class, three days per week before school hours, if you would like to take this class during zero hour, please make that notation on your course selection sheet. This class meets three days per week starting at 6:45 a.m.**



# DUAL ENROLLMENT PROGRAMS

## NMC DUAL ENROLLMENT PROGRAM

Grade Level	Credits	Term
12	.5 or 1	Semester or Full Year

Part of our mission at St. Francis High School is to provide the broadest educational program we can on a cost-effective basis. To this end, we are looking beyond our walls to make additional learning opportunities available to our students. The **NMC Dual Enrollment Program** provides additional areas into which qualified students may expand. This option is available only to take courses that are not offered at St. Francis High School.

Qualified students may take college level classes while still in high school by dual enrolling at St. Francis and NMC. Students will earn a college grade, which will become part of their college transcript. It is possible for students to also earn high school credit, which may be used to meet graduation requirements at St. Francis. The student's schedule at St. Francis will take precedence so as not to compromise the quality of education. Act early if you wish to pursue this option.

A 3 credit hour NMC course can equate to 1 St. Francis credits. A student who carries 4 or more credit hours at NMC may have their course requirements at St. Francis High School modified. To attend NMC, you must have a MINIMUM Cumulative GPA of 3.3 and/or an ACT English score of 19 and an ACT Reading score of 19.

## NORTHWEST EDUCATION SERVICES PROGRAMS AVAILABLE AT THE CAREER TECH CENTER

Grade Level	Credits	Term
11-12	3	Full Year

At the Career Tech, students in grades 11-12 can develop the career and technical skills needed to compete in today's rapidly changing business and industrial world. St. Francis students attending Career Tech in the afternoon must enroll in a minimum of four classes at St. Francis. Three credits will be given for Career Tech classes in which students maintain good grades and good attendance.

Students attending Career Tech are expected to be in attendance for the entire session regardless of dismissal times for students from other schools. Students will also be expected to attend Career Tech on those days when St. Francis High School only has a half-day of school unless specifically excused by St. Francis. **See the counselor for a more complete description of the program.**