

St. Francis High School

Part Of The

Grand Traverse Area Catholic Schools

2010-2011 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	Religion
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 Languages
1 credit	Physical Education (or 2 credits of band or 4 high school sports seasons)
.5 credit	Visual and performing arts (Band, Art, Vocal Music, Photography, Sculpture, Culinary Arts)

All students will be required to take the Michigan Merit Exam during their junior year.

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 in the course of the regular school day. With expanded elective classes offered before and after school, there may be option of finishing the school day earlier. The counselor and the principal must approve special arrangements.

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.

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. Students will gain online experience and public speaking experience in the core curriculum.

SAINT FRANCIS HIGH SCHOOL CURRICULUM 2010-2011

RELIGION (4 credits required)

No.	Course	Grade	Sem
1001	Introduction to Catholicism A	9	Sem 1
1002	Introduction to Catholicism B	9	Sem 2
1005	Old Testament	10	Sem 1
1006	New Testament	10	Sem 2
1009	Church History/Social Justice A	11	Sem 1
1011	Church History/Social Justice B	11	Sem 2
1012	Major World Religions	12	Sem 1
1013	Catholic Apologetics	12	Sem 2

LANGUAGE ARTS (4 credits required)

1100-1101	Freshman English	9	Year
1103-1104	Honors Freshman English	9	Year
1105-1106	Classic Literature & Composition	10	Year
1109-1110	Honors Literature & Composition	10	Year
1111-1112	American Literature & Composition	11	Year
1121-1122	AP Language & Composition	11	Year
1117-1118	World Language & Composition	12	Year
1115-1116	AP Literature & Composition	12	Year

Language Arts Electives

1127	Creative Writing	9-12	Sem
1130	Argumentation & Debate	9-12	Sem
1150	Public Speaking	9-12	Sem
1152-1153	Arts and Awareness	9-12	Year
1160-1161	Yearbook	9-12	Year

SOCIAL STUDIES (3 credits required)

Social Studies Required Courses:

1228-1229	U.S. History/Geography	9	Year
1200-1201	World History/Geography	10	Year
1210	Government	11-12	Sem
1212	Economics	11-12	Sem

Social Studies Electives:

1223-1224	Post 1945 History	11-12	Sem/Year
1230	Psychology	11-12	Sem 1
1231	Advanced Psychology	11-12	Sem 2
1237	Globalization in the 21 st Century	11-12	Sem
1238	Military History	12	Sem
1239	Current Events	11-12	Sem
1208-1209	AP U.S. History	11	Year
1241	AP Government	11-12	Year
1242-1243	AP Psychology	11-12	Year
1249	Music of America	10-12	Sem
1250	International Terrorism	11-12	Sem

MATHEMATICS (4 credits required)

1300-1301	Algebra 1		Year
1305-1306	Geometry		Year
1334-1335	Honors Geometry		Year
1309-1310	Algebra 2		Year
1318-1319	Honors Algebra 2		Year
1336-1337	Pre-Calculus		Year
1342-1343	AP Calculus AB		Year
1344-1345	College Prep Algebra		Year

SCIENCE (3 credits required)

1400-1401	Physical Science	9	Year
1406-1407	Biology	9, 10	Year
1410-1411	Honors Biology	9, 10	Year
1412-1413	Chemistry		Year
1414-1415	Honors Chemistry		Year
1416-1417	Anatomy and Physiology		Year
1420-1421	Physics		Year
1426-1427	Applied Science		Sem / Year

FINE ARTS (1/2 credit required)

1500	Band	9-12	Sem
1501	Color Guard	9-12	Sem
1502	Symphonic Band	9-12	Sem
1518-1519	Vocal Music	9-12	Sem/Year
1520	Art 1A	9-12	Sem 1
1521	Art 1B	9-12	Sem 2
1522	Art 2A	10-12	Sem 1
1523	Art 2B	10-12	Sem 2
1524	Art 3A	11-12	Sem 1
1525	Art 3B	11-12	Sem 2
1528	Art 4A	11-12	Sem 1
1529	Art 4B	11-12	Sem 2
1530	Sculpture/Ceramics	9-12	Sem
1541	Photography	9-12	Sem
1542	Advanced Photography	9-12	Sem
1543	Portfolio Prep – Photography	9-12	Sem
1549	Culinary Arts	9-12	Sem
1595	Culinary Arts II	9-12	Sem

FOREIGN LANGUAGE (2 credits required)

1570-1571	Spanish 1	9-12	Year
1573-1574	Spanish 2	9-12	Year
1575-1576	Spanish 3	10-12	Year
1583-1584	Spanish 4	11-12	Year

TEST PREPARATION

1596	ACT Prep	10-11	Sem
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BUSINESS AND TECHNOLOGY

1600-1601	Computer Applications	9-12	Sem/Year
1624	Web Publishing	9-12	Sem
1604-1605	Library Training	9-12	Sem
1626	SFTV	10-12	Sem
1628	Advanced SFTV	10-12	Sem

TEACHER ASSISTANT

1640-1641	Teacher Assistant – High School	11-12	1 or 2 Semesters
1642-1643	Teacher Assistant – Elementary School	11-12	1 or 2 Semesters

PHYSICAL EDUCATION (1 credit required)

1660	Physical Education and Health	9	Sem 1
1661	Advanced PE	9	Sem 2
1662	Exercise and Health Science	10-12	1 or 2 Semesters

DUAL ENROLLMENT

TC Central High School	1 or 2 Semesters
Northwestern Michigan College	1 or 2 Semesters
Manufacturing Technology Academy (MTA)	Year

TRAVERSE BAY AREA INTERMEDIATE SCHOOL DISTRICT – CAREER TECH CENTER

All TBA CTC Courses are full year courses for 11th and 12th graders
See Mrs. Maday for course descriptions or visit <http://www.tbaisd.k12.mi.us/>

1800-1801	Accounting/Office Technology
1802-1803	AgriScience/Natural Resources
1804-1805	Auto Body Repair
1808-1809	Automotive Technology
1834-1835	Computer Programming and Web Design
1810-1811	Construction Trades
1812-1813	Culinary Arts/Hospitality
1814-1815	Drafting & Design Technology
1816-1817	Early Childhood Education
1820-1821	Electrical Occupations
1826-1827	Allied Health Careers
1822-1823	Information Technology Academy
1824-1825	Manufacturing Technology Academy
1830-1831	Power Equipment Technology
1832-1833	Precision Machining Technology
1836-1837	Public Safety
1838-1839	Skilled Trades
1840-1841	Teachers Academy
1828-1829	Therapeutic Careers in Medicine
1842-1843	Visual Imaging Technology
1846-1847	Web On-Line
1844-1845	Welding



RELIGIOUS EDUCATION

4 Credits Needed For Graduation

The Department of Religious 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.

Freshmen and sophomore Christian service is centered on the neighborhood, school and Church. These areas mesh with the courses taught in those grades.

Christian service for juniors is at the community level and dovetails with the Social Justice aspects of their religion course.

For seniors, the emphasis is on relationships. Students are guided in establishing and developing an individual relationship with a person in need.

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". Cost approx. \$175.00.

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 beginning with The Call to Holiness and finishing with the Beatitudes requires the students to know exactly 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 of up to an hour is required, as is essay writing, outside research, and group projects.

The course utilizes Introduction to Catholicism, A Complete Course, published by the Midwest Theological Forum, and the accompanying workbook.

OLD TESTAMENT

COURSE NUMBER 1005

Grade Level	Credits	Term
10	.5	Semester

During the first semester of the sophomore year the student's life will come to an understanding of the Old Testament Scriptures. A major awareness will be an acquaintance with the word "covenant" and its importance in our lives. A second understanding will be that of Biblical typology, whereby characters and events in the Old Testament point forward to a person or reality in the New Testament.

Students will be required to read textbook chapters with accompanying Scripture and respond to study questions aimed at fortifying the students' understanding of materials read.

NEW TESTAMENT

COURSE NUMBER 1006

Grade Level	Credits	Term
10	.5	Semester

This class covers the divisions and content of the New Testament books with special emphasis on the formation and message of the Gospels. Students will study the world of the New Testament, the Incarnation, what Jesus taught and what He did, and study "The Cup of Consummation". The Catholic Youth Bible (New Revised Standard Version) is used at length.

As the Season of Lent approaches, the sophomore student can expect to create a Lenten calendar, requiring the quotation and citation of multiple pieces of Scripture. Additionally, students can

expect to have some homework, will be required to read textbook chapters along with Scripture and respond to the study questions which accompany this reading.

**CHURCH HISTORY/SOCIAL JUSTICE A
COURSE NUMBER 1009**

Grade Level	Credits	Term
11	.5	Semester

**CHURCH HISTORY/SOCIAL JUSTICE B
COURSE NUMBER 1011**

Grade Level	Credits	Term
11	.5	Semester

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.

**MAJOR WORLD RELIGIONS
COURSE NUMBER 1012**

Grade Level	Credits	Term
12	.5	Semester

Course Description:

In this course students will learn the basic doctrines, scripture, practices, and historical/geopolitical situations of five major world religions – Hinduism, Buddhism, Islam, Judaism, and Christianity.

The course begins with a discussion of ontological philosophy where students are introduced to the Greek philosophical thinking of Socrates, Plato, and Aristotle. They learn how Christians have addressed ontological arguments using St. Thomas Aquinas and his famous *Quinque Via* – the Five Ways to argue for existence of God.

The second unit is on the oldest of the major religions – Hinduism. Students study some of the major deities that comprise the 300 million gods in the Hindu pantheon and learn about two of their most famous scriptures – *The Bhagavad Gita* and *The Ramayana*. In the third unit, students are taught the various forms and practices of Buddhism, which is derived from Hinduism. The next unit is on Islam - the first of the three monotheistic religions studied in the course. In addition to learning the doctrines of Islam, students study Muslim beliefs and practices, and are introduced to Islamic sacred scripture - *The Quran*. We also discuss the historical and geopolitical aspects of this religion, in light of Islam’s increasingly prominent role on the global stage.

The fifth unit is on Judaism where students study its historical dimensions and understand how the roots of Judaism are the foundational blocks for Catholicism. In the final unit on Christianity, students study the document *The Martyrdom of Perpetua and Felicity* and compare it to present-day persecutions of Christians. Other topics include an overview of the Eastern Orthodox churches and their relationship with Rome, and the study of the ecumenical Vatican II document on the Church's relationship with non-Christian religions - *Nostra Aetate*

Projects: Hinduism: reenactment of the story in the Hindu scripture, *The Bhagavad Gita*,
 Buddhism: interpretation of the Noble 8 Fold Path
 Islam: Muslim News Broadcast
 Judaism: Hannukah celebration

Exams: Each unit has a test: Philosophy, Hinduism, Buddhism, Islam, Judaism, and Christianity

**CATHOLIC APOLOGETICS
 COURSE NUMBER 1013**

Grade Level	Credits	Term
12	.5	Semester

Course Description: An overview of contemporary Catholic belief; includes Catholic Anthropology, Theological Apologetics, Epistemology, Philosophy, Reason and the intellect, the Church identity, Conscience, Law and Authority, Scripture as Revelation, Accepted Moral Principles, and John Paul II's Theology of the Body.

Purpose of the Course: This course provides a basic examination and defense of Catholic beliefs and how they are expressed and actively pursued within the Catholic Church in a secular world.



LANGUAGE ARTS

4 Credits Needed for Graduation Plus .5 Speech Credit

Students must have two semesters of English every year. Additionally, every student must take one semester of a speech class, which can be chosen from public speaking, debate, yearbook or video production.

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 emphasizes writing skills at the sentence, paragraph and essay level, as well as the conventions of Standard English. The concepts of characterization, conflict, point of view, setting, theme, and plot structure and basic literary analysis are approached through a variety of literature. Text: Literature, Gold (Prentice Hall) and teacher selected novels.

Long-term Projects: Reading and studying *Romeo and Juliet*, several formal essays, non-fiction research project.

HONORS FRESHMEN ENGLISH

COURSE NUMBER:

First Semester 1103

Second Semester 1104

Grade Level	Credits	Term
9	1	Full Year
Prerequisite: 8th Grade teacher recommendation.		
Recommended Test Scores: <i>Explore</i>: English = 13; Reading = 15		
Study time needed: Up to 2 hours per night.		

This course is designed to challenge those 9th grade students who have excelled in language arts. This year long course increases the speed of material presentation, has more independent reading, introduces increasingly complex analysis, and expands on essay writing and research skills. The students read novels, study non-fiction genres, an epic drama, poetry, and creative writing. Text: Literature Gold (Prentice-Hall), MLA Handbook and selected outside works.

This class sets a much faster pace than Freshman English. Nightly homework is expected, as is self-starting and a high degree of personal integrity for school work. Accommodations and tutoring are not normally provided for the higher ability Honors student.

Long-term Projects: Read *Romeo and Juliet*, *Who Will Tell My Brother*, non-fiction research, formal essays, embedded research paper.

CLASSIC LITERATURE AND COMPOSITION

COURSE NUMBERS:

First Semester 1105

Second Semester 1106

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

This course is a continuation of the Freshman English curriculum. A variety of literary genres are covered including a Shakespearean play, novels, nonfiction and poetry. Emphasis is placed on the comprehension of difficult texts as well as developing higher level thinking skills. Students are continually drafting, (at least one major paper and/or project per unit) rewriting, and practicing their writing skills through many essay formats. Text: Literature, Platinum (Prentice Hall), MLA Handbook Sixth Edition, and teacher selected novels.

HONORS LITERATURE AND COMPOSITION

COURSE NUMBERS:

First Semester 1109

Second Semester 1110

Grade Level	Credits	Term
10	1	Full Year
Prerequisite: Teacher recommendation, Honors Freshman English recommended.		
Recommended Test Scores: <i>Explore</i>: English = 13; Reading = 15		
Study Time Needed: 1 hour per night average.		

Students will continue to develop writing and reading skills established in Freshman English. They will analyze literature, examining various genres and writing methodologies. Students will study the short story, Greek and English drama, develop and extend their vocabulary and grammatical skills. Students are expected to work well independently, preparing them for the rigors of AP level English courses. Text: Literature, Platinum (Prentice Hall) and teacher selected novels.

Students will read at list six major works throughout the year and should expect to spend time reading outside of class. Students will be expected to write in-class timed essays as well as a research paper.

AMERICAN LITERATURE AND COMPOSITION

COURSE NUMBERS:

First Semester 1111

Second Semester 1112

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

American Literature and Composition is a literature-based course following 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 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. Text: American Literature, (Prentice Hall) MLA Handbook and several novels

Long-term Projects: Persuasive speech, several formal research papers, read three novels, Great Gatsby Magazine on the Roaring 20s.

ADVANCED PLACEMENT LANGUAGE AND COMPOSITION

COURSE NUMBERS:

First Semester 1121

Second Semester 1122

Grade Level	Credits	Term
11	1	Full Year
Prerequisite: Teacher recommendation, Honors Literature and Composition.		
Recommended Test Scores: ACT: English = 15; Reading =17		
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. Text: The Language of Composition by Shea, Scanlon & Aufses.

WORLD LITERATURE AND COMPOSITION

COURSE NUMBERS:

First Semester 1117

Second Semester 1118

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

This course will provide a survey of World Literature. The class will be thematic in approach covering different time periods and cultures from the Medieval through the 21st Century. This course will include a humanities approach, incorporating art, music, philosophy, law, and film. Emphasis will be placed on writing skills such as analysis, business writing, and personal response (at least one research paper and major paper and/or paper with each unit). Test taking skills and vocabulary development will also be stressed. Other teaching devices include group projects and research projects. Text: British Tradition (Prentice Hall), MLA Handbook Sixth Edition, and various fiction/nonfiction books.

ADVANCED PLACEMENT LITERATURE & COMPOSITION

COURSE NUMBERS:

First Semester 1115

Second Semester 1116

Grade Level	Credits	Term
12	1	Full Year
Prerequisite: Teacher recommendation, AP Language and Composition.		
Recommended Test Scores: PLAN: English = 18; Reading =21		
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 NUMBER 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 o 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 AND DEBATE I
COURSE NUMBER 1130**

Grade Level	Credits	Term
9-12	.5	Semester
Study Time Needed: 30 minutes per night average.		

The special skills of critical thinking and reasoning are an important part of daily reactions to what you hear, think, and read. This course is designed to present you with a set of systematic strategies which should increase your abilities to react critically and to form arguments. Arguers seek to gain the acceptance of others for their point of view. This class will help you to learn the art of asking the "right" questions, including right questions about your own thoughts. You will learn the art of mustering reasons, of obtaining useful data, of pinpointing the real issue and noticing when an arguer evades it, and of offering critical opinions based on those evaluations. Critical thinking isn't just an art; it is a disposition and a commitment. This course is especially appropriate for students who are interested in careers in law, public service, education, the ministry, or any position requiring leadership and advocacy activities. This course is designed to teach you formal debating skills, as well as informal strategies for advocating and arguing positions. These skills will be honed as we examine reasoning in speeches, conversations, essays, and group deliberations. Students will be required to participate in **at least one** of the Northern Michigan Debate League competition nights (5 Wednesday evenings from mid-October thru mid November).

Each competition is approximately three hours of after school time. Students will work independently on projects and speeches throughout the semester and should have the maturity to handle this responsibility. Much emphasis is placed on computer-aided research. Having the capability to research outside of class in advantageous.

**PUBLIC SPEAKING
COURSE NUMBER 1150**

Grade Level	Credits	Term
9-12	.5	Semester
Study Time Needed: 30 minutes per night average.		

This course is designed to help students acquire self-confidence and poise while developing the ability to express themselves verbally. Emphasis is on student's ability to organize, to structure, to research, to compose and to deliver their ideas. Text: Public Speaking Today

Students will deliver at least six formal speeches throughout the semester and should expect to spend time practicing and researching outside of class.

ARTS AND AWARENESS

COURSE NUMBERS:

First Semester 1152

Second Semester 1153

Grade Level	Credits	Term
9-12	1	Full Year

This course is designed for students with a special interest in the arts' community. *Arts and Awareness* is a wonderful opportunity to learn about writing, arts and entertainment events throughout our community, and what goes into creating a dramatic performance. Students are expected to work with considerable independence and to contribute frequently to small group and community projects. General writing skills as well as competence in speaking and listening as tools of learning will be stressed.

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 recommendation and have an interview with the Yearbook Advisor.** Editors will be required to attend summer camp.

Independent Yearbook will not be offered.



SOCIAL STUDIES
3 Credits Needed for Graduation

WORLD HISTORY AND GEOGRAPHY

COURSE NUMBERS:

First Semester 1200

Second Semester 1201

Grade Level	Credits	Term
10	1	Full Year
<p>Prerequisite: Successful completion of 9th grade US History and Geography. World History and Geography is required for all 10th grade students and successful completion is mandatory in order to meet the secondary Social Studies curriculum requirements for graduation.</p>		
<p>Study Time Needed: Extensive grade-level reading required on a daily basis. Approximately (45) minutes per night; total (5) hours per week.</p>		

Course Description:

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.

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 8th grade American History. U.S. History and Geography is required for all 9th grade students and successful completion is mandatory in order to meet the secondary Social Studies curriculum requirements for graduation.		
Study Time Needed: Moderate grade-level reading required on a daily basis. Approximately (30) minutes per night; total (4) hours per week.		

Course Description:

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 20th 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.

ADVANCED PLACEMENT U.S. HISTORY

COURSE NUMBERS:

First Semester 1208

Second Semester 1209

Grade Level	Credits	Term
11	1	Full Year

Surveying the history of the United States begins with the colonial period, and ends with international affairs and domestic changes in the post-1945 period, to present. In the Preface to the text, AMERICAN PEOPLE, the authors state that one of their major goals is to provide students with a rich, balanced, and thought-provoking treatment of the American past. The course is designed to provide a comprehensive overview of U.S. history and provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. Students should learn to assess historical materials, their relevance to; a given interpretive problem, reliability and importance, and to weigh the evidence and interpretations presented in historical scholarship. This course develops the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. The goal is for students to be prepared to take the college-level examination, which can earn a year college credit in U.S. History. Preparation for this exam, as well as course requirements, will include striking a balance between learning factual knowledge and increasing critical thinking skills of analysis, interpretation, synthesis and evaluation.

GOVERNMENT

COURSE NUMBER 1210

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

Course Description:

Ideals of popular sovereignty, limited government, separation of powers, checks and balances, judicial review, federalism, a citizen’s responsibility, and the voting process will be studied as a live experiment on how and why government is needed to ensure personal liberty. A heavy focus will be on the creation and meaning of the Constitution of the United States.

- Units:** Principles of Government
 Origins of American Government
 The Constitution
 Federalism
 Executive Branch
 Legislative Branch
 Judicial Branch

Political Parties
Electoral Process

Philosophy:

This course is designed to give the beginning voter abilities to responsibly take part in the political process of the United States. Fundamental concepts are discussed to prepare the college student for a continuation of learning and participation towards issues that face modern America.

Long range/heavily weighted projects: Researched project and essay on “Does the United States need to change the way war is made in light of Islamic extremism?”, political newspapers, develop a candidate’s election campaign.

**ECONOMICS
COURSE NUMBER 1212**

Grade Level	Credits	Term
11-12	.5	Semester

A required course, Economics explores the way people throughout modern history determine how resources will be used, and more importantly at what cost. This course provides a hands-on learning experience through the creation of a real company run by students that will raise capital, produce and sell a product to the local community, and be liquidated at the end of the semester. Students will gain a fundamental knowledge of the interdependent parts of an economy, the corporate world, and the language unique to business. In addition to running their own company students will complete several projects, interview guest speakers, and develop skills needed in college.

**POST 1945 HISTORY
COURSE NUMBERS:
First Semester 1223
Second Semester 1224**

Grade Level	Credits	Term
11-12	.5 or 1	Semester or Full Year
Study Time Needed: Approximately 3 hours per week.		

Post 1945 American History will deal with recent and current American history beginning after WWII. Areas to be explored are;

FIRST SEMESTER: End of WWII, The Growth of Communism, The Cold War, the Korean and Vietnam War, Economic and Cultural growth in the 1950’s, the turbulent 1960’s, The Hippy Movement, John F. Kennedy, The Civil Rights movement, The Space Race

SECOND SEMESTER: Bay of Pigs, 1970’s Gas Shortage, Watergate, The Reagan Years, The Fall of Communism, The Economic Boom of the 1990’s, The Internet, The Computer Revolution, Science Innovation, the Gulf War and Sept. 11th and its consequences.

Philosophy of the Course:

To know about, understand, and apply social, economic, and political solutions to present day issues, it is absolutely necessary to know and understand the genesis of social, economic, and

political situations that have lead the United States to exist as it does today. The world today is filled with many issues that confront the identity of the only superpower in the world, the United States of America. As a responsible citizen of the United States, it is necessary to have the foundation of history to effectively confront current day issues so that each citizen can maintain the ideals set forth in the Constitution of the United States.

It is recommended that students take the full course, however to meet student demand a student may enter the course at the semester.

Long range/heavily weighted projects: 1 researched project, journal, multiple essays.

**PSYCHOLOGY
COURSE NUMBER 1230**

Grade Level	Credits	Term
11-12	.5	Semester

This course provides a unique learning experience ranging from personal evaluations to major psychological theories. Topics will include dream analysis, abnormal psychology, child development, personality, and learning theories. The text is Understanding Psychology, 8th Edition.

**ADVANCED PSYCHOLOGY
COURSE NUMBER 1231**

Grade Level	Credits	Term
11-12	.5	Semester

This course provides a unique learning experience ranging from personal evaluations to major psychological theories. Topics will include dream analysis, abnormal psychology, child development, personality, and learning theories. The text is Understanding Psychology, 8th Edition.

**GLOBALIZATION IN THE 21ST CENTURY
COURSE NUMBER 1237**

Grade Level	Credits	Term
11-12	.5	Semester
Prerequisite: Completion of sophomore year.		

Course Description:

This course will study the application of Catholic teaching by the Church in the 21st century. Issues such as terrorism, life issues, economics, and politics will be studied from a current event lens and applied to Catholic theology.

This course will use papal encyclicals, Magisterium teachings, scripture, leading Catholic theologians and intellectuals, and human reason to enlighten the student about what the Church teaching is, why it is promoting certain ideas, what is the relevance to today’s world, and what it could mean for the future of the Church and humanity as a whole.

The linkage of economies, ideas, policies, and cultures within the human family has increased dramatically since 2000. The interdependency on many levels now creates many questions regarding human identity. The core of the Catholic person will be the foundation for studying these current and global issues.

The course work will entail a large amount of reading from modern theologians and intellectuals

- on: Economics
- Politics
- Terrorism
- Life Issues
- Environmental Issues
- Nationalism
- War

**MILITARY HISTORY
COURSE NUMBER 1238**

Grade Level	Credits	Term
12	.5	Semester
<p>Prerequisite: Successful completion of all required social studies courses in the offered curriculum prior to the 12th grade. This is a one semester social studies elective offered during the 2009/2010 academic year.</p>		
<p>Study Time Needed: Extensive grade-level reading and writing required on a daily basis. Approximately (45) minutes per night; total (5) hours per week.</p>		

Course Description: Military History is an advanced level 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. Reading comprehension and note-taking strategies will be reinforced and the writing curriculum will emphasize analysis, persuasion, and research. This course is specifically designed to prepare students for the rigors of a liberal arts college curriculum. Advanced learning success skills will be introduced and reinforced. 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.

**ADVANCED PLACEMENT GOVERNMENT
COURSE NUMBER 1241**

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: Completion of Sophomore Year and teacher recommendation.		

This course is designed for students with a special interest in American Government. Collegiate level work is demanded. This work will include a large amount of individual work at home and intense participation within groups. A true commitment is needed to approach this course.

Specific focus of this course will be on the unique process and purpose of the American governmental system. Executive, Legislative, and Judicial branches will be studied at the Federal, State, and local level. Foreign Policy will also be a critical focus.

An average of 30 to 40 pages of reading a week is the norm for this course. Timed essays, research projects, and quizzes on the readings will be expected of the students. A grade of 1 through 5 is how the grades are given on the AP test. 3 is passing, however many schools, such as U of M and MSU, require a score of 4 or 5 for credit.

**AP PSYCHOLOGY
COURSE NUMBER 1242-1243**

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

3 Credits Needed for Graduation (Grade 12)
4 Credits Needed for Graduation (Grades 9-11)

ALGEBRA I

COURSE NUMBERS:

First Semester 1300

Second Semester 1301

Grade Level	Credits	Term
9-10	1	Full Year
Prerequisite: Approval by Math Department Recommended Test Scores: PLAN = 19; Explore = 17		
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.

GEOMETRY

COURSE NUMBERS:

First Semester 1305

Second Semester 1306

Grade Level	Credits	Term
9-11	1	Full Year
Prerequisite: 1) Completion of Algebra I proficiency exam with an 80% or higher. 2) A teacher recommendation. Recommended Test Scores: PLAN = 19; Explore = 17		
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
9-12	1	Full Year
Prerequisite: 1) Completion of Algebra I with a B or better. 2) RIT score of at least 240 on the MAP test. 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 will cover more topics in greater depth than Geometry.

ALGEBRA II

COURSE NUMBERS:

First Semester 1309

Second Semester 1310

Grade Level	Credits	Term
10-12	1	Full Year
Prerequisite: 1) Completion of Algebra I. 2) Completion of Geometry preferred.		
Study Time Needed: 3-4 hours per week.		

This course emphasizes facility with algebraic expressions and forms, especially linear and quadratic forms, powers and roots, and functions based on these concepts. Students study logarithmic, trigonometric, polynomial and other special functions both for their abstract properties and as tools for modeling real world situations.

A Summer Algebra II class may be offered.

HONORS ALGEBRA II

COURSE NUMBERS:

First Semester 1318

Second Semester 1319

Grade Level	Credits	Term
9-12	1	Full Year
Prerequisite: 1) Completion of Algebra I with a B or better. 2) A cumulative GPA of 3.4 or better. 3) A RIT score of at least 245 on the MAP test. 4) A teacher recommendation.		
Recommended Test Scores: PLAN = 19; Explore = 17		
Study Time Needed: 3-4 hours per week.		

This course will take an in depth look at systems of equations and quadratic functions. It will use real life situations to model exponential and logarithmic functions. The class will move at an accelerated pace and the students will have to rely on critical thinking along with teacher facilitation to master the expectations of this honors course.

PRE-CALCULUS**COURSE NUMBERS:****First Semester 1336****Second Semester 1337**

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: 1) Successful completion of Algebra 2 with a B or better. 2) A teacher recommendation.		
Study Time Needed: 5 hours per week.		

This course is for seniors who are looking to take a fourth year of mathematics or for juniors who are on track to take Calculus. This course will continue with the study of conic sections, exponential and logarithmic functions, sequences and series, Trigonometry (identities, equations, and applications), and polar and parametric equations. Also included: the topics of limits and an 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) Successful completion of Pre-Calculus with a B or better. 2) A teacher recommendation. 3) Completion of the Calculus placement test with an 80% or higher.		
Study Time Needed: 5 hours per week.		

This course provides the option of taking the AP Calculus AB exam in the spring. Calculus problems are approached in three ways: graphically, numerically and algebraically. Topics covered will include limits, derivatives with their applications, and integrals with their applications.

COLLEGE PREP ALGEBRA**COURSE NUMBERS:****First Semester 1344****Second Semester 1345**

Grade Level	Credits	Term
12	1	Full Year
Prerequisite: 1) 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 college-level algebra. Additional topics may include trigonometry and statistics.



SCIENCE

2 Credits Needed for Graduation (Grade 12)
3 Credits Needed for Graduation (Grades 9-11)

PHYSICAL SCIENCE

COURSE NUMBERS:

First Semester 1400

Second Semester 1401

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

Physical Science is a prerequisite for chemistry and physics. The class is a hands on course geared towards the average ninth grader. There is no prerequisite for the class. About one hour a week of study and practice is needed outside of class to do well. There are no projects or papers due. The course is a lab oriented investigation into metric measurements, laboratory equipment, force and work, moving objects, laws of motion, properties of matter, elements and the periodic table, electron locations, compounds and bonding, solutions, chemical reactions, acid and bases, salts, heat, electricity, light and sound. Lab Fee \$15. Text is Physical Science Work-Text (1993).

HONORS PHYSICAL SCIENCE

COURSE NUMBERS:

First Semester 1404

Second Semester 1405

Grade Level	Credits	Term
9	1	Full Year
Study Time Needed: 1 ½ hours per week.		

The class is a hands on course geared towards the average ninth grader. There is no prerequisite for the class. About one and a half hours a week of study and practice is needed outside of class to do well. The students will need to write a 30 line summary for each of 15 articles that are provided them for the first semester worth about 150 points. And 3 research papers second semester worth 200 points in addition to the general physical science course. There is a lab fee of \$15. The text is Physical Science Work – text (1993).

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. This study focuses on cellular biology as well as genetics and microbiology. An introduction to human structure and function is also included. Lectures, discussions, activities and labs are utilized. Lab Fee \$15. Text is Biology (Prentice Hall, 2008). Chapters expected to be completed are 1, 4-13, 18, 24-33, 14-23 chronologically. HIV/AIDS is also covered using materials recommended by the Diocese of Gaylord.

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. The text is Biology (Prentice Hall, 2008). Chapters expected to be completed are: 1, 4-13, 18, 24-33, 14-23 chronologically. Readings and discussions occur, using supplemental material provided by Prentice Hall. Projects, labs and tests are set to higher standards. Admittance is at the beginning of the school year. Since this is a year long course new admissions or early exits are not allowed. Participation in the DNA Workshop offered through Ferris State University is mandatory. Lab fee is \$15. HIV/AIDS is also covered using materials recommended by the Diocese of Gaylord.

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. There are no projects or papers due. 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. Lab Fee \$15. Text is Chemistry, A Modern Course (1983).

HONORS CHEMISTRY

COURSE NUMBERS:

First Semester 1414

Second Semester 1415

Grade Level	Credits	Term
10-12	1	Full Year
Prerequisite: 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. We meet for one extra class period every Friday at 7:00 a.m. and go into the topics covered in general chemistry in much more mathematical and technical detail. We also go into some areas not covered in general chemistry. There is a lab fee of \$15. The text is Chemistry, A Modern Course (1983).

ANATOMY/PHYSIOLOGY

COURSE NUMBERS:

First Semester 1416

Second Semester 1417

Grade Level	Credits	Term
11-12	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 is used as a study tool in learning the human body systems. Lab Fee \$25.00 to cover the cost of dissection specimens. Text is Textbook of Anatomy and Physiology, Anthony & Thibodeau (1987) and The Anatomy Coloring Book, Kapit and Elson (1977). All units in the text will be covered.

PHYSICS

COURSE NUMBERS:

First Semester 1420

Second Semester 1421

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: FST and Physical Science.		
Study Time Needed: 2-3 hours per week.		

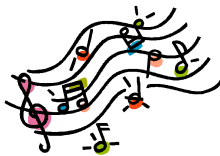
The class is a challenging course and requires a high level of proficiency in math. There is one major project due each semester which will require about 8 hours of work and several hours of

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, graphical analysis of motion, forces, vectors, motion in two dimensions, universal gravitation, space-time exceptions to Newton's laws, momentum, work, power, waves, light, electricity. Lab Fee \$15. Text is Physics Principles and Problems (1986) and the lab manual is Physics Principles and Problems (1986). Chapters to be completed are 1-11, 15-24.

APPLIED SCIENCE
COURSE NUMBERS:
First Semester 1426
Second Semester 1427

Grade Level	Credits	Term
11-12	.5 or 1	Semester or Full Year
Prerequisite: <u>Completion</u> of physical science and chemistry and <u>interview</u> with both the elementary and high school teacher with whom student will be working.		

This is an applications course in which the student, along with the elementary and high school teachers with whom he/she will be working, will choose several topics to be researched. The student will be required to write a research paper on each of these topics and apply the information gained by being a science aide to an elementary teacher. The duties of the student will include setting up and taking down labs, helping the elementary teacher conduct the lab or demonstration, assisting students and answering questions or directing the students to where they can find the answers to their questions, etc.



FINE ARTS

.5 Credit in Visual or Performing Arts

PERFORMING ARTS TRIAD

There are many students at St. Francis High School whose interest in vocal music or drama conflicts with their interest in Band. To accommodate those students, vocal music and drama will be offered on a for-credit basis with the classes scheduled outside of the regular school day. All regular course requirements, including attendance and grading will be incorporated into these new courses.

BAND
COURSE NUMBER 1500

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

Students will participate in marching band, concert (504) /symphonic (501) band, pep band, jazz band, solos and ensembles as appropriate opportunities arise and dictate. Concerts, festivals and summer marching band are required. Uniform deposit 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.		

Members of the Color Guard Squad perform as a flag / dance team with the marching band. When the marching season is concluded, members will contribute to the program at the direction of the band teacher. This will include playing instruments, preparing programs and acting as a “band manager”.

This course may also be taken on an “audit” or non-credit basis with the permission of the instructor. The student performer is required to prepare for and participate in all color guard activities. When the color guard season is finished the student will be assigned to a study hall.

SYMPHONIC BAND
COURSE NUMBER 1502

Grade Level	Credits	Term
9-12	.5	Second Semester
Prerequisite: Entrance Audition.		

Focuses more on the “basics” and plays a lighter or more “Pops” oriented literature. Less advanced students receive instruction and materials pursuant to their ability

VOCAL MUSIC
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. Vocal Music will be offered 0 hour or 8th hour. Please sign up for the one that works for you!

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.

ART 1

COURSE NUMBERS:

First Semester 1520

Second Semester 1521

Grade Level	Credits	Term
9-12	1	Full Year

Students will develop an understanding of the elements and principles of art and design. The first semester will primarily be devoted to developing basic observational drawing skills, creating depth on a two-dimensional surface, and learning about color theory. The second semester will focus more on a deeper exploration of color theory and wet media painting techniques. Students will also learn how to successfully view and critique historical art works as well as art of the 20th century. Completed work is displayed in GTACS' Festival of the Arts.

ART 2

COURSE NUMBERS:

First Semester 1522

Second Semester 1523

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

This course builds upon concepts learned in Art 1 with an emphasis on further developing design and composition skills. Areas of concentration are drawing and painting from observation and learning about art history. Students will be introduced to clay work to create traditional ceramic forms and creating various forms of sculpture. Students in this class will have an opportunity to participate in advanced community/school art events and collaborative projects. Completed work will be displayed in GTACS' Festival of Arts.

ART 3**COURSE NUMBERS:****First Semester 1524****Second Semester 1525**

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite: Art 1, Art 2		

This course places more emphasis on the artist developing their artistic intent and focus and conveying their ideas about certain topics successfully in their own art. Areas of focus will include drawing, painting, sculpture, and clay. Students will be introduced to current trends in the art world such as the elements of post-modernism. Students in this class will have the opportunity to participate in advanced community/school art events and collaborative projects. Completed work will be displayed in GTACS' Festival of the Arts.

ART 4**COURSE NUMBERS:****First Semester 1528****Second Semester 1529**

Grade Level	Credits	Term
11-12	1	Full Year
Prerequisite Art 1, Art 2, Art 3		

This course focuses on the development of the student portfolio. Emphasis is placed on perceptual skills – the ability to draw from direct observation; and concept – the use of formal art elements to successfully convey their ideas and intent. Students will also be introduced to current trends in the art world such as the elements of post modernism. Students in this class will have the opportunity to participate in advanced community/school events and collaborative projects. Completed work will be on display in GTACS' Festival of the Arts.

SCULPTURE/CERAMICS**COURSE NUMBERS:****First Semester 1530****Second Semester 1531**

Grade Level	Credits	Term
10-12	.5	Semester

The ceramics portion of the class will consist of learning to make objects out of clay utilizing three main techniques: coil, slab and molded form construction. Different techniques and method of glaze and/or surface decoration will also be studied in this class.

The sculpture portion of this class will consist of making sculptures by additive (built) and subtractive (carved) processes and creating found object sculptures. Materials used in this class include clay, plaster, metal, wax, wire, paper, wood and found objects.

**PHOTOGRAPHY I
COURSE NUMBER 1541**

Grade Level	Credits	Term
9-12	.5	Semester
Study Time Needed: 1-3 hours weekly.		

In this course students will document the world around them in black and white film on a traditional, fully manual 35mm SLR camera. Once an understanding of apertures, shutter speeds and composition are in place, students will be allowed to explore with a digital camera.

Magical moments will be revealed to each student upon processing their own film and printing their images in the darkroom. An exploration about this wondrous fine art and its beginnings will be discussed along with the master photographers that inspire us with passion.

To provide a fully manual SLR Manual Film Camera and/or an adjustable digital camera would help each student to have an ability to freely shoot with less time constraints.

Course Load: Film provided, students will spend outside of class time of approximately 2 hours every 2 weeks on a photographic assignment. Within the semester there are 2-3 writing assignments of 2 hours each.

**ADVANCED PHOTOGRAPHY
COURSE NUMBER 1542**

Grade Level	Credits	Term
9-12	.5	Semester
Prerequisite: Photography I		
Study Time Needed: 2-3 hours per week		

In this course students will continue exploring photography on black and white film on a traditional, fully manual, 35mm SLR camera and the digital camera. Photoshop will be integrated during this advanced class to enhance, manipulate and change images on the computer.

To provide a fully manual SLR Manual Film Camera and/or an adjustable digital camera would help each student to have an ability to freely shoot with less time constraints.

Course Load: Photograph images about 2-3 hours every other week. Some computer work outside of class for research, ½ hour per week.

PORTFOLIO PREP - PHOTOGRAPHY
COURSE NUMBER 1543

Grade Level	Credits	Term
10-12	.5	Semester
Prerequisite: Photography I, Advanced Photography and teacher recommendation.		
Study Time Needed: 2-3 hours per week.		

A continuation of Advanced Photography with an emphasis on creating a portfolio of high quality prints, learning specialized techniques to enrich images and explore various darkroom and photoshop elements.

To provide a fully manual SLR Manual Film Camera and/or an adjustable digital camera would help each student to have an ability to freely shoot with less time constraints.

Course Load: Photograph images about 2-3 hours every other week. Some computer work outside of class for research, 1/2 hour per week.

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!



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.		

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. Text: *Buen Viaje!* Level 1, and ancillary materials to be provided by the instructor as needed.

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. Text: *Buen Viaje!* Level II, and ancillary materials to be provided by the instructor as needed.

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. Text and workbook: *Basic Spanish Grammar*, Readers: *La Gitamilla*, *Adventuras de Alejandro* and ancillary materials to be provided by the instructor as needed.

SPANISH IV**COURSE NUMBERS:****First Semester 1583****Second Semester 1584**

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

Basic grammar and structures are reviewed and weekly compositions are written in Spanish. The subjunctive mood is emphasized and practiced through graded exercises. Oral presentations are given monthly on various topics. Further acquaintance with the Spanish culture and literature continues. Text: *La Galería de Arte y Vida!* plus graded readers, music and videos.



**BUSINESS, MANAGEMENT, MARKETING, & TECHNOLOGY
(BMT)
Michigan Career Pathways**

COMPUTER APPLICATIONS

COURSE NUMBERS:

First Semester 1600

Second Semester 1601

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

Computer Applications is a computer driven course that provides students the opportunity to acquire important skills for their education (both at Saint Francis and College) and working in the professional world. CA helps to develop technology skills, design skills, management skills, and communication skills that students can use everyday to enhance their academic performance all the while making their lives' easier.

As a project based course students take a hands-on approach to explore various computer programs and, more importantly, learn how to maximize their potential. While most people are familiar with Microsoft Office programs, the most popular family of software in the world, few people truly understand the full range of capabilities these programs offer and sadly force themselves into years of producing sub-standard work. Don't let this happen to you! Sign up for CA and become a better student, learn how to impress future professors & employers, conduct market research in downtown Traverse City, have fun everyday (...almost everyday), work smarter – not harder, gain insight into the life of small business owners, and much more.

A full year of Computer Applications is strongly recommended.

WEB PUBLISHING

COURSE NUMBER 1624

Grade Level	Credits	Term
9-12	.5	Semester

Students will develop skills that lay the foundation for producing web-ready communications through learning about graphic design principles, storyboards, web development, project management, and redesign. Throughout the semester, students work with a variety of graphical images, animations, and various websites. Four key skill development areas include: analyzing, planning, organizing, and developing audience focused websites.

LIBRARY TRAINING

COURSE NUMBERS:

First Semester 1604

Second Semester 1605

Grade Level	Credits	Term
9-12	.5	Semester

Prerequisite: Library recommendation.

Library Training is a hands-on work experience. Students learn about the organization of the library, the use of reference tools and materials, and the care and operation of A-V equipment. This course is designed to familiarize students with resources available in the school library and to provide them with skills for employment in the community or while in college and, at the same time, provide assistance in the operation of the library. Students may take library training in place of a study hall.

SFTV

COURSE NUMBER 1626

Grade Level	Credits	Term
10-12	.5	Semester

Study Time Needed: 2 hours per week.

This class may be used to fulfill Public Speaking requirement (for seniors).

In this course, the student learns all of the aspects necessary to produce a live television broadcast to air on the high school network – SFTV. They learn media literacy, ie., how to identify target markets and their demographics; how to produce news reports, conduct television interviews, write scripts, develop storyboards, execute camera moves and techniques, present in front of a camera, and professionally light a set. The students work on production crews producing their own weekly live broadcasts. They learn how to operate the television control room and studio equipment, including cameras, microphones, lights, a video switcher with chroma key, audio board, microphones, monitors, and DVD input systems. The class challenges the student's creativity, management skills, ability to work in a crew, and meet deadlines. Time outside of class is an average of 2 hours a week, involving the required reading and shooting video of school functions. Semester projects including producing two electronic news gathering reports on school events.

IMPORTANT: This class requires that the student **MUST** be available for shooting assignments outside of school time and have reliable transportation for such activities. The inability of the student to fulfill assignment requirements which require work outside of class will negatively affect a student's grade and experience in the class.

**ADVANCED SFTV
COURSE NUMBER 1628**

Grade Level	Credits	Term
10-12	.5	Semester
Prerequisite: Introduction to Television and Video Production I		
Study Time Needed: 3-4 hours per week.		

In this course, students will pick up where they left off in Introduction to Television and Video Production I. They will continue to produce projects to air on the SFTV network. In addition, they will learn how to write, shoot and edit video documentaries and music videos. They will learn how to edit video on the Adobe Premier editing system. Other material covered is budgeting and marketing video projects, copyright issues, freedom of speech and privacy laws with regard to video. This advanced class will challenge the student's creativity and ability to tell a story using the video medium. Time outside of class is an average of 3-4 hours a week which includes reading assigned material, writing, shooting and editing video. Long range projects include producing editorials, PSAs, commercials and a music video for SFTV.

IMPORTANT: This class requires that the student **MUST** be available for shooting assignments outside of school time and have reliable transportation for such activities. The inability of the student to fulfill assignment requirements which require work outside of class will negatively affect a student's grade and experience in the class.



TEACHER ASSISTANT

TEACHER ASSISTANT – HIGH SCHOOL

COURSE NUMBERS:

First Semester 1640

Second Semester 1641

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

TEACHER ASSISTANT – ELEMENTARY SCHOOL

COURSE NUMBERS:

First Semester 1642

Second Semester 1643

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

Teacher Assistant is designed to give students an opportunity to work with an elementary teacher or 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.**



PHYSICAL EDUCATION

1 Credit Needed for Graduation

PHYSICAL EDUCATION/HEALTH

COURSE NUMBER 1660

Grade Level	Credits	Term
9-12	.5	Semester

Physical Education is a course designed to help students assess fitness and health components. This class includes health education curriculum (nutrition, diet, cardiovascular disease, stress). Students will be exposed to a variety of fitness activities including team and individual sports. Emphasis will be on improvement and maintenance of a healthy level of fitness. Activity days will alternate with classroom health education days to demonstrate to the student the correlation between physical education, health, and a wellness-based lifestyle. An alternative for the PE requirement is two full years of band or four high school sports seasons.

**ADVANCED PHYSICAL EDUCATION
COURSE NUMBER 1661**

Grade Level	Credits	Term
9-12	.5	Semester

This course will provide students with an opportunity to experience a variety of fitness activities that can be valued throughout their lifetime. Students will be required to create their own personal fitness plan for use following the class. Health education curriculum will also be covered in this course (drugs, muscles, goal setting, personal fitness plan). Emphasis will be on the importance of lifelong fitness.

**EXERCISE AND HEALTH SCIENCE
COURSE NUMBER 1662**

Grade Level	Credits	Term
10-12	.5	Semester
Instructor permission required.		

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 weight lifting techniques, weight room safety and total body strength will be emphasized. This course may meet before, during or after school hours. Instructor permission required.

DUAL ENROLLMENT PROGRAMS

TRAVERSE CITY CENTRAL HIGH SCHOOL

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

It is possible for a St. Francis student to take a class at the public high school. Arrangements must be made in advance of each semester with the counselor at St. Francis. Certain courses may require prerequisites and/or teacher recommendation. The student's schedule at St. Francis will take precedence. This option is available only to take courses that are not offered at St. Francis.

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. The students will 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 will equate to .5 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 qualify for this program, students must call NMC at 922-1041 to arrange to take the COMPASS test. See your high school counselor for details.

MANUFACTURING TECHNOLOGY ACADEMY

Grade Level	Credits	Term
11-12	4 or 4.5	Full Year

The Manufacturing Technology Academy is a two-year high school program that integrates courses in science, mathematics, economics and English around the theme of manufacturing. Tenth grade students apply to the Academy and are interviewed by members of the MTA Manufacturer's Council, and students are accepted on the basis of attitude and enthusiasm as well as grades.

Potential Academy students should have an interest in manufacturing, business, mathematics and technology along with problem solving and hands-on learning. In addition, applicants should have a good attendance record, a strong work ethic and should have successfully met and exceeded all tenth grade academic requirements.

Students learn real-world industrial skills along with a rigorous academic curriculum. MTA students complete an internship with a local manufacturing company and participate in company tours, job shadowing, special projects at manufacturing facilities and industry-led seminars. Each student is matched with a mentor from industry. Students may apply to the National Technical Honors Society. MTA students also participate in regional and national engineering and design competitions such as Skills USA/VICA competitions and the Society of Manufacturing Engineers' Student Robotic Challenge (now called National Robotics & Technology Invitational), and have won top honors in both competitions.

The Manufacturing Technology Academy is in session between 7:30 and 11:30 a.m. Monday through Friday at Northwestern Michigan College's new M-TEC facility in Traverse City.

Students can earn four credits their junior year (mathematics, science, English and technology) and 4 ½ credits their senior year by adding ½ credit of economics to their mathematics, science, English and technology core.

TRAVERSE BAY AREA INTERMEDIATE SCHOOL DISTRICT PROGRAMS AVAILABLE AT THE CAREER TECH CENTER

Grade Level	Credits	Term
11-12	3	Full Year

At the TBA Career Tech Center, 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 TBA 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 TBA 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.**

****PROPOSED NEW CLASSES****

CURRENT EVENTS COURSE NUMBER 1239

Grade Level	Credits	Term
11-12	.5	Semester

This course will emphasize news analysis and analytical thinking. It is intended to allow students a venue to explore current events that are of interest to them and to determine the impact these events may have on their lives. The curriculum will be student driven but some examples of possible topics include the Wars in Afghanistan & Iraq, global warming, concussions in the NFL, the healthcare debate, Mexico's drug war, green energy, illegal immigration, pop culture, economic woes, tensions in the Middle East, how other countries view America, the Obama Presidency, Iran's nuclear ambitions, etc.

MUSIC of AMERICA COURSE NUMBER 1249

Grade Level	Credits	Term
10-12	.5	Semester

Music of America is a journey through the evolution of America's popular music. This is a course designed to study American history focusing on its people and the music they created. The journey will begin with the plantation songs of imported slaves and travel chronologically through other popular genres ending with gangster rap. Along the way will be the blues, jazz, rock n roll, hip-hop, and many others. Special attention will be placed upon the turbulence of the 1960s and the Vietnam War era. Students need not be musical to participate, but should have an interest in listening to and analyzing music.

INTERNATIONAL TERRORISM COURSE NUMBER 1250

Grade Level	Credits	Term
11-12	.5	Semester
Prerequisite: Completion of sophomore year.		

Course Description:

- This class will examine the phenomenon of transnational terrorism by non-state actors.
- Ideology, psychology, and strategies of major transnational groups are addressed to provide an understanding of their long-term goals and operations.
- Terrorist groups' relationships with WMD proliferation and organized crime are examined, together with possible future trends in terrorist operations.
- Case studies of key groups will be used to provide comparative analysis.
- Implications for Catholic "Just War" responses to global terrorism and its consequences.

**CULINARY ARTS II (8TH HOUR)
COURSE NUMBER 1595**

Grade Level	Credits	Term
9-12	.5	Semester
Prerequisite: Successful completion of Culinary Arts I and teacher recommendation.		

Let's cook! It is time to put Culinary Arts I skills to work! Culinary Arts II is a one semester class that will utilize the cooking techniques learned in Culinary I producing food for a variety of venues including after school events as well as catering opportunities. Be prepared to cook, making food from scratch by using local Michigan products. Let's have fun after school and let's get cooking.

**ACT PREP
COURSE NUMBER 1596**

Grade Level	Credits	Term
10-11	.5	Semester

This class is designed to make students aware of and comfortable with the features and format of the ACT college entrance exam. Students will learn test-taking strategies and time-management skills. All students will take the equivalent of several full-length sample ACT exams during the course of this class and record their progress. They will review all of the math formulas, English grammar rules, scientific methods and models, and reading comprehension strategies using past ACT exams as practice.