

Academic Course Book



2018 – 2019

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WESTCHESTER, IL 60154**

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Non-Discrimination Statement: St. Joseph High School maintains a policy of non-discrimination on the basis of race, color, and national origin in its admissions policies and practices, educational programs and activities.

St. Joseph High School: Mission and Purpose

Saint Joseph High School is a Catholic, Christian educational community formed in the LaSallian tradition whose MISSION is to provide a Christian education for young women and men of diverse economic and cultural backgrounds. We inspire students to discover their God-given talents, empower them to be lifelong learners and challenge them to achieve their potential as compassionate women and men of faith.

Graduation Outcomes

Upon graduation from Saint Joseph High School, students will be able:

- To minister to the needs of others, especially the poor.
- To demonstrate a strong work ethic and the ability to collaborate.
- To act as men/women of peace and justice.
- To act as responsible, respectful citizens and members of the global community.
- To demonstrate healthy habits that insure a lifestyle that is physically, intellectually, emotionally and spiritually balanced.
- To evaluate, solve problems and make decisions.
- To express themselves creatively and respect the talents of others.
- To use technology and be able to analyze its impact.
- To use communication skills for reading, writing, listening and speaking.
- To demonstrate the skills and attributes of lifelong learners.
- To think critically in the information age.
- To utilize investigation skills and techniques.

Introduction

This Academic Course Book is designed to help students plan their 4-year program of study at Saint Joseph High School. Student and parents should review this document thoroughly. Students should ask for assistance from administrators, counselors, teachers, and parents in preparing for the following school year. This Course Book is a catalogue of the courses to be offered at Saint Joseph High School during the 2018 – 2019 school year.

For assistance please see:

Ms. Diane Palumbo	Director of Counseling
Mr. John Korso	School Counselor
Ms. Nancy Boros	Director of Technology/Fine Arts
Ms. Stephanie Calderon	Dean of STEM
Ms. Katherine Pool	Dean of Humanities
Ms. Kristin Kalal	Dean of Students
Ms. Danielle Wagner	Dean of Academics / Student Services
Dr. Ronald Hoover, Ed.D.	Principal
Brother Thomas Harding, F.S.C.	President

STATE OF ILLINOIS BOARD OF HIGH EDUCATION

The Illinois Board of Higher Education establishes statewide minimum admission standards for public colleges and universities in Illinois. The following high school subjects will be required of students entering many universities. Please note that these requirements are in line with Saint Joseph High School graduation requirements.

MINIMUM REQUIREMENTS

UNITS SUBJECTS

4	<u>English</u>	Emphasizing written and oral communication while analyzing literature
3	<u>Social Studies</u>	Emphasizing history and government including civics
3	<u>Mathematics</u>	Introductory through Advanced Algebra, Geometry, Trigonometry, Computer Programming/Science
3	<u>Science</u>	Laboratory sciences – primarily Physics, Chemistry, Biology
2	<u>Modern Language/Fine Arts</u>	Fine and Applied Arts curricula may allow the substitution of two years of any combination of art, music or modern language

Graduation Requirements

HONORS PROGRAM REQUIREMENTS

The Saint Joseph High School Honors Program is a rigorous college preparatory curriculum-preparing students with skills of critical thinking, problem solving and creating thinking to be successful in the 21st Century. These students take challenging courses designed to prepare them for success on college entrance examinations and for admittance to college.

Required Credits– 23.5 credits

Religion	4	Economics	.5
English	4	Health	.5
Mathematics	3	Physical Education	1.0
Social Studies	3	Fine Arts Elective	.5
Science	3	Electives	1.5
Modern Language	3		

COLLEGE PREPARATORY PROGRAM REQUIREMENTS

The College Preparatory Program prepares students with the course background necessary for admission and successful performance at the college level.

Required Credits– 22.5 credits

Religion	4	Economics	.5
English	4	Health	.5
Mathematics	3	Physical Education	1.0
Social Studies	3	Electives	1.5
Science	3		
Modern Language or Fine Arts	2		

COLLEGE PREP B PROGRAM REQUIREMENTS

The College Prep B program of studies is designed to provide students with the opportunity to study college preparatory courses with greater academic support. It is designed to prepare the student for entrance into college, junior college, professional school and/or the workplace.

Required Credits– 22.5 credits

Religion	4	Economics	.5
English	4	Health	.5
Mathematics	3	Physical Education	1.0
Social Studies	3	Electives	2.5
Science	2		
Modern Language or Fine Arts	2		

REQUIREMENTS FOR ALL STUDENTS

- All students must pass the United States Constitution tests as required by state law.
- There is a 40-hour service requirement for graduation. It is recommended that students perform 10 hours per year. The Service Learning Coordinator monitors this and updates the hours quarterly.
- All Freshman and Sophomores participate in a one day retreat program
- Junior year, an overnight religious retreat is required.
- All students will complete the following cycle of courses within the Social Studies department: World Cultures, US History and Government and Civics as required by law.
- All students will complete the following cycle of courses within the Mathematics department: Algebra 1, Geometry and Algebra 2.

NCAA (National Collegiate Athletic Association)

Division I Academic Requirements

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletic scholarships, and/or compete during their first year.

Core – Course Requirements
Complete 16 core courses in the following areas: <ul style="list-style-type: none"> • 4 years of English • 3 years of math (Algebra 1 or higher) • 2 years of natural/physical science (1 year of lab if offered) • 1 year of additional English, math or natural/physical science • 2 years of social science • 4 years of additional courses (any area above, foreign language or comparative religion/philosophy)

Full Qualifier	Academic Redshirt
Complete 16 core courses: <ul style="list-style-type: none"> • Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school • Seven of the 10 core courses must be in English, math, or science 	Complete 16 courses
Earn a core-course GPA of at least 2.300	Earn a core-course GPA of at least 2.00
Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see NCAA Eligibility website)	Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see NCAA Eligibility website)
Graduate high school	Graduate high school

Full Qualifier: College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt: College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term but may NOT compete during their first year of enrollment.

Nonqualifier: College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

NCAA (National Collegiate Athletic Association)

Division II Academic Requirements

College-bound student-athletes enrolling at an NCAA Division II school need to meet the following academic rules to practice, compete and/or receive athletics scholarships during their first year.

Core – Course Requirements
Complete 16 core courses in the following areas: <ul style="list-style-type: none"> • 3 years of English • 2 years of math (Algebra 1 or higher) • 2 years of natural/physical science (1 year of lab if offered) • 2 year of social science • 3 additional years of English, math or natural or physical science • 4 additional years of English, math, natural or physical science, social science, foreign language, comparative religion or philosophy

Full Qualifier	Partial Qualifier
Complete 16 core courses	Complete 16 courses
Earn a core-course GPA of at least 2.20	Earn a core-course GPA of at least 2.00 OR
Earn an SAT combined score of at least 820 or an ACT sum score of at least 68	Earn an SAT combined score of at least 820 or an ACT sum score of at least 68
Graduate high school	Graduate high school

Full Qualifier: College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier: College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term but may NOT compete during their first year of enrollment.

Nonqualifier: College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

- ❖ All Saint Joseph courses in the areas of English, Math, Science, Foreign Language and Social Studies are NCAA approved unless noted otherwise.
- ❖ NCAA eligibility rules do not approve any computer courses, business electives, fine arts or religion as core courses unless noted otherwise.

Registration and Course Selection

Yearly course selection is a very important step in a student's high school experience. Each year, counselors visit Religion and English classes in early spring to instruct and guide all students on the course selection process. Teachers also play an important role in the guidance and approval process. A corresponding letter is sent home to parents/guardians. Course selection should be viewed with graduation requirements and college entrance planning in mind.

Important Factors to consider:

- In order to graduate from SJHS students must successfully complete four years of English and Religion, three years of Math and Social Studies, two-three years of Science, two years of a Modern Language or Fine Arts (or combination of each), one year of P.E., one semester of Economics and one semester of Health.
- We strongly recommend four years of Math, Science and Modern Language for college bound students.
- A variety of electives are offered within each department for students to explore.
- A maximum of one study hall is allowed each semester.

Schedule Conflicts and Changes

Due to the complexity of scheduling student courses, students and parents are advised that there are conflicts that may prohibit students from enrolling in all of the courses they select. Conflicts may include the following: enrollment, limited sections of a course, facility limitations that impact the ability to offer a course, teacher availability, registration priorities, etc. We encourage students to take the time to select courses wisely. Generally, schedule changes are not permitted after students' course requests have been entered into the computer system by the student. When a student registers in a given course, he or she is expected to complete the course. However, course changes may be allowed for serious academic reasons in special cases. In the event that a schedule change is necessary, please review the following:

- Student should initially consult with his or her parent, the teacher, the Dean of Academics and their counselor regarding any change request.
- All placement changes must be completed before May 25, 2018. Students should initiate the process by consulting with his or her counselor.
- Schedule Change Forms are located in the counseling office. This form must be completed fully in order for the request to be processed.
- There is a \$25 fee to be paid to the business office for changes of electives or study halls other than errors (duplicate classes, incorrect level etc.) on student schedules.
Note that all courses are not taught every period and courses may be full at this time.

POLICY FOR FAILURES

A student who fails a required academic class during the school year is required to retake that course during the summer.

Course Listings by Department

Business & Technology

The Business, Computer and Information Technology Department at Saint Joseph High School is dedicated to preparing students for a rapidly changing world by expanding each student's knowledge and skills in business, computer and information technology. We believe the knowledge, skills and ethics taught are necessary for active, life-long participation in a global, informational society—fostering success in one's personal life, college study and career choice.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
8273	Business Law 1	.50	Semester	None	Open	10 11 12

This course is an introductory level business course that will acquaint students with an understanding of business law and personal law. Students will learn how to identify legal and ethical issues and be able to apply law and ethics to issues and situations. Topics covered include: common law, law and its functions, common torts, contracts, court systems, and negotiable instruments

8274	Business Law 2	.50	Semester	Business Law 1	Open	10 11 12
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This course continues to explore the significant relationships between the individual and the law within our present American legal system. Students will learn how to identify Areas covered in this course include: the buying and selling of goods, the many forms of insurance, and the purchase of real and personal property.

8275	Accounting 1	.50	Semester	C or better in Math courses	Open	10 11 12
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This course is an introductory class for students to become familiar with Accounting concepts as they relate to business and personal financial situations. In addition to journalizing, preparing financial statements, and analyzing business information, several other areas are introduced – checking accounts, payroll processing and computerized accounting systems.

8276	Accounting 2	.50	Semester	C or better in Accounting 1	Open	10 11 12
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This course is an introductory class for students to become familiar with Accounting concepts as they relate to business and personal financial situations. In addition to journalizing, preparing financial statements, and analyzing business information, several other areas are introduced – checking accounts, payroll processing and computerized accounting systems.

8278	Marketing	.50	Semester	None	Open	10 11 12
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This course is designed for the student who may be considering a career in business. Students in this course will discuss theory and application of marketing principles within the business world today. The following topics will also be discussed: marketing theory, marketing mix, target markets, marketing research, and marketing strategy. This is a project based course. By the end of the semester students will have developed a business plan.

8279	Economics	.50	Semester	None	Open	11 12
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This course will provide students with an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. Students will be introduced to the major characteristics of the mixed market economic system in the U.S. and how basic economic questions are answered. Emphasis will be placed on the individual's role as producer, consumer, saver and taxpayer in relation to the system. NCAA approved.

8183	Computer Apps	.50	Semester	None	Open	10 11 12
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Students will learn how to use the Microsoft Word, PowerPoint, and Excel applications to create documents, presentations, and spreadsheets. The class is taught using a task and exercise based approach. The subject matter focuses on examples that have practical application for both academic assignments and business tasks.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
8189	Intro/Computer Programming	.50	Semester	C or better in Alg 1 or Teach Approval	Teacher Approval	10 11 12

Students will experience object-oriented programming using Python. Students will learn the basic principles of program design and problem solving with computers. You will design and write code that will draw pictures on the screen and allow a user to interact with your program while using a mouse. Python is highly interactive and by learning the syntax and logic of this programming language, you will find it easy to transition to other programming languages.

8197	Web Page Development	.50	Semester	None	Teacher Approval	10 11 12
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Students will gain valuable real life skills by designing and developing websites. Students will develop basic web pages using the Hypertext Markup Language (HTML) and Cascading Style Sheets. More advanced web pages will be designed using a web page development software package.

Course Listings by Department

English

The mission of the English Department of Saint Joseph High School is to empower our students to be effective communicators. The department utilizes a skill-based curriculum so that young people learn to listen actively, speak coherently, read comprehensively, and write grammatically. In this way graduates will communicate as faith-filled, responsible, and humane leaders of the future.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
3311	English 1	1.0	Year	Placement Test Scores	Placement Staff	9

The objectives of this course are to continue building foundations pertaining to understanding and mastering the English language and literature. In this novel-based course which explores historical and contemporary issues and ideas by writers from diverse cultures and backgrounds, students will be introduced to different literary elements, genres, and text forms in order to recognize how these are incorporated into writing for real-world situations. Students will respond to long and short reading assignments through a variety of writing assignments, with a strong focus on producing well-developed analytical paragraphs and essays. Students will continue to work on developing writing skills through study of grammar, mechanics, usage, and syntax, structure and organization. All students will participate in a workshop on plagiarism and appropriate use of source materials.

3312	English 1	1.0	Year	Placement Test Scores	Placement Staff	9
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The objectives of this course are to assist students in developing an understanding of the English language and literature to achieve grade-level mastery. In this novel-based course, students will be introduced to different literary elements, genres, and text forms in order to recognize how these are incorporated into writing for real-world situations. Reading and writing assignments are based on a recursive process to support students as they improve those skills. Students will respond to long and short reading assignments through a variety of writing assignments, with strong focus on producing well-developed analytical paragraphs. Students will work extensively on developing writing skills through study of grammar, mechanics, usage, and syntax, as well as structure and organization of ideas. All students will participate in a workshop on plagiarism and appropriate use of source materials.

3313	English 1 H	1.0	Year	Placement Test Scores	Placement Staff	9
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The objectives of this course are to develop a deep and rich understanding of English language and literature through novel-based units which explore historical and contemporary issues and ideas by writers from diverse cultures and backgrounds. Students will begin to work with literary elements, genres, and text forms in order to recognize how these are incorporated into writing for real-world situations. Students will respond to fiction and nonfiction reading assignments through a variety of writing assignments, with strong focus on producing well-developed analytical arguments. Students will continue to work on developing writing skills through study of grammar, mechanics, usage, and syntax, as well as structure and organization of ideas. Students within the honors class are expected to be excellent workers and thinkers, and are expected to produce several projects and essays, lead thought-provoking discussions and provide analysis of work in class. All students will participate in a workshop on plagiarism and appropriate use of source materials.

3321	English 2	1.0	Year	English 1	Teacher Approval	10
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The objectives of this course are to continue to develop critical reading and writing skills through the analysis of selected novels, nonfiction texts, short stories, and poetry which explore historical and contemporary issues and ideas by writers from diverse cultures and backgrounds. Students will continue to work with grammar, word knowledge, reading comprehension, and critical thinking through reading selections, writing tasks, projects, and daily discussions. Students will demonstrate understanding through composing clear and cohesive essays with an emphasis on the use of supporting material for a claim. Writing tasks use the recursive process and focus on understanding how skills are incorporated into writing for real-life situations. Students will also use technology (tablets) to develop skills in research and communication.

3322	English 2	1.0	Year	English 1	Teacher Approval	10
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The objectives of this course are to continue to develop critical reading and writing skills through the analysis of selected novels, nonfiction texts, short stories, and poetry by writers from diverse cultures and backgrounds. Students will continue to work with grammar, word knowledge, reading comprehension, and critical thinking through reading selections, writing tasks, projects, and daily discussions. Students will work extensively on honing writing skills through continued study of grammar, mechanics, usage, and syntax, as well as structure and organization of ideas. Students will demonstrate understanding through composing clear and cohesive essays, with an emphasis on the use of supporting material for a claim. Writing tasks use the recursive process and focus on understanding how skills are incorporated into writing for real-life situations. Students will also use technology (tablets) to develop skills in research and communication.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
3323	English 2 H	1.0	Year	B or better in Eng. 1 H and / or Eng1 Teacher recommendation	Teacher Approval	10

The focus and literary selections of this course are intended for students who have demonstrated an advanced ability in reading and writing about English language and literature and who show specific potential in this area. The objectives of this course are to continue to develop more complex critical reading and writing skills through the analysis of selected novels, nonfiction texts, short stories, and poetry which explore historical and contemporary issues and ideas by writers from diverse cultures and backgrounds. Students will continue to study grammar, word knowledge, reading comprehension, and critical thinking through reading selections, writing tasks, projects, and daily discussions. Students will demonstrate understanding through composing clear and cohesive argumentative, persuasive, and informational essays, with an emphasis on the use of supporting material for a claim. Writing tasks use the recursive process and focus on understanding how skills are incorporated into writing for real-life situations. Students will also use technology (tablets) to develop skills in research and communication.

3331	English 3	1.0	Year	English 2	Teacher Approval	11
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The objectives of this course focus on reading and writing English literature critically and analytically. Students will develop reading and writing skills through the study of challenging works of American Literature, including drama, poetry, short stories, nonfiction, and novels. Students will gain proficiency in communicating ideas and experiences and in making and defending claims of an argumentative or persuasive nature with an emphasis on writing for understanding and clarity. The course integrates the use of technology for research and exploration. The students' understanding of the progression and socio-historical context of American Literature over several historical periods will be demonstrated through performance in discussion, participation, quizzes, tests, essays, and original projects.

3332	English 3	1.0	Year	English 2	Teacher Approval	11
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The objectives of this course focus on reading and writing English literature critically and analytically. Students will develop reading and writing skills through the study of selected works of American Literature, including drama, poetry, short stories, nonfiction, and novels. Students will continue to develop in proficiency in communicating ideas and experiences and in making and defending claims of an argumentative or persuasive nature with an emphasis on writing for understanding and clarity. The course integrates the use of technology for research and exploration. The students' understanding of the progression and socio-historical context of American Literature over several historical periods will be demonstrated through performance in discussion, participation, quizzes, tests, essays, and original projects.

3333	English 3 H	1.0	Year	B or better in Eng 2 H and/ or Eng 2 teacher recommendation	Teacher Approval	11
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The pace and literary selections of this course are intended for students who have demonstrated an advanced ability in reading and writing about English language and literature and who show specific potential in this area. In this course, students will develop critical reading and writing skills through the study and analysis of more demanding works of American Literature, including drama, poetry, short stories, nonfiction, and selected novels. Students will be challenged to read and write for understanding and clarity, which will allow them to attain higher order thinking through analysis, interpretation, and discussion, while improving their abilities to understand complex texts as they connect to their own personal experiences. The course integrates the use of technology for research and exploration and includes multi-media explorations juxtaposed with the content of the course of study, in addition to creative assignments and presentations.

3341	English 4	1.0	Year	English 3	Teacher Approval	12
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The objectives of this novel-based course focus on reading expansively, critically, and analytically. The scope of this course revolves around British Literature and the exploration and analysis of genres, forms, and content found within. This includes the origin of the written word. Students will actively read, study, reflect and write about selected novels and other texts from the British Commonwealth. The course will expand the students' academic understanding of the progression of Anglo-Saxon literature to the development of modern English language and literature. Students will write about texts through analytical, comparative, and contemplative lenses. The course will also include multi-media explorations juxtaposed with the content of the course of study and the integration of technology for research purposes, as well as creative projects and presentations with an emphasis on preparation for college-level work and or job-related skills.

3342	English 4	1.0	Year	English 3	Teacher Approval	12
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The objectives of this novel-based course focus on reading critically and analytically. The scope of this course revolves around British Literature and the exploration and analysis of genres, forms, and content found within. This includes the origin of the written word. Students will actively read, study, reflect and write about selected novels and other texts from the British Commonwealth. The course will expand the students' academic understanding of the progression of Anglo-Saxon literature to the development of modern English language and literature with an eye towards developing an understanding about using language and diction as a tool for communication. The course will also include multi-media explorations juxtaposed with the content of the course of study and the integration of technology for research purposes, as well as creative projects and presentations with an emphasis on preparation for college-level work and or job-related skills.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
3343	English 4 H	1.0	Year	B or better in Eng 3 H and / or Eng 3 teacher recommendation	Teacher Approval	12

This course requires students to have an advanced ability to organize thoughts; think critically, analytically, and reflexively; and have a mature understanding of grammar and diction. The novel-based course focuses on reading expansively, critically, and analytically important works of British Literature and the exploration and analysis of genres, forms, and content found within. This includes the origin of the written word. Students will actively read, study, reflect and write about selected novels and other texts from the British Commonwealth. The course will expand the students' academic understanding of the progression of Anglo-Saxon literature to the development of modern English language and literature. Students will write about texts through analytical, comparative, and contemplative lenses. The course will also include multi-media explorations juxtaposed with the content of the course of study and the integration of technology for research purposes, as well as creative projects and presentations with an emphasis on preparation for college-level work.

3344	AP English	1.0	Year	A in English 3 Honors & Accepted Application	Teacher Approval	12
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In AP English Literature and Composition, students will engage in careful reading and critical analysis of imaginative literature that is complex in both style and subject matter. Students will deepen their understanding of the ways writers use language to provide both meaning and enjoyment for their readers. As they read, students will consider a work's structure, style, and themes, along with smaller scale elements such as the use of figurative language, imagery, symbolism, and tone, all the while, analyzing the work's historical and social context in the hope of discovering what it means to be human.

Readings in the AP course contain a wide vista of scope and sequence. Students will read works from several genres and periods. They will be instructed in reading deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how the meaning is embodied in literary form. In addition to considering a work's literary artistry, students will consider the social and historical values it reflects and embodies. Throughout, students will be asked to respond to the literature they read through discussion and in writing; these experiences will provide students with the preparation they need for success in future college courses and on the AP exam.

Writing is an integral part of the course. Writing assignments will be focused on critical analysis of literature and include expository, analytical, and argumentative essays. Analytical essays will make up the bulk of student writing with an emphasis on the rhetoric of composition (logos, pathos, and ethos), in order for students to demonstrate their understanding of the figurative meaning of literary texts.

3351	Reading1	1.0	Year	Placement Test scores	Placement Staff	9
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Students placed in 3312 English 1 will also be registered for this reading course. The objectives of the class are to develop student skills in reading comprehension, fluency, and word knowledge by using a variety of nonfiction texts. The course includes practice in study-skills such as note-taking, listening skills, and testing strategies which are applicable across the curriculum. Students will demonstrate mastery through different writing tasks, including summary, paraphrasing, and constructed-response paragraphs. Not NCAA approved.

3352	Reading2	1.0	Year	Reading 1	Teacher Approval	10
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Students placed in 3322 English 2 will also be registered for this reading course. The objectives of the class are to continue to develop student skills in reading comprehension, fluency, and word knowledge by using nonfiction and fiction texts in addition to online etexts. Emphasis is placed on collaborative work, vocabulary development, and textual annotation. The course continues practice in note-taking, listening skills, and testing strategies which are applicable across the curriculum and in real-world situations. Not NCAA approved.

3372	Speech/Debate	.50	Semester	None	Open	10 11 12
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This course explores various elements of public speaking through the study of prominent speeches and debates in both global and historical contexts. Gesture, stance, movement, voice, articulation, action, character, and persuasion are studied. Techniques of debate, rebuttal, and form will also be explored. Participation in both formal and informal presentations, debates, and speeches will be expected. The course will focus on developing public speaking skills that are essential in the workplace and academia, while providing practical information on and application of these skills.

3374	Creative Writing	.50	Semester	B or better in English 1 & 2	Dean of Humanities approval	11 12
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This course will introduce students to creative writing approaches in poetry and story writing. Specifically, students will explore certain writing techniques and examine various works by contemporary and 20th century authors who are invigorating the terrain of poetry and fiction. In addition to testing out the waters of students' own creativity, this course will offer students a space to appreciate the richness of literature more broadly. This course will function as a workshop where students will share their own writing, and will also explore how good writing—in a variety of forms—can take shape. Class time will be spent in several ways: whole class discussions, individual writing exercises, small group discussions, paired collaborations, and, as the semester develops, small group workshops with student peers. By the end of the term, students will have had a wealth of hands-on experience in poetry and fiction writing, and will turn in a final chapbook of their best work written over the course of the semester.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
3376	Journalism	.50	Semester	B or better in current English class & teacher recommendation	Dean of Humanities approval	10 11 12

Journalism is an exciting, fast-paced, and practical orientation into the highly competitive field of journalism. This course is for any student interested in writing; not just scholastic writing but learning new and different ways to construct stories. Students will learn about the history of journalism, how newspapers started, be introduced to the early days of television and radio, and learn how to write stories suitable for publication. Journalism students will write news stories, sports stories, conduct interviews, research important figures and events, and learn how to write opinion pieces through tone and finding your own voice. Students will also work as a member of the School Newspaper, The Lance, and have your stories published on the newspaper's website.

Course Listings by Department

Fine Arts

Saint Joseph's fine arts program enhances discipline and critical thinking. Throughout the process of studying and creating music and visual art, students learn to brainstorm, visualize, express, communicate, and articulate their thoughts and emotions. The aim is to guide students in expressing their own creative visions in music and visual art and to empower them to be life-long appreciators of the arts.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
8185	Video Editing & Production	.50	Semester	Art 1	Open	10 11 12

This course will explore video editing and production. Students will learn basic camera operation and editing skills needed to create video projects independently and collaboratively. Full access to a digital camera, memory card and USB is recommended but not required.

8186	Intro to Animation	.50	Semester	None	Open	10 11 12
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This course is an introduction into computer animation. The programming environment allows for students with little or no computer experience to create projects in a virtual world. Students will learn basic programming concepts using object-oriented programming to create simple animations. They will learn the importance of top-down design, the development cycle of software, and internal and external documentation.

8187	Advanced Animation	.50	Semester	C or better in Intro to Animation	Teacher Approval	10 11 12
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This course builds on the object-oriented programming concepts covered in the Introduction to Animation course. Students will use a robust 3D programming environment to create more engaging animations. They will also get a glimpse of Java coding which is the real backbone to the animations. The software used for this class is Alice 3.0. It is highly recommended that you have a wireless mouse and a flash drive.

8321	Art 1: Intro to Studio and Digital Art	.50	Semester	None	Open	9 10 11 12
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This course is designed to teach students the basic skills in art, including traditional studio art and digital art forms. It will also provide students with a variety of art media including Adobe Photoshop, pencil, charcoal, pastel, paint, collage and clay. Students will design, draw, color sculpt and paint. They will also explore the cultural and historical aspects of art. This course is a prerequisite for all other art classes.

8330	Art 2: Studio Art	.50	Semester	Art 1	Teacher Approval	10 11 12
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This course will reacquaint the student to the elements and principles of art through project based learning in a traditional art studio. Students will draw, paint, sculpt and build on art skills through projects that explore identity, culture and the meaning of art in our world.

8335	Building with Clay	.50	Semester	Art 1	Teacher Approval	10 11 12
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This course will allow students to produce hand built and wheel pottery. Students will learn pinch, coil and slab construction. They will also learn methods of glazing to create a relief sculpture, mug, vase and other finished ceramic pieces.

8445	Advanced Studio & Digital Art	.50	Semester	3 Art classes	Teacher Approval	11 12
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This course is designed for Juniors and Seniors that have taken a variety of art and / or digital-based art classes. Students will focus on a personal theme for their artwork and prepare a portfolio in various mediums. Students should have a good foundation of art skills and further explore studio techniques or digital processes.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
8446	Digital Photography	.50	Semester	Art 1	Teacher Approval	10 11 12

This course is designed to explore digital photography and its impact on the world. Students will explore rules of composition, light studio, exposure techniques and Adobe Photoshop to create a portfolio of digital-based work. Students will create a variety of assignments that explore identity, digital culture and social media. Full access to a digital camera, memory card and USB is recommended but not required.

8449	Independent Study	.50	Semester	Advanced Studio	Teacher Approval	12
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This course is designed to prepare students for individual directions within a college art program such as Design Portfolio, Basic Architecture, and Public Art. It is a teacher/student directed class. Each study includes a manual, syllabus, and unit plans. Quarter 1 concentrates on research and sketching. Quarter 2 concentrates on the use of previous research into the creation of several final display projects. An ongoing idea/inspiration file is created during the duration of the class for present and future use.

8552	Concert Band	.50	Semester	Provide own instrument	Teacher Approval	9 10 11 12
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This ensemble is for all students with experience reading music and playing their instrument. Members of the Concert Band must already know how to read music and own their instrument. Specific emphasis will be placed on learning major and minor scales, improving tone quality and intonation through proper breathing, improved articulation ability and increased range. Students in Concert Band will play at sporting events, all school mass and at various concerts. Participation in these events is mandatory and part of students' overall grade in the course.

8559	Vocal Ensemble	.50	Semester	None	Open	9 10 11 12
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This class is designed for all interested singers. Students will develop their singing skills and basic music knowledge while providing a chance to sing choral music of all styles. The ensemble will perform at the Christmas and Spring concerts, school liturgies, and occasional contests and festivals.

8555	Music Theory 1	.50	Semester	None	Open	10 11 12
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Students will be expected to master ear training, musical analysis, and part-writing in various historical contexts. This course emphasizes the basic musical elements of melody and harmony, scale construction, key signatures, ear training, basic form and analysis and history. Students will incorporate MIDI and computer technology into their study to write music. This course is for the serious musician and those planning to study music after high school. Students must have prior knowledge of how to read music before taking this course. Participation in the school band program or currently taking lessons on an instrument or voice is also required.

8557	Music Appreciation	.50	Semester	None	Open	9 10 11 12
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This course is designed to increase student enjoyment and knowledge of music and to improve the art of intelligent, perceptive listening. In addition to identifying significant works of music from major historical periods, students will study the materials and elements of music and how music is organized and produced.

8678	Introduction to Theater	.50	Semester	Teacher Approval	Teacher Approval	10 11 12
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This course includes: the study of basic principals in acting, directing, and design, the study of improvisation techniques; the study of historical trends in theater, the study of stagecraft, and exploring, creating, and applying makeup and costumes to help build a character, plot, or theatrical message.

8679	Theater 2	.50	Semester	Intro to Theater	Teacher Approval	10 11 12
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This is studio-based class and many of the units are performative in nature. The analysis and study of texts will culminate in a performance assessment. This class focuses on the craft of acting in multiple mediums including comedic, dramatic and film. The class also focuses on deep character and ensemble analysis in the development of an expressive theatrical or cinematic piece.

Course Listings by Department

Math

The mission of the Saint Joseph Mathematics Department is to develop in each student success in problem-solving, effectiveness in communication, proficiency in higher-level thinking, competency in the application of modern technology, while collaborating with others as part of each student's commitment to be a life-long learner.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
4500	Pre – Algebra	1.0	Year	Placement Test Scores	Placement Staff	9

Pre- Algebra is a freshman level class designed with three major parts. The first part serves as a review of basic fundamentals of math. The second part is comprised of the development of the skills necessary for students to succeed in Algebra. The final part of the course is a basic introduction to topics such as Geometry and logical thinking skills. This course will help students who lack solid fundamentals. Students placed in this course will earn a general education credit. This credit does not count toward the three mathematics credits needed for graduation. Students placed in this course will also need to successfully complete Algebra 1, Geometry and Algebra 2. (This course is not NCAA approved)

4512	Algebra 1	1.0	Year	Placement Test Scores	Placement Staff	9
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In this course students will review and reinforce their computational skills of arithmetic while learning to communicate mathematically and develop problem solving skills through the topics: equations and functions, properties of real numbers, solving & graphing linear equations, writing linear equations and exponent properties.

4511	Algebra 1	1.0	Year	Placement Test Scores	Placement Staff	9
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Students learn to develop reasoning skills, communicate mathematically, and make connections between mathematics and other fields of study through the topics: real numbers, linear equations, polynomials, factoring, rationale expressions, linear inequalities, linear systems in two variables, and graphing.

4513	Algebra 1 H	1.0	Year	Placement Test Scores	Placement Staff	9
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Honors Algebra 1 is an introduction to the honors mathematics program. Students investigate the following topics: the real number system, linear equations and inequalities, functions, rational expressions, quadratic equations and inequalities, polynomials and problem solving. A scientific calculator or its equivalent is required for this course.

4520	Algebra 2	1.0	Year	Completion of Geometry	Teacher Approval	11
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This course reviews and builds upon concepts discussed in Algebra I. Students will investigate the following topics: problem solving with algebraic models, linear equations and functions, systems of linear equations, inequalities and absolute values, quadratic functions, polynomial functions, and factoring. A scientific calculator or its equivalent is required for this course.

4521	Algebra 2	1.0	Year	C or better in Algebra 1	Teacher Approval	11 12
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This course reviews and builds upon concepts discussed in Algebra 1. Students will investigate the following topics: linear and quadratic equations and inequalities, solving systems of equations, complex numbers, polynomial functions, logarithms, sequences and series, and an introduction to trigonometry. A TI-83 graphing calculator or its equivalent is required for this course.

4523	Algebra 2 H	1.0	Year	B or better in Geometry H and/or teacher recommendation	Teacher Approval	10 11
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This course reviews and builds upon concepts discussed in Honors Algebra 1. Students will investigate the following topics in detail: linear and quadratic equations and inequalities, solving systems of equations, linear programming, complex numbers, functions and graphs, polynomial functions, logarithms, sequences and series, and an introduction to trigonometry. A TI-83 graphing calculator or its equivalent is required for this course.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
4531	Geometry	1.0	Year	C or better in Algebra 1	Teacher Approval	10 11
<p>This course introduces the mathematics of two-dimensional Euclidean space. Topics covered include polygons and their properties, congruence, similarity, solids and constructions. Students will also work with three-dimensional solids and their properties. Students will work with geometric patterns. Students will further investigate geometric properties using the Geometer Sketchpad computer program. A scientific calculator or its equivalent is required for this course.</p>						
4532	Geometry	1.0	Year	Completion of Algebra 1	Teacher Approval	10 11
<p>This course introduces topics in geometry through the means of measurement and construction. While working with the protractor and compass, students study the following topics: linear and angle measures, polygons and their properties, congruence and similarity, and area and volume. Students also work with tessellations and geometric patterns. Students will further investigate geometric properties using the Geometer Sketchpad computer program. A scientific calculator or its equivalent is required for this course.</p>						
4533	Geometry H	1.0	Year	B or better in Algebra H and / or teacher recommendation	Teacher Approval	9 10
<p>This course introduces the student to the mathematics of two-dimensional Euclidean space. Students examine polygons and their properties, congruence and similarity, constructions and solids. The nature of mathematical proof is also discussed, as well as finite and non-Euclidean geometries. Students will further investigate geometric properties using the Geometer Sketchpad computer program. A scientific calculator or its equivalent is required for this course.</p>						
4542	Advanced Math Topics	1.0	Year	Completion of Algebra 2	Teacher Approval	12
<p>This course reviews and builds upon concepts of Algebra 2. It also enhances students problem solving, logical reasoning and critical thinking abilities in preparation for a college mathematics course. It focuses on the study of various functions and their graphs, statistics and trigonometry.</p>						
4543	Pre-Calculus	1.0	Year	C or better in Algebra 2	Teacher Approval	11 12
<p>Students prepare for the study of calculus through an advanced investigation of a variety of functions and their graphs including polynomial, logarithmic, exponential, trigonometric, and piece-wise. This course will include series and sequences, non-right triangle trigonometry, and probability. A TI-83 graphing calculator or its equivalent is required for this course.</p>						
4544	Pre-Calculus H	1.0	Year	B or better in Algebra 2 H and / or teacher recommendation	Teacher Approval	11 12
<p>This course is a preparation for calculus. Students will investigate in depth the graphs and properties of a variety of functions including polynomial, rationales, logarithmic, exponential, trigonometric, and piece-wise. This course includes a discussion of topics in analytic trigonometry, including fundamental identities, multiple-angle formulas, law of sines, and law of cosines. Additional topics include: polar coordinates, derivatives and limits. A TI-83 graphing calculator is or its equivalent is required for this course.</p>						
4545	AP Calculus	1.0	Year	Teacher Recommendation	Teacher Approval	12
<p>Students will study differential and integral calculus. This course follows the College Board's Advanced Placement curriculum and as such is extremely rigorous and fast paced. Students may receive college credit in Calculus by qualifying on an examination administered by the College Entrance Examination Board. The following topics will be covered throughout the year: Finding limits graphically and analytically, evaluating limits, finding derivatives graphically and algebraically, working with related rates and optimization problems, increasing and decreasing functions using the first derivative test, finding concavity using the second derivative test, working with the Fundamental Theorem of Calculus, finding the area between two curves using disk and shell methods, and evaluating derivatives and integrals of transcendental functions. A TI-83 graphing calculator is or its equivalent is required for this course.</p>						

Course Listings by Department

Modern Language

The Modern Language Department introduces students to diverse cultures and encourages students to develop an appreciation of those cultures. We inspire them to respect and accept other people and empower them to be successful in a global economy. Communication in the target language is the ultimate goal. Emphasis is placed on the written language, listening comprehension, speaking, reading and culture. Particular attention is paid to grammar as it is an effective tool for the literate learner of a second language. The use of videos and language websites enhance the learning experience.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
6403	Spanish 1	1.0	Year	None	Open	9 10 11

This first year course is an introductory to the Spanish language. Elementary vocabulary, fundamental grammar construction, and culture are introduced. Emphasis is placed on the skills of listening, speaking, reading, and writing. Videos, audio, and websites are utilized.

6404	Spanish 1 H	1.0	Year	Placement Test Scores	Teacher Approval	9 10
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This course is an accelerated course and covers the typical first-year Spanish at a faster pace and in greater depth. Elementary vocabulary, fundamental grammar construction, and culture are introduced. Emphasis is placed on speaking, listening, reading, and writing skills.

6405	Spanish 2	1.0	Year	C or better in Spanish 1/1H	Teacher Approval	9 10 11 12
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This second year Spanish course continues the development of skills acquired in Spanish 1. More advanced vocabulary, grammatical structures, and perfection of pronunciation is emphasized. The skills of reading, writing, speaking, and listening are incorporated into each unit.

6406	Spanish 2 H	1.0	Year	B or better in Spanish 1H	Teacher Approval	9 10 11 12
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This is the accelerated level of second year Spanish. This course continues the development of more advanced vocabulary, grammatical structures and language patterns. A strong emphasis is placed on the development of listening and reading skills. Writing and speaking skills for communication are further developed and intensified.

6407	Spanish 3	1.0	Year	C in Spanish 2	Teacher Approval	10 11 12
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The course includes the study of the basic structure of the language begun in the first two years. The development of the four language skills is intensified with emphasis on oral proficiency. Grammar is refined and vocabulary is enriched through extra reading selections. Supplementary cultural materials and audiovisuals are used.

6408	Spanish 3 H	1.0	Year	B or better in Spanish 2H	Teacher Approval	10 11 12
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This course is the accelerated level of third-year Spanish, covering material at a faster pace and in greater depth. The class is conducted mostly in Spanish. There is an emphasis on comprehension and oral proficiency. A comprehensive study of Hispanic culture and art is an integral part of this course.

6409	Spanish 4	1.0	Year	C in Spanish 3	Teacher Approval	10 11 12
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This fourth year course enhances the development of the four language skills. Listening and speaking skills are intensified through conversations and discussions of various literary works. Extensive use of Spanish cultural materials and audiovisual materials heightens all areas of proficiency.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
6410	Spanish 4 H	1.0	Year	B or better in Spanish 3H	Teacher Approval	11 12

This course is the accelerated level of fourth-year Spanish, covering material at a faster pace and in greater depth. The class is conducted mostly in Spanish. Advanced work in writing and composition is required. Extensive use of Spanish cultural materials and audiovisual materials heightens all areas of proficiency.

6411	AP Spanish	1.0	Year	B or better in Spanish 4H	Teacher Approval	11 12
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This Advanced Placement course provides students the opportunity to prepare for the AP Language Exam. This class is conducted entirely in Spanish in order to develop oral and written proficiency. There is a thorough review of vocabulary and grammar. Conversations, oral reports and similar activities enhance listening and speaking proficiency. Extensive reading and composition work develops reading and writing proficiency.

6415	Spanish 5	1.0	Year	Spanish 4 or 4H	Teacher Approval	11 12
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This fifth-year Spanish class is designed for students who want to continue in Spanish but are not preparing to take the Advanced Placement Spanish Language Exam. The class is conducted entirely in Spanish with focus on communication. Conversations, discussions, oral reports, and similar activities enhance listening and speaking proficiency. Readings on contemporary issues and composition work develop reading and writing proficiency. Continued study of Spanish culture through art and music will also be presented.

Course Listings by Department

PE/Health

The mission of the Saint Joseph High School Physical Education Department is to provide a positive experience in a variety of lifetime fitness activities and leisure recreational activities, focusing on the establishment of a lifestyle that includes proven concepts of wellness and fitness. We present activities that result in improved muscular coordination, flexibility, strength, and endurance. We challenge all students to grow in character, self-reliance, and self-discipline. We help students to improve their self- image and to reach a higher level of health, vitality, and wellness.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
7627	PE Co-ed	.50	Semester	Required	Open	9 10 11 12

Students participating in physical education classes at St. Joseph High School will participate in physical activities on a daily basis, learn about fitness concepts and health-related issues pertinent to their lifelong health and will benefit from utilizing teamwork and leadership skills on a daily basis. Students in physical education classes will participate in a variety of activities that include, but are not limited to, softball, soccer, volleyball, basketball, badminton, football, floor hockey, dance and fitness component activities. Students will be required to complete fitness testing twice a semester, with the second fitness test counting as their final exam. Two semesters of physical education are required for graduation, and all students must purchase a St. Joseph PE uniform in order to participate in the class.

7672	Health Education	.50	Semester	Required	Open	10 11 12
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This course will provide students with a comprehensive examination of concepts associated with health and well-being. Students will be exposed to topics including anatomy and physiology, hygiene, fitness, nutrition, mental/emotional health, substance abuse, sexuality and responsibility, disease and disorders, first aid, and current health topics.

Course Listings by Department

Religion

The Saint Joseph High School Religion Department places high value on the development of each student as a whole person of God in search of self-understanding. Christian faith and understanding are encouraged while teaching the academic understanding of the Catholic tradition and LaSallian heritage with its social implications.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
5010	Religion 1	1.0	Year	Required	Required	9

Semester 1 gives students the opportunity to explore the basic theology of the Catholic Church. This includes the goodness of creation, Original Sin and the promise of a messiah. Students will give special attention to the Paschal Mystery and how it informs prayer and participation in the life of the Church. Semester 2 focuses on exploring and understanding the history of the Catholic Church including its origins, successes, and limitations. Finally, students will attend to modern issues facing humanity and the global presence of the Church.

5013	Religion 2	1.0	Year	Religion 1	Required	10
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This course gives students a general knowledge and appreciation of the full canon of Sacred Scripture. Students will encounter the living Word of God, Jesus Christ, through their study and interpretation of the Bible. Students will pay particular attention to the Gospels, the teachings of Jesus Christ, where they will come to know and experience these writings through a historical lens. Also, students will come to understand the full revelation of God in all Scripture from both the Old and New Testaments.

5014	Religion 3	1.0	Year	Religion 2	Required	11
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Semester 1 focuses on leading the students toward a deeper understanding of the rich tradition of Catholic social teaching. The course starts by examining the foundations of Catholic social teaching in Scripture and Tradition. The students then explore the tremendous growth in this teaching over the 20th century as the Church has responded to our rapid and far-reaching changes in society. Later units explore specific social issues, such as protecting human life at its beginning and at its end, poverty and hunger, war and peacemaking, economic justice, and environmental justice. Semester 2 focuses on the decision-making process for young adults, the role of conscience and the integration of many pressing moral issues of our day make up the content of this class. Student choice, which reflects greatly on personal character, is a key element of this semester. The importance of prayer for the well-formed conscience will be explored and practiced.

5015	Religion 4	1.0	Year	Religion 3	Required	12
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Semester 1 focuses on ecumenical and interreligious dialogue as Catholic teaching pertains to other world religions. Emphasis is placed on interpretation of significant themes in the world's religions as compared to Catholic Christian doctrine and teachings. Semester 2 focuses on communication, love, dating, sexuality, and career choice which encompass the major life issues, which are at the heart of this course. Prayerful reflection and discussion of each of these subject areas brings to light the struggles and challenges facing seniors who are about to make their way in to the world beyond high school. By confronting these topics, students are encouraged to think and act responsibly and within a Christian moral framework.

5054	Theology and Film	.50	Semester	Religion 2	Teacher Approval	11 12
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This course is designed to help students recognize, analyze, discuss and evaluate the theological themes of redemption, salvation, forgiveness, faith, hope and love as presented and identified in contemporary film. It will also help students see the relationship between these theological themes and their daily lives. Students will be able to critically analyze social sin: racism, sexism, ageism, etc. This course is a general elective and does NOT count toward the 8 semesters of required course in religion.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
5091	Church History	.50	Semester	Religion 2	Open	11 12

This course leads students toward a deeper understanding of the history of the Church from the time of Christ to the twenty-first century. The students will gain an appreciation and understanding of not only the development of the Catholic Church but the development of other faiths such as Lutherans, Baptists, Methodists, and non-denominational Christian churches. The course will also enable the students to see church with new eyes. There are six major ways of seeing the church: (1) the Church as Body of Christ of the People of God, (2) the Church as an Institution, (3) the Church as Sacrament, (4) the Church as Herald of God's Word, (5) the Church as a Servant, and (6) the Church as a Community of Disciples.

5311	Peer Ministry	.25	Year	Campus Minister	Teacher Approval	10 11 12
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This course is designed as a formation program for those students who feel called to serve the St. Joseph High School community as peer ministers. This course will equip students with the skills necessary to fulfill this ministry: leadership skills, communication skills, and ministerial skills. Student participation in prayer, liturgy, and retreat preparation are required as well as a commitment to be of service to others by active participation in special projects.

Course Listings by Department

Science

The mission of the Science department at Saint Joseph High School is to prepare students for a scientific and technological global society in which they are successful and productive. We present lab activities that help develop and nurture creative and analytical thinking skills necessary to be a contributing member of society. We help students develop multiple methods of learning and research skills that allow all levels of students to succeed.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
2720	Physical Science	1.0	Year	Placement Test Scores	Placement Staff	9

This course begins with an introduction to the scientific method and invites students to first inquire about the make-up of the physical world. Students will begin by studying the characteristics of substances and build a base for more complex, functional scientific study. Some examples of this would include energy, changes of energy, motion and force. These will allow students to understand Newton's Laws of Motion, which is important for the understanding of the function of the physical world.

2721	Biology	1.0	Year	Placement Test Scores	Placement Staff	9 10
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This lab and activity course will introduce students to the characteristics of living organisms. The course explores current research and discoveries while providing an historical perspective for the student. It builds a framework based on core concepts and the interconnectedness of all living things. Topics covered include ecology, cells, genetics, evolution, classification, and a survey of the kingdoms of life. Labs include the use of scientific equipment, statistical analysis, and computer modeling.

2722	Biology	1.0	Year	Placement Test Scores	Placement Staff	9 10
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This lab and activity course will introduce students to the characteristics of living organisms. Comprehension, hands-on activities and logical thinking are stressed. Scientific lab techniques, microscope use, and dissection are introduced. Topics covered include ecology, cells, genetics, evolution, classification, and a survey of the kingdoms of life. Computers will be used extensively to investigate labs and topics.

2723	Biology H	1.0	Year	Placement Test Scores	Placement Staff	9 10
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This course integrates major biological concepts into an ecological framework, including these fundamental themes: science as inquiry, the history of biological concepts, science and society, and the diversity of life. This course uses student-centered, active-learning approach that offers students hands-on activities and laboratory that develops inquiry skills and conceptual understanding that can be used throughout their lives.

2731	Chemistry	1.0	Year	1 year of science	Teacher Approval	10 11
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A year long course covering major Chemistry concepts and basic vocabulary. Classroom and laboratory activities stress problem-solving skills focused on Chemistry-related technological issues confronting our society and world. Strong emphasis on practical aspects of daily life.

2732	Chemistry	1.0	Year	1 year of science	Teacher Approval	10 11
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This course covers the major Chemistry concepts, basic vocabulary, basic lab skills, and problem-solving skills associated with an introductory Chemistry high school course. The course focuses on Chemistry related, technological issues confronting our society and the world.

2733	Chemistry H	1.0	Year	B or better in Math course	Teacher Approval	10 11
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This course investigates the fundamental laws and principles of Chemistry including: atomic structure and periodicity, chemical bonding and structure, chemical reactivity and applications to acid-base and redox reactions, states of matter and gas laws, reaction stoichiometry, thermochemistry, and equilibrium. This course is designed to give students the opportunity to apply these fundamentals to practical situations. Lectures, laboratory experiments, and group projects promote a deeper understanding of Chemistry fundamentals and develop

analytical and laboratory skills necessary to enhance problem solving.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
2735	Human Anatomy & Physiology	1.0	Year	C or better in Bio & Chem	Teacher Approval	11 12
<p>This course will introduce students to the study of structure and function of the human body by developing a strong knowledge of the systems of the human body. The students will also develop an understanding of the relationship between structure and function and how these create homeostasis within a human. This course is lab oriented with a problem-based approach.</p>						
2725	Human Anatomy & Physiology H	1.0	Year	Teacher Recommendation B & better in Bio or Chem	Teacher Approval	11 12
<p>This course is designed to introduce students to basic human biological principles. Topics discussed will focus on nutrition, cancer, immunity, reproduction and heredity and how it relates to the human body. Special consideration is given to current advances in medicine and associated bio- social issues. The laboratory sessions are designed to reinforce concepts presented in lecture. Emphasis is given to the study of reproductive systems. This is a certified course for students interested in Advanced College credit through St. Mary's University's PACC program.</p>						
2743	Physics	1.0	Year	2 year of science	Teacher Approval	11 12
<p>This lab and activity based course is the study of the interactions of matter and energy and the physical properties of the universe. This course is a conceptual approach to physics that focuses on developing an understanding of the major principles of physics. Labs include hands-on activities as well as computer simulations of important experiments. Topics covered include classical mechanics, properties of matter, kinetic theory of gases, thermodynamics, wave properties, sound, light, and nuclear physics. Electricity and magnetism will be introduced.</p>						
2744	Physics H	1.0	Year	B or better in H Chem and B or better in H Geometry	Teacher Approval	11 12
<p>This laboratory course is the study of the interactions of matter and energy and the physical properties of the universe. Topics include classical mechanics, special theory of relativity, cosmology, properties of matter, kinetic theory of gases, and the fundamentals of electricity and magnetism. This course is taught at the honors level. There is a strong mathematical component involved in this course.</p>						
2746	Physics	1.0	Year	2 year of science	Teacher Approval	11 12
<p>This lab and activity based course is the study of the interactions of matter and energy and the physical properties of the universe. This course focuses entirely on a conceptual approach to physics. Labs and activities will include both hands-on activities as well as computer simulations. Topics covered include classical mechanics, properties of matter, thermodynamics, sound, light, nuclear energy, electricity, and magnetism.</p>						
2747	Earth Science	1.0	Year	2 year of science	Teacher Approval	11 12
<p>Earth Science is a course that surveys the areas of geology, oceanography, meteorology, and astronomy. Through regular laboratory and technology related investigations, students understand the history of earth sciences, explore the uses of the knowledge of the earth and its environment in various careers, and investigate earth science problems related to personal and societal needs.</p>						
2748	Crime Investigation	1.0	Year	C or Better in Biology, Chemistry and English 3	Dean of STEM approval	12

This one year course will take place in both a Science class and an English class. Each part of the course will be one-semester and will look at different aspects of crime. During the science semester of Crime Investigation, students will focus on the value of a crime scene and evidence linked to the crime laboratory. Topics for the science semester include: observation skills, evidence collection, fingerprints, toxicology, and ballistics. Topics for the English semester would include: analyzing the perspectives of a crime and the social need for Crime Fiction and Non-Fiction in high-crime areas, synthesizing scientific analysis with literary analysis in approach to crime in society. Students will also culminate the semester with a written non-fiction project based on a true crime, using language and techniques learned in the Science portion of the course.

Course Listings by Department

Social Studies

The mission of the Social Studies Department of Saint Joseph High School is to reinforce the Catholic – LaSallian character by helping students understand how past civilizations and experiences have influenced today’s world, especially that of the American Story. Our goal is to empower students to be active, lifelong citizens by informing them of the history of their world.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
1811	World Cultures	1.0	Year	Placement Test Scores	Placement Staff	9

This course is designed to provide students with an in-depth examination of the historical roots of the world and the impact of various cultures on the course of history. World Cultures examines the cultural, political, economic, and social aspects of history beginning with ancient civilizations up to our present day. This course will focus on advancing skills in geography, vocabulary, reading, and writing, while developing and understanding of cultural development, and the impact these cultures have on our lives today. Students in this level will be developing skills in research and project based learning. The placement for this course is dependent on the entrance exam scores, teacher placement, and previous academic evaluations.

1812	World Cultures	1.0	Year	Placement Test Scores	Placement Staff	9
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This course is designed to provide students with an in-depth examination of the historical roots of the world and the impact of various cultures on the course of history. World Cultures examines the cultural, political, economic, and social aspects of history beginning with ancient civilizations up to our present day. This course will focus on developing essential skills in geography, vocabulary, reading, and writing, while developing skills in research and project based learning. The placement for this course is dependent on the entrance exam scores, teacher placement, and previous academic evaluations.

1813	World Cultures H	1.0	Year	Placement Test Scores	Placement Staff	9
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This course is designed to provide students with an in-depth examination of the historical roots of the world and the impact of various cultures on the course of history. World Cultures examines the cultural, political, economic, and social aspects of history beginning with ancient civilizations up to our present day. This course takes an accelerated approach to the learning process with an emphasis on developing the skills necessary for success on the college level of academia. Students in this level will be developing skills in research and project based learning. The placement for this course is dependent on the entrance exam scores, teacher placement, and previous academic evaluations.

1831	U.S. History/Government	1.0	Year	World Cultures	Teacher Approval	11
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This course investigates the events of our nation’s history from the days of early exploration to the 1920s. Every student gains an understanding of the U.S. Constitution and government. Each student is required to complete a research project and give an oral presentation on a specific course topic. Students also pass the state required United States Constitution Test. Students in this course will learn advanced researched skills and methods that assist them in completing Project Based Learning and other projects. Entrance into this course level is dependent upon teacher approval, placement, and previous academic achievement.

1832	U.S. History/Government	1.0	Year	World Cultures	Teacher Approval	11
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This course investigates the events of our nation’s history from the days of early exploration to the 1920s. Every student gains an understanding of the U.S. Constitution and government. Each student is required to complete a research project and give an oral presentation on a specific course topic. Students also pass the state required United States Constitution Test. Differentiated instruction is implemented in delivering course material to the students. Students in this course will learn research skills and methods that assist them in completing Project Based Learning and other projects. Geography and map work are critical to success in this course level. Entrance into this course level is dependent upon teacher approval, placement, and previous academic achievement.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
1833	U.S. History/Government H	1.0	Year	B in World Cultures H	Teacher Approval	11

This course investigates the events of our nation's history from the days of early exploration to the 1920s. Every student gains an understanding of the U.S. Constitution and government. Each student is required to complete a research project and give an oral presentation on a specific course topic. Students also pass the state required United States Constitution Test. The Honors curriculum takes an accelerated academic approach to the materials examined throughout the school year and will continue to prepare students in developing skills necessary for the academic curriculum of college. Entrance into this course level is dependent upon teacher approval, placement, and previous academic achievement.

1841	American History	1.0	Year	U. S. History	Teacher Approval	12
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This course familiarizes students with contemporary historical and social issues. It deals with events of American History from 1930s to present. Students gain an understanding of the events of the 20th Century such as the Great War, Communism, the Great Depression, World War II, the Cold War, the Civil Rights movement, and contemporary international events and the increasing influence of globalization on American politics and heritage. Students will also build their understanding of U.S. civics, both structure and ideals, with an intensive study of the history of practice of civic duties.

1842	American History	1.0	Year	U. S. History	Teacher Approval	12
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This course familiarizes students with contemporary historical and social issues. It deals with events of American History from 1930s to present. Students gain an understanding of the events of the 20th Century such as the Great War, Communism, the Great Depression, World War II, the Cold War, the Civil Rights movement, and contemporary international events and the increasing influence of globalization on American politics and heritage. Students will also build their understanding of U.S. civics, both structure and ideals, with an intensive study of the history of practice of civic duties.

1843	American History H	1.0	Year	B or better in U.S. Hist and / or US Hist teacher recommendation	Teacher Approval	12
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This course familiarizes students with contemporary historical and social issues. It deals with events of American History from 1930s to present. Students gain an understanding of the events of the 20th Century such as the Great War, Communism, the Great Depression, World War II, the Cold War, the Civil Rights movement, and contemporary international events and the increasing influence of globalization on American politics and heritage. This class is taught at an accelerated pace using AP materials and is also augmented by supplemental readings, ie John F. Kennedy's "Profiles in Courage." Students will also build their understanding of U.S. civics, both structure and ideals, with an intensive study of the history of practice of civic duties.

1851	Geography	.50	Semester	None	Open	10 11 12
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This course studies the various aspects of modern geographic studies. It includes a survey of the planet (mountains, rivers, deserts, etc.), geographic weather patterns (rainfall, monsoons, etc.), political geography, and economic geography.

1852	History of Chicago	.50	Semester	None	Open	10 11 12
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This will focus on the history of Chicago from 1800 to the present. There are certain major events in Chicago history, such as the Chicago fire and the political machine, that will be focused on in class and the class will dictate some of the other events covered through independent projects. Geography of the city will be stressed so at the completion of the course, each student will be able to navigate him/herself through the city and the surrounding areas. The course will also incorporate religion, food, music, heritage, art, architecture style, sports, and culture. This course compliments and finishes the circle of the department for the complete education geared towards the students. Field trips supplement the academic experiences of this class.

1871	Current Events	.50	Semester	None	Open	10 11 12
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This course is designed to study major current themes of global, national, and local topics and issues of the day. Students will read and discuss relative issues through an open forum. The review of major news topics is central to this course. Newspapers, magazines, and mass media will highlight this course.

Course #	Course Name	Credit	Length	Prerequisite	Approval	Grade
1872	Sociology	.50	Semester	None	Dean of Humanities approval	11 12

This course will provide students with a comprehensive examination of the basic concepts, principles, and methods central to the scientific study of sociology. This course has three goals. The first goal is to teach students to think like sociologists. The second goal is to enable students to view their own lives within a larger picture. The third goal is to understand the rich diversity in the world.

1873	World Religions	.50	Semester	None	Open	11 12
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This course is an introductory study and interpretation of significant themes in the world's religions, with emphasis on the Jewish, Islamic, Hindu, and Buddhist traditions. Students will recognize important figures and events from history, understand the writings as a religious interpretation of meaningful lifestyle of human existence and salvation, and reflect upon the teachings of common themes.

1899	Introduction to Psychology	.50	Semester	None	Dean of Humanities approval	11 12
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The course will provide students who are taking psychology with the opportunity to study human behavior and mental process. Psychologists study how people perceive the world. Learning about psychology will give students fresh insight into understanding themselves and others. The course will provide the students with working knowledge of the basic concepts, principles, theories, and research methods central to the scientific study of psychology.