St. Joseph’s Collegiate Institute transforms the lives of students from diverse backgrounds through academic excellence and care for the whole person in a respectful, Lasallian Catholic community, developing each student’s unique talents in preparation for college and life.

St. Joseph’s Collegiate Institute offers a rigorous and comprehensive curriculum designed to support our mission of preparing students for college and life. The Course Catalog includes a variety of options designed to meet our students’ various interests and abilities.

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graduation requirements

The general distribution of the 30.0 credits required for graduation is outlined in the Courses of Study listed on the right. Some particular items to note:

• Credit requirements are as follows:
  • Class of 2021 = 28.75
  • Class of 2022 = 29.25
  • Class of 2023 = 30.00
  • Class of 2024 = 30.0

• All students are required to take a course in Health (.5 credit). Online Health or Summer Health is available at SJCI at an additional cost.

• All students are required to complete one (1.0) full Fine Arts credit by the end of their sophomore year. Beginning with the class of 2023, all students are required to take Topics in Computer Science (.25 credit) by the end of their sophomore year.

• All students are required to take Public Speaking (.25 credit) during their junior or senior year.

• Beginning with the Class of 2022, all students are required to complete one additional Math or Science credit during their junior or senior year, for a total of seven (7.0) Math/Science credits.

• Graduation requirements may be adjusted in some areas for students entering SJCI after their freshman year.

• Incoming freshman who have received credit for accelerated programs in elementary/middle school will generally be placed in Honors level courses during their freshman year.

<table>
<thead>
<tr>
<th>Class of 2024</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>Religion 9</td>
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<tr>
<td></td>
<td>English 9 or 9H</td>
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<tr>
<td></td>
<td>Geometry or Geometry H</td>
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<tr>
<td></td>
<td>Biology, Geology or Chemistry</td>
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</tr>
<tr>
<td></td>
<td>The American Journey 9 or 9H</td>
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</tr>
<tr>
<td></td>
<td>Modern Language 9 or 9H</td>
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</tr>
<tr>
<td></td>
<td>Fine Arts</td>
<td>0.5 or 1.0</td>
</tr>
<tr>
<td></td>
<td>Physical Education</td>
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</tr>
<tr>
<td></td>
<td>Topics in Computer Science</td>
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<td>Chemistry, Chemistry H, or Geology</td>
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<tr>
<td></td>
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<tr>
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<td>Physical Education</td>
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<tr>
<td></td>
<td>English Elective or AP English</td>
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<tr>
<td></td>
<td>Algebra II, Int. Algebra or Pre-Calculus</td>
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<tr>
<td></td>
<td>Physics or Science Elective</td>
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<td></td>
<td>US History or AP US History</td>
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<tr>
<td></td>
<td>Modern Language 11 or 11H</td>
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<td></td>
<td>Elective</td>
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<td></td>
<td>PE 11 or Exercise &amp; Wellness</td>
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<td>English Elective or AP English</td>
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<tr>
<td></td>
<td>Government or AP Government</td>
<td>0.5 or 1.0</td>
</tr>
<tr>
<td></td>
<td>Economics or AP Economics</td>
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<tr>
<td></td>
<td>Electives</td>
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<tr>
<td></td>
<td>PE 12 or Exercise &amp; Wellness</td>
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All students must complete a summer reading assignment. Reading lists will be distributed near the end of the second semester. Summer reading assignments will be integrated into the September curriculum in various subject areas.

Courses that have additional operation fees include laboratory science courses, art courses, Digital Electronics, Engineering and Computer Aided Design. These fees will be billed after the start of the semester. All AP courses have an exam fee. Any courses associated a college or university have additional fees for books and college credit.

Honors and Advanced Placement courses are designed to challenge a student. These courses require increased academic class work and homework. Students should carefully evaluate their total academic, activity, and social obligations as they select Honors and AP courses each year. These courses are given extra weighting when calculating a student’s Grade Point Average. Weightings are as follows: Honors at 1.03; AP at 1.05. All Advanced Placement students are required to take the AP examination in their subject area in May.

SJCI has prepared this course description brochure to assist students in the course selection process. All course placements are contingent on final June grades and completion of course prerequisites. In some cases, course offerings are tentative, based on student needs and staffing availability. The school reserves the right to withdraw any course or section of a course, as well as limit the number of students scheduled for a given course or section. Students should consult with their counselor, teachers, and parents in the selection process. After the course request and verification processes are completed, all course selections are considered final. Once an over-elected course is scheduled, a student may not drop the course without the school’s approval.

In the spirit of our founder, St. John Baptist de La Salle, and in keeping with our philosophy, a Christian Ministry Service Project is required of all students who attend SJCI. All students must complete 20 hours of service at an approved site by the close of the third marking period.
Topics in Computer Science  
8030 (.25 Cr.)  
This one semester course is required of all students during their freshman or sophomore year. Topics include: Office Productivity Software, Programming/ Coding, Computer Hardware, Internet Safety, Digital Citizenship, and Internet Research.

Computer Forensics & Cybersecurity  
8034 (1.0 Cr.)  
This course will introduce students to various tools that will allow them to create and protect against cyber threats. This is a fast paced class with a new topic taught weekly. Topics include: virus creation and removal, manipulated images, fake websites, passwords, facial recognition, fingerprints, remote connections, and more. This is a full-year course that meets every day.

Computer Aided Design 1 – Architecture  
8064 (1.0 Cr.)  
This course will introduce students to architectural and structural design using Revit Architecture. Residential and Commercial designs will be covered. Structures designed by the students on the software will also be built using real building materials (wood, ceramic tile, gypsum board, etc. for structural analysis. Students may enroll in both CAD1 and CAD2 concurrently. This is a full-year course that meets every day.

Computer Aided Design 2 – Mechanical  
8065 (1.0 Cr.)  
This course will introduce students to mechanical design using AutoCAD. Mechanical design teaches students how to illustrate mechanical parts in 2D and 3D views. Parts designed by the students on the software will also be built using 3D printers. Students may enroll in both CAD1 and CAD2 concurrently. This is a full-year course that meets every day.

E-Commerce  
8050 (1.0 Cr.)  
This course will teach students how to conduct business online and manage the technical issues associated with constructing an e-Commerce Website. Students will learn how to create servers, websites, apps, and office related documents, and explore how to create images for branding. This is a full-year course that meets every day.

Intro to Coding  
8070 (1.0 Cr.)  
This course will survey different industry-leading technologies in computer science, web development, and data science. Students will learn foundational programming terminology and skills. An overview of HTML/CSS, JavaScript, C/C++, Java, and SQL will be included.

Advanced Placement Computer Science  
8020 (1.0 Cr.)  
This course is a college level course in Computer Science. It will use as its medium the Java programming language. Students will, in the course of the year, learn to code in Java and then use this information to learn several standard programming algorithms. The course will closely follow the course outline offered by the College Board. Basic course topics include Object-Oriented Program Design, Program Implementation and Applications, Program Analysis, and Standard Algorithms. All students will be prepared for and expected to take the AP Computer Science examination in May.

Advanced Placement Computer Science Principles  
8021 (1.0 Cr.)  
This course offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. All students will be prepared for and expected to take the AP Computer Science Principles examination in May.
freshmen

**English 9**

3006 (1.0 Cr.)

This literature course is designed to expand students’ cultural awareness and help create global citizens through the close examination of great works of literature from around the world. Students will engage with the cultural, racial, and religious differences that have bound and divided the peoples of the world and be encouraged to meet these new perspectives with tolerance and an open mind. The literature component of the course focuses on the various genres – drama, poetry, short story, novel, and non-fiction – in both classic and contemporary works. It stresses the importance of reading quality literature and developing writing skills through frequent essays and other composition assignments. English 9 will build the foundation of strong high school writing and critical thinking.

**English 9 Honors**

3007 (1.0 Cr.)

This advanced course examines literature in greater depth than the English 9 course, adding classic and contemporary works by authors such as Satrapi, Shakespeare, Camus, and Golding. Through more rigorous study, students will expand their cultural awareness and become global citizens through the close examination of works of great literature. Students will engage with the cultural, racial, and religious differences that have bound and divided the peoples of the world and be encouraged to meet these new perspectives with tolerance and an open mind. The composition component of the course expands on existing writing and critical thinking skills through analytical papers, opinion responses, creative writing, and close reading.

sophomores

**English 10 – The Great Works**

3034 (1.0 Cr.)

This literature course is designed to strengthen the reading comprehension and cultural awareness of students. This class is designed around masterworks of literature and will thematically explore issues of justice, identity, class struggle, and the complexities of human connections. Major works may include Shakespeare’s Macbeth, Fitzgerald’s The Great Gatsby, Shelley’s Frankenstein, and Orwell’s 1984. Building on the foundational skills of English 9 Honors, this class continues the development of complex skills in writing and critical thinking through analytical papers, argumentative essays, and personal reflections. In addition, research methodologies will be developed and students will produce a fully completed research project. Prerequisite: The recommendation of English 9 teachers.

**Crime and Detective Fiction**

3062 (1.0 Cr.)

This course addresses the topic of crime in classic and contemporary fiction and film. Crime and detective fiction can offer intense action, intellectual challenge, and access to criminal underworlds, political and social critique, and the exploration of the psyche. By its very nature, crime challenges authority and the boundaries of social norms while also revealing a great deal about the fears, taboos, and paranoia of

juniors & seniors

**English 10 Honors – The Great Works**

3035 (1.0 Cr.)

This advanced literature-based course is designed to strengthen the reading comprehension and cultural awareness of students in great depth. Higher standards in written work are expected, and the reading load is significantly greater, usually accounting for three works per semester. This class is designed around great masterworks of literature and will thematically explore issues of justice, identity, class struggle, and the complexities of human connections. Major works may include Shakespeare’s Macbeth, Fitzgerald’s The Great Gatsby, Shelley’s Frankenstein, and Orwell’s 1984. Building on the foundational skills of English 9 Honors, this class continues the development of complex skills in writing and critical thinking through analytical papers, argumentative essays, and personal reflections. In addition, research methodologies will be developed and students will produce a fully completed research project. Prerequisite: The recommendation of English 9 teachers.

**Advanced Placement English**

3046 (1.0 Cr.)

Students in this course will read poetry, fiction, and drama in great detail to better observe how literary artists use language to create meaning. Major works may include titles like Richard III, Jane Eyre, Portrait of the Artist as a Young Man, Death of a Salesman, and The Amazing Adventures of Kavalier and Clay. There are also frequent readings in poetry and non-fiction prose. Since the typical college English course is a writing course, the AP English course at St. Joe’s is especially structured to make students more disciplined and precise writers, through weekly written assignments and frequent exercises in revision and timed writing. The AP English course is offered in cooperation with the College Board’s Advanced Placement program. All students who take the course must also take the national exam in May. Prerequisite: Sophomore or Junior year English teachers will recommend students who may select this course.

**Crime and Detective Fiction**

3062 (1.0 Cr.)

This course addresses the topic of crime in classic and contemporary fiction and film. Crime and detective fiction can offer intense action, intellectual challenge, and access to criminal underworlds, political and social critique, and the exploration of the psyche. By its very nature, crime challenges authority and the boundaries of social norms while also revealing a great deal about the fears, taboos, and paranoia of
a society. We will begin with the Gothic crime tales of Sherlock Holmes, and then examine the “hard-boiled” noir detective classics of midcentury America, along with contemporary accounts of crime and detective work in fiction and film. We will focus on the social, historical, political, and psychological frameworks of these stories, and follow detectives both smart and cunning and damaged and alone. We will read the stories of crime, trials, and detective work that shake the very foundations of the soul, and reveal the psyche of those who dare trespass society’s norms. Along with reading and analyzing literature and film, students will also write five major essays, including two major research papers and one research-based presentation that address the core elements of writing, while also emphasizing the skills of collecting and evaluating research.

Gods and Heroes: Myth, Meaning, and Sacrifice 3063 (1.0 Cr.)
The ancient Greeks and Romans created these great myths not just to leave us with great stories of heroic action and valiant characters, but to try to provide answers to man’s great questions: What is our relation to a higher power? What is a hero? How are humans flawed? Are we in control of our own destinies? The foundation of this course is based on Homer’s great epic, and designed to look at heroic actions taken by valiant characters, the great journey, a look at man’s fate vs. free-will. Students will then look at how the ancient myths have influenced our modern culture through literature. Written works may include Homer’s Odyssey, A Prayer for Owen Meany by John Irving, Good Omens by Neil Gaiman, Peace Like a River by Leif Enger, The Spire by William Golding, and The Lion, The Witch, and the Wardrobe by C.S.Lewis. Students will study rhetorical devices, style, and form of literature as it relates to several modern novels, poetry, and verse. Students will practice critical thinking and analytical writing skills with the course culminating in a comprehensive research project and paper on ideas presented in class.

Human Rights: Understanding Justice to Inspire Change 3064 (1.0 Cr.)
Human rights have been violated, both in the United States and abroad. This course will examine historical and modern biases and oppressions based on such things as race, gender, socioeconomic status, religion, culture, etc., and explore where an individual fits in making a change in today’s world. Students will read at least five major works, possible titles including The Kite Runner by Khaled Hosseini, Night by Elie Wiesel, and Native Son by Richard Wright, and additionally will read one independent book per semester. Along with reading and analyzing literature, students will write at least five analytical papers that address the core elements of writing, while also emphasizing the skills of collecting and evaluating research.

London Seminar Honors 3065 (1.0 Cr.)
This course is concerned with understanding the city of London’s evolution through its various literary, cultural, political, and architectural incarnations. Our primary focus will be “literary London,” the examination of how various writers characterized and documented life within this cosmopolitan city. Of great importance will also be key historical, political and social movements as they relate to the evolution of London and its denizens, dating from Roman times to its status as a postmodern financial and cultural capital.

A major component of this course will be a ten-day trip to London during Easter recess. The city of London and its surrounding areas will become a classroom for students, allowing a physical realization of their conceptual work. They will experience firsthand the historical sites, museums, architecture, cultural attractions and neighborhoods studied in the course.

Our hope is that by experiencing this course and trip, they will have a greater understanding of the literary and cultural traditions of England - London more specifically - and a greater comfort with a foreign culture and its people. We will stress heavily the importance of being a “world traveler,” its implications and responsibilities.

This class will be taught in a seminar format. It will be on the level of an honors class in both course work and content, and allow our students to pursue individually designed research and thinking. This course is the model of cross-curricular: we will study history, film, architecture, urban planning, art, music, sociology, politics and literature. Prerequisite: Recommendation of sophomore or junior year teacher, and application.

The Psychology of Fear: A Study in Horror Literature 3068 (1.0 Cr.)
This class will examine the dark, twisted side of human nature. Through the study of horror literature, students will dissect the intricate plots, complex characterizations, and the artistic crafting of suspense of the selected works. Besides literary analysis, students will be introduced to psychological concepts and perspectives (Biological, Cognitive, Behavioral, Evolutionary, Humanistic) and will explore how personality disorders, mass hysteria, trauma, and fear play a factor in literature and everyday life. Written works may include Dracula by Bram Stoker, Dr. Jekyll and Mr. Hyde by Robert Louis Stevenson, and The Shining by Stephen King. Along with reading and analyzing literature, students will also write four to five major research papers and at least one research-based presentation that address the core elements of writing, while also emphasizing the skills of collecting and evaluating research.
Rebellion Literature 3069 (1.0 Cr.)
This course will examine those individuals who just can't seem to follow the rules. These individuals and groups spawned literary, cultural and artistic movements that derived energy from dissatisfaction, and the diversity, grittiness and unpredictable nature of their environments. We will spend time examining the nature and development of these rebels, including the angst-fueled protagonist in The Catcher in the Rye, the worldwide culture of graffiti artists like Banksy and Sheppard Fairey, the childlike innovation of artist Jean-Michel Basquiat, and the dissatisfied transcendental philosopher, Henry David Thoreau. We will also study various writers and poets who felt the need to question, challenge and upturn conformity. We will try to understand the social, political and economic contexts of their works as well as how their rebellious attitudes shaped counter cultures and opened spaces for youth culture and identity to have a say in the world. This course will incorporate student driven research and will be reading and writing heavy. Written works may include: The Catcher in the Rye, Walden, Brave New World, and Dr. Faustus.

Science Fiction Literature 3067 (1.0 Cr.)
Science fiction isn’t really a fanciful view of the future; it is a harsh examination of the now. This genre, more than any other, tackles the difficult questions we have about our social and political structures, scientific breakthroughs, and philosophical views on our very existence. In this course, students will read five to six major works of science fiction. Major works may include Wells’ The Time Machine, Asimov’s Foundation, and Card’s Ender’s Game. Each explore a different facet of the genre and tackle many challenging themes. We will be analyzing these texts using history, sociology, psychology, religion, politics, and of course, scientific principles. Along with reading and analyzing literature, students will also write two major research papers and one research-based presentation that address the core elements of writing, while also emphasizing the skills of collecting and evaluating research.

Geometry 1124 (1.0 Cr.)
This is the first course in a 3-year integrated sequence of mathematics that will include elements of algebra, geometry, and advanced algebra/trigonometry each year. The primary focus of Geometry will be building students’ geometry knowledge while also introducing basic algebra concepts.

Geometry Honors 1125 (1.0 Cr.)
This course is open to students who have successfully completed Algebra 1 in 8th grade. Geometry Honors is the beginning of a 3-year sequence which will prepare students to take Advanced Placement Calculus during their senior year. The primary focus for this course will be topics in geometry, but elements of the course will be designed to further the students’ understanding of algebra. Prerequisites: Successful completion of Algebra I with a Regents score of 85% or above and/or departmental approval.

Algebra I 1014 (1.0 Cr.)
This is the second course in a 3-year integrated sequence of mathematics that will include elements of algebra, geometry, and advanced algebra/trigonometry each year. The primary focus of Algebra I will be on expanding students’ understanding of algebraic concepts, but elements of the course will be designed to further the student’s knowledge of both geometry and trigonometry. Prerequisites: Successful completion of Geometry.

Algebra I Honors 1015 (1.0 Cr.)
This course is open to students who have successfully completed Geometry and demonstrated exceptional ability who have not previously completed Algebra I. This course will include topics from Algebra I as well as additional advanced topics. Prerequisites: Successful completion of Geometry with a minimum grade of 90 and departmental approval.

Algebra II 1213 (1.0 Cr.)
This is the third course in a 3-year integrated sequence of mathematics that will include elements of algebra, geometry, and advanced algebra/trigonometry each year. The primary focus of Algebra II will be on expanding students' understanding of advanced algebraic concepts. Elements of this course will be designed to further the students' knowledge of both geometry and trigonometry. Prerequisites: Successful completion of Geometry (Class of 2022) with a minimum grade of 75 or departmental approval, or Math 9 Honors (Class of 2023) with teacher recommendation.
Algebra II Honors
1225 (1.0 Cr.)
This course is open to students who have successfully completed Geometry Honors or Math 9 Honors and demonstrated exceptional ability. This course will include topics from Algebra II as well as advanced topics. Prerequisites: Successful completion of Geometry Honors/ Math 9 Honors with a minimum grade of 85 and departmental approval. Students not previously enrolled in Honors must have a minimum course grade of 90% in all four quarters of Algebra II.

Intermediate Algebra
1203 (1.0 Cr.)
This junior level course focuses on advanced algebra and geometry content with less emphasis placed on trigonometry. Prerequisites: Department recommendation.

Introduction to College Algebra
1234 (1.0 Cr.)
This course is designed for students who wish to continue building their algebra skills in preparation for college level math. Topics include practical applications in Pre-Calculus, economics, and engineering. Prerequisites: Successful completion of Intermediate Algebra with a minimum final grade, in June, of 75% and/or department recommendation OR students enrolled in Algebra II who do not meet the prerequisite for Pre-Calculus (with department recommendation).

Introduction to Statistics with Probability
1320 (1.0 Cr.)
This course prepares students to successfully step into a college statistics course. Students will develop an understanding of the statistic principles used in business and economics courses, as well as other careers that rely on statistics. The course emphasizes statistical thinking and problem solving, and less theory. Prerequisites: Successful completion of Algebra II.

Pre-Calculus
1304 (1.0 Cr.)
This course is designed to assist students in the transition from skill development in mathematics to the abstract approach encountered in college mathematics programs. Prerequisites: Successful completion of Algebra II in June, with a minimum final grade of 75%, and/or department recommendation.

Pre-Calculus Honors
1305 (1.0 Cr.)
This course is designed to prepare students for AP Calculus in senior year. Topics will include function analysis, complex number applications, polar coordinates, and matrices and will also feature advanced mathematical problem solving (as modeled by the math team leagues in which our school participates. Prerequisites: All students must have department recommendation. Students not enrolled in Algebra II Honors must have a minimum course grade of 90% in all four quarters of Algebra II.

Applied Mathematics and Calculus
1315 (1.0 Cr.)
This course is designed to provide accelerated students with the opportunity to continue their study of mathematics at an advanced level, with a focus on applications. Prerequisites: Successful completion of Pre-Calculus or Pre-Calculus Honors with a minimum final grade of 80 and department recommendation.

Advanced Placement Calculus - AB
1316 (1.0 Cr.)
This course is the equivalent of a full-year engineering calculus course. Topics will include differential calculus: techniques of taking the derivative and applications of the derivative; integral calculus: techniques of integration including partial fractions and trig substitution and applications of the integral; introduction to the calculus of parametric equations and polar coordinates; introduction to the application and solution of simple differential equations; sequences, series, power series, and approximations of functions using infinite power series. Prerequisites: Successful completion of Pre-Calculus Honors and by invitation of the Mathematics Department, with final placement based upon June grades.

Advanced Placement Calculus – BC
1317 (1.0 Cr.)
This course is designed to give students a fundamental understanding of the elements of probability, basic concepts of hypotheses testing, inferences about populations, and regression analysis. Designed as an in-depth look at the applications of statistics within the real world, the students will complete the AP Statistics Exam in May. Prerequisite: Mathematics Department permission.

Advanced Placement Statistics
1506 (1.0 Cr.)
This course is designed to give students a fundamental understanding of the elements of probability, basic concepts of hypotheses testing, inferences about populations, and regression analysis. Designed as an in-depth look at the applications of statistics within the real world, the students will complete the AP Statistics Exam in May. Prerequisite: Mathematics Department permission.

Gifted Math Program
1405/1406 (1.0 Cr.)
St. Joseph’s Collegiate Institute participates in the Gifted Mathematics Program offered at the State University of New York at Buffalo.
modern languages

French 9 2014 (1.0 Cr.)
German 9 2114 (1.0 Cr.)
Spanish 9 2214 (1.0 Cr.)
Chinese 9 2314 (1.0 Cr.)

Level 9 courses are designed to acquaint students with a modern world language and to develop the skills of listening comprehension, speaking, reading and basic paragraph writing. Students study grammar, fundamental vocabulary and culture in a communicative environment. There is no prerequisite for these courses.

Spanish 9 Honors 2215 (1.0 Cr.)

Spanish 9 Honors is an advanced course for students who have received one (1.0) credit for Spanish language by the completion of the student's eighth grade year. The course will follow an advanced curriculum, while placing students in a cohort with other advanced freshman students. 
Prerequisite: 1.0 Spanish language credit from New York State.

German 10/10 Honors 2124/2125 (1.0 Cr.)
Spanish 10/10 Honors 2224/2225 (1.0 Cr.)
Chinese 10/10 Honors 2317/2321 (1.0 Cr.)
French 10/10 Honors 2024/2025 (1.0 Cr.)
(French 10 will not be offered in 2019-2020)

Level 10 courses focus on conversation, listening comprehension, culture, reading and paragraph writing. There is a continued emphasis on communicative proficiency. Honors level students will have additional work and responsibilities while exploring the language at an increased pace. Prerequisite: Department approval for Level 10 Honors placement.

French 11/11 Honors 2034/2035 (1.0 Cr.)
German 11/11 Honors 2134/2135 (1.0 Cr.)
Spanish 11/11 Honors 2234/2235 (1.0 Cr.)
Chinese 11/11 Honors 2318/2322 (1.0 Cr.)

Level 11 courses emphasize listening comprehension, reading, culture, composition and speaking skills. Level 11 Honors courses include additional work and responsibilities while exploring the language at an increased pace. Supplementary materials are used throughout these courses. Prerequisite: Department approval for Level 11 Honors placement.

French 12/12 Honors 2044/2045 (1.0 Cr.)
German 12/12 Honors 2144/2145 (1.0 Cr.)
Spanish 12/12 Honors 2244/2245 (1.0 Cr.)
Chinese 12/12 Honors 2319/2323 (1.0 Cr.)

Level 12 courses are designed to enhance the skill levels through speaking, reading, advanced composition and research. Greater attention is also given to the culture of the target language. Level 12 Honors includes additional work and responsibilities while exploring the language at an increased pace. Supplementary materials are used throughout the courses. Prerequisite: Department approval for Level 12 Honors Placement.

AP French 2056 (1.0 Cr.)
AP German 2156 (1.0 Cr.)
AP Spanish 2256 (1.0 Cr.)
AP Chinese 2325 (1.0 Cr.)

The Advanced Placement program is an intensive study of the foreign language, requiring considerable reading, writing, listening and speaking. All students will take the College Board AP exam in the spring. Prerequisite: Enrollment into AP courses is by invitation of the department.

level 12 language electives:

French: Changing Perspectives in Contemporary Europe—(1945-Present) 2500 (.5 Cr.)

This course is an introduction to the changing perspectives that are shaping contemporary Europe. Students will explore how the concept of Europe has evolved after WWII, learning about the different institutions that govern Europeans, the unification of Europe and the impact on its citizens, the challenges that Europeans face in the age of rising populism, an aging population, and migration. This course will be taught in English.

French Cinema 2501 (.5 Cr.)

This course will explore French culture through the medium of film. Themes to be addressed include: WWII and the German occupation, rural/urban France, poverty, unemployment, education/student life, diversity, integration, migrants, illiteracy, and theater/art. Students will watch a selection of influential French films and read documents related to these films. Students will compare situations found in the films with their own lives and write personal responses to pertinent questions raised by the films. This course will be taught in English, and the films will be screened with English subtitles.

Spanish: Art and Artists of the Prado Museum in Madrid 2502 (.5 Cr.)

The course will focus on the works of Velazquez, Goya, El Greco and others. The course will be taught in Spanish with continuing grammar and vocabulary topics.

Spanish: Food and Festivals in the Hispanic World 2503 (.5 Cr.)

The course will focus on the unique festivals in the Spanish speaking world and the foods associated with them. The course will be taught in Spanish with continuing grammar and vocabulary topics.
At St. Joe’s, we aim to mentor our students in five distinct aspects of our Catholic Lasallian tradition: Respect for all Persons, Faith in God, Quality Religious Education, Concern for the Poor, and Appreciation of our Individual God-given Charisms.

**freshmen**

**Religion 9**  
5004 (1.0 Cr.)  
This course focuses on the students’ own relationship with and their faith in the presence of God. This course recognizes that we believe in the living presence of God in each other, in our community, and in our world. The course provides an introduction to the Lasallian learning community and the tradition of which St. Joe’s is a part.

**sophomores**

**Religion 10**  
5024 (1.0 Cr.)  
This course focuses primarily on the relationship one has with the figure of Jesus Christ. We recognize the Brotherhood that is formed at St. Joe’s and use this course to celebrate diversity and welcome all members of our community. An inclusive community is the Body of Christ and students in this course will reflect on how that is lived out in our Church.

**juniors**

**Religion 11**  
5035 (1.0 Cr.)  
This course focuses on how students live out their relationship with Jesus. The course further addresses how a relationship with Christ and the Church can lead to choices that are in accord with God’s plan. Respect for all persons is a cornerstone of our community, and this course highlights the many ways that we are called to honor and respect the dignity of all individuals.

**seniors**

**Religion 12**  
5047 (1.0 Cr.)  
This course is offered to all seniors as an introduction to the broader study of religion. The course focuses on the common elements present in most religions as well as an exploration of some of the individual religious traditions of the world, with a comparison of these religions to Roman Catholicism and in particular through the lenses of the Lasallian traditions. Additionally, students will reflect on the meaning of the school’s mission in their lives through the SJCI STAR (Senior Talk And Reflection) Project – a capstone project designed to bring a reflective closure to a student’s experience at St. Joe’s.
Biological Systems 0014 (1.0 Cr.)
This course will focus on connecting biological concepts of all living systems through the study of living organisms and vital functions using human systems as a model. Major topics of study will include matter and energy, structure and function, reproduction and inheritance, and natural selection and evolution. Students will develop critical thinking and analytical skills, and be introduced to the technique of laboratory investigation as a vital source of learning.

Geology & Climate Science 0024 (1.0 Cr.)
Students in this course will explore Earth and the astronomical entities that surround this great planet, identifying and exploring the processes that have shaped, and continue to shape our planet. Students will delve into oceanic conditions that support life on our fragile planet and analyze both regional and global weather and climatic patterns. Students will also analyze the world regionally - major internal and external events of Earth and the continents, including comparison of natural conditions, human activity, and cultural features. This course will emphasize the use of critical thinking and laboratory skills to gain a better understanding of the world around us.

Chemistry 0034 (1.0 Cr.)
Students will examine fundamental chemical concepts. Students will be challenged to develop a basic understanding of the interactions of matter both at the macroscopic and particulate levels. Students will be engaged in laboratory work to develop 21st century problem solving and scientific literacy skills. The essential elements of this course will enable students to make informed decisions about relevant scientific issues in their daily lives. This course fosters a desire to further investigate the wonder, excitement, and dynamic nature of science. Topics include atomic structure, electron configurations and transitions, bonding, stoichiometry, gases, thermodynamics, kinetics, equilibrium, acids and bases, redox, and environmental chemistry. This course follows the American Chemical Society’s high school curriculum, but involves a more mathematical approach to chemical principles. Prerequisites: Completion of Structure and Function of Biological Systems. Final course placement will be determined after final exams in June.

Physics 0044 (1.0 Cr.)
Students will explore physical phenomena at both a quantitative and conceptual level. Topics include Newtonian mechanics, electricity and magnetism, wave phenomena, and modern physics. Students will learn to devise and carry out laboratory experiments in order to deepen their knowledge of these topics. A strong foundation of high school mathematics and science knowledge is assumed; advanced mathematics is not required.

Environmental Science 0053 (1.0 Cr.)
This course is an introduction to environmental science. This is a writing intensive course that examines the environmental impact of population growth on natural resources, mineral and resource extraction, water resource use and water pollution, air pollution and climate change, agriculture, and conventional and sustainable energy supplies. Emphasis is placed on a holistic approach to environmental science using class discussions and case studies to instill the objectives of the course. It is recommended that students have taken Biology and Chemistry before they register for this course. Students in this course will be encouraged to challenge the Advanced Placement exam in Environmental Science in the spring.

Digital Electronics 0056 (1.0 Cr.)
This course will give students a working knowledge of analog and digital electronic technologies, including the design and construction of circuits and schematic diagrams. Students will gain experience in Arduino microcontroller programming, a language based on C/C++, and will use this language to control functions of robotic mechanisms. This class is designed to supplement topics learned in Physics and Chemistry as applied to engineering. Students will be expected to identify and assemble electronics components onto a breadboard, as well as construct robotic mechanisms from bare pieces; an aptitude for hands-on projects is vital for success. A special laboratory fee is charged.
Astronomy 0054 (1.0 Cr.)
Students in this course will study celestial objects and phenomena that occur outside of the Earth’s atmosphere on both a conceptual and quantitative level. Major course topics include stellar and extragalactic astronomy, which will focus on the formation of stars and the stellar life cycle, the origin of elements, as well as the formation of planets and solar systems, the detection and analysis of exo-planets. Students will also learn how astronomical research is conducted and what tools are used by astronomers of the past and present. Prerequisites: Basic understanding of algebra and geometry will be assumed. It is recommended that students have taken Geology/Earth Science, Chemistry, and/or Physics before taking this course. This is designed to be a 4th science course and can be taken concurrently with another science course.

Introduction to Engineering 0055 (1.0 Cr.)
Students will explore selected topics in engineering with an emphasis on the engineering design process. Topics include mechanical advantage, mechanisms, fluids, thermodynamics, materials science, electrical systems, and robotics. There is an extensive laboratory component where students apply scientific principles to different design challenges. This class is designed to supplement topics learned in other core science classes. Concurrent enrollment or completion of 3 of the following (Biology, Earth Science, Chemistry, Physics, or an AP science course) is advised. A special laboratory fee is charged.

Advanced Placement Biology 0116 (1.0 Cr.)
This course is designed to be the equivalent of a college introductory biology course and to prepare the student for the Advanced Placement exam given in May. This course is an in-depth, content intensive study of biological principles which include extensive laboratory investigations. A special laboratory fee is charged. Prerequisite: 90% or higher in both Biology and Chemistry.

Advanced Placement Chemistry 0126 (1.0 Cr.)
This is a college level course taught in conjunction with College Board’s Advanced Placement program. Students will be required to perform a minimum of twenty college investigations. A special laboratory fee is charged. All students will take the AP Chemistry examination in May. Prerequisites: An average of 93% in both Regents Chemistry and mathematics along with department approval.

Advanced Placement Physics 0136 (1.0 Cr.)
This course is the equivalent of the first two semesters of college Physics that engineering or science students would take. The first semester will cover mechanics, which includes the dynamics of motion, statics, harmonic and rotational motion, and gravitation. The second semester will cover electricity and magnetism, with a special emphasis on the theoretical applications of Maxwell's Laws. It is expected that students will sit for both parts of the AP Physics C exam in the spring. This course is calculus based and builds on the topics covered in regular physics. Prerequisites: Mathematical fluency, along with completion (coenrollment) in AP Calculus. Departmental approval is also required.

social studies

freshmen

The American Journey 4014 (1.0 Cr.)
This course is a survey of the history of the United States. Students will examine and analyze the major events and forces that have shaped our country’s history. The course will also address the development of the government and its institutions, from the origins of the nation to the present day. Importantly, the course will develop a student’s writing, study, and analytic skills as he begins his high school years. Skill development will be a major part of this course.

The American Journey – Honors 4015 (1.0 Cr.)
This course addresses the same topics and requirements of the regular level with the addition of greater detail in subject matter and skills taught. The course’s aim is to prepare students for success in Advanced Placement courses (AP World History, AP US History, AP European History), to be taken in future years.

sophomores

Understanding the World 4024 (1.0 Cr.)
This course is a survey of world history from ancient times to the present day. Students will examine and analyze the major events and forces that created the modern world. The course will stress study and analytic skills as students examine historical trends and themes across continents and eras.

Advanced Placement World History 4026 (1.0 Cr.)
This class examines all aspects of world history from the Middle Ages to today. This Honors class culminates in the students taking the Advanced Placement World History examination in May. The purpose of the course is to develop a greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. Emphasis is placed on analysis and writing. Prerequisite: Department approval.
juniors

**American History—Democracy: The American Experiment**  
4034 (1.0 Cr.)
This course examines American history in depth from its colonial origins to the present day. Students will develop a more complex understanding of the United States and what made the world consider our country to be an experiment in democracy. Special focus will be placed on students’ analytical and written skills.

**Advanced Placement American History**  
4036 (1.0 Cr.)
This is a college level course open to juniors. The course covers the entire spectrum of American history. Students will learn the skills to analyze material and to deal critically with the problems and events of American History. At the end of the course, the student will take the College Board AP Examination. **Prerequisite:** Placement is based on present teacher recommendation and department approval.

seniors

**Economics: American Capitalism in Action**  
4044 (.5 Cr.)
**American Government: Democracy in Action**  
4054 (.5 Cr.)
These courses, required of all seniors, combine to make a full-year program. The economics section examines the major components of America’s economic system, combining economic theory and practice to help students learn how to make real-life decisions about employment options, consumer choices, and personal finance. The government section analyzes the democratic system and the individual’s role in that system.

**Advanced Placement Macroeconomics**  
4046 (.5 Cr.)
Students enrolled in AP Economics will learn to use graphs, charts, and data to analyze and explain economic concepts at the college level. AP Macroeconomics is concerned with the economic system as a whole, with particular emphasis on the study of national income and price-level determination. Students will become familiar with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students may take one or both sections of AP Economics.

**Advanced Placement Microeconomics**  
4047 (.5 Cr.)
Students enrolled in AP Economics will learn to use graphs, charts, and data to analyze and explain economic concepts at the college level. AP Microeconomics introduces students to the principles of economics that apply to the functions of individual economic decision-makers. Students will learn about the operation of product and factor markets, distributions of income, market failure, and the role of the government in promoting greater efficiency and equity in the economy. Students may take one or both sections of AP Economics.

**Advanced Placement U.S. Government and Politics**  
4066 (1.0 Cr.)
This course gives students an analytical perspective on government and politics in the U.S. It familiarizes students with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. At the end of the course, students will take the AP exam in U.S. Government and Politics. **Prerequisite:** Placement is based on present teacher recommendation and department approval.

**Advanced Placement European History**  
4056 (1.0 Cr.)
This course will enable students to understand the principal themes in European history from the fifteenth to the twentieth centuries. The material presented is designed to be both stimulating and challenging. At the end of the course, students will take the College Board AP European examination. **Prerequisite:** Placement is based on present teacher recommendation and department approval.

visual & performing arts

**Freshmen Singers**  
6104 (.5 Cr.)
This course intended for the beginning singer is a survey of musical elements through the experience of singing and listening. Vocal technique will be introduced along with elementary music reading and analysis, learning to match pitch, and reading simple rhythms. Students will learn to work as a team and encourage the success of their classmates. Elements of music and the instruments of the orchestra will be discussed as well as an overview of major periods in music and their characteristics. Students will participate in the Christmas Departmental concert as well as two school liturgies.

**Art & Architecture**  
6205 (1.0 Cr.)
Art and Architecture will explore how the elements and principles of art influence architecture and design. Students will have a comprehensive look into the world of architecture, from buildings to bridges, and be able to explore the ways we relate their design principles to a work of art. Students will use various mediums of drawing, painting, sculpture, as well as digital 3D modeling programs.

**Arts Appreciation**  
6144 (.5 Cr.)
This course is a comprehensive introduction to vocal music, instrumental music, theatre, and visual arts. Students will study the basic elements of each and participate in creative exercises to develop an appreciation and understanding of each discipline.
Studio Art 1  
6204 (.1 Cr.)  
This course introduces students to the basic elements and design principles, while working in a studio atmosphere with a variety of media. Basic drawing methods are also introduced. Good design is stressed in each project, along with proper presentation of finished works. Appreciation of work, past and present is also related to art production. Prerequisite: Interest in creating art.

Beginning Band - Brass  
6004 (.5 Cr.)  
This course is for the intermediate or advanced strings players. It is for the intermediate or advanced strings players. Standard literature is performed. Attendance at assigned performances, recordings, special events, and related rehearsals is required as part of a student's evaluation. Enrollment is by permission of the instructor.

Beginning Band - Percussion  
6014 (.5 Cr.)  
This course is for the percussion student who has had some previous experience through either a school program or private lessons. Basic snare and reading skills will be developed. Each student must purchase drumsticks, pad, stand, and metronome through the instructor. These will be used for all classes. Class enrollment is limited.

Beginning Band - Woodwind  
6024 (.5 Cr.)  
This course is for the beginning student who is interested in learning the clarinet, saxophone, flute, or other woodwind instrument. No prior experience is necessary. Certain instruments are furnished for a nominal fee. Class enrollment is limited.

Beginning Piano  
6006 (.5 Cr.)  
This course is meant for the person who has never set their fingers down on keys before. Over the course of the year, you will study various techniques used to practice piano and to build a strong foundation in both playing as well as reading music. A sound before symbol approach is used to introduce new material. Beginning music theory is introduced alongside ear training practice. Students will learn the basics of navigating a piano and will be able to perform pieces with left and right hands playing together. Class enrollment is limited.

Glee Club  
6114 (1.0 Cr.)  
This course is for the intermediate or advanced brass and woodwind instrumentalist. Standard concert band literature is performed. Attendance at assigned performances, recordings, special events, and related rehearsals is required as part of a student’s evaluation. Enrollment is by permission of the instructor.

Jazz Improvisation  
6065 (1.0 Cr.)  
This course will give experienced instrumental students the opportunity to play in a small jazz ensemble group setting. Students will learn the basics of jazz from reading music/charts, rhythms and improvisation. Performances and concerts in and out of the school are a mandatory part of the course requirement. Prerequisite: Department approval after audition and participation in Concert Band or Varsity Singers.

Varsity Singers  
6124 (1.0 Cr.)  
This ensemble explores and studies three and four part men's choral arrangements, as well as solo singing experience. The pace is more advanced than Glee Club. Students are expected to study scores on a daily basis, and a serious extended commitment is required of all students. Ensemble members are required to participate in all SJCI liturgies, departmental concerts, other concert events, and Sunday Family Masses throughout the school year. Admission is open to incoming freshmen according to experience. Prerequisite: Enrollment is by permission of the instructor.

Strings  
6005 (.5 Cr.)  
This course is for the intermediate or advanced strings player. Standard literature is performed. Attendance at assigned performances, recordings, special events, and related rehearsals is required as part of a student’s evaluation. Enrollment is by permission of the instructor.
Music Theory 6074 (.5 Cr.)
This course is a survey of a variety of the hardware and software that is used to make and produce the music you listen to today. Students will take a hands-on approach to learning techniques of audio recording. Students will understand the fundamentals of music theory and aural skills that include rhythmic and melodic notation, harmony, scales and chord progressions. Programs such as Logic Pro, Sibelius, MainStage and Audacity will be used in the course. Students should have experience in singing or playing an instrument. All necessary equipment will be provided for the class. Prerequisite: Enrollment by permission of the instructor.

Survey of Audio Engineering 6145 (.5 Cr.)
This course is a survey of a variety of the hardware and software that is used to make and produce the music you listen to today. Students will take a hands-on approach to learning the correct terminology and many techniques of audio recording. Students will understand the fundamentals of music theory and aural skills that include rhythmic and melodic notation, harmony, scales and chord progressions. Programs such as Logic Pro, Sibelius, Fruity Loops and Audacity will be used in the course. Students should have experience in singing or playing an instrument. All necessary equipment will be provided for the class. Prerequisite: Enrollment by permission of the instructor.

Introduction to Theater History 6154 (.5 Cr.)
This is a comprehensive introduction to the Theater Arts in our world. Students study basic elements of theater design, a brief historical significance, and participate in interactive creative theatrical exercises to develop an appreciation and understanding of Theater Arts in our society. Students will study about Theater’s historical significance, and participate in interactive creative theatrical exercises to develop an appreciation and understanding of Theater Arts in our society. This course is a study of the development of theatrical literature, theatrical production, personages, and major events, which comprise the history of theater from primitive man through the Baroque period.

Advanced Acting 6036 (.5 Cr.)
This class is meant to provide the opportunity for more advanced study of the basic techniques, acting styles, and improvisation learned during Introduction to Acting. Workshops, improv games, creative exercises and journaling will help students to continue to develop their natural talents and apply them for possible college or professional auditions. Students will also have an opportunity to direct a short play utilizing the talents of the Introduction to Acting students at the end of the year. Grading is based on attendance, leadership, and execution on a more advanced level of the various projects during the year. Prerequisite: Instructor’s approval and/or successful completion of Introduction to Acting.

Musical Theater Performance 6314 (1.0 Cr.)
A collaborative course in which students will understand that acting, singing, and dancing exist at heightened levels in Musical Theater. Students will understand that the circumstances in which composers and lyricists wrote contribute to the content and structure of their shows. Students will understand that traditional Musical Theater forms have evolved and fragmented into a variety of different styles. Students will understand that an individual and disciplined approach to rehearsal leads to an improved performance. Students will understand that analyzing the music, lyrics, structure and style of a Musical Theater song guides performers to make more effective choices. During the course, students will be required to present three pieces from Musical Theater History.

Public Speaking 1 3103 (.25 Cr.)
Public Speaking 2 3104 (.25 Cr.)
This course provides the opportunity for practical experience in speaking before an audience. By making presentations in the “safe environment” of the classroom with personalized feedback, students will find themselves more confident and better prepared for speaking situations in college, at work, and in the community. Grading is based on frequent oral presentations, and participation in class. Speech topics will include: sales speech, political speech, eulogy, best man speech, business presentation, oral readings, and coach/rally speech. Students may take both Public Speaking courses. Completion of a Public Speaking course is a graduation requirement for all students.

Shakespeare: Page to Stage 6303 (.5 Cr.)
This course explores Shakespeare’s plays in their original texts and in performance. Students will have the opportunity to cut, adapt, or alter the playwright’s words in their own adaptations. We will also work in union with our artist in residence program in preparing performances from a variety of the earliest texts. Adaptations on film and in the theater will be reviewed to gauge how practitioners have altered the plays in the past. We will examine different manuscripts side by side with modern edited versions, and, since it is impossible to fully discover the plays without the experience of performing them, this course also provides a supportive environment in which to explore the text brought to life. Ideal for those interested in early modern texts who would like the opportunity to put the words on their feet.

Musical Theater Performance 6314 (1.0 Cr.)
A collaborative course in which students will understand that acting, singing, and dancing exist at heightened levels in Musical Theater. Students will understand that the circumstances in which composers and lyricists wrote contribute to the content and structure of their shows. Students will understand that traditional Musical Theater forms have evolved and fragmented into a variety of different styles. Students will understand that an individual and disciplined approach to rehearsal leads to an improved performance. Students will understand that analyzing the music, lyrics, structure and style of a Musical Theater song guides performers to make more effective choices. During the course, students will be required to present three pieces from Musical Theater History.

Studio Art 2 6210 (1.0 Cr.)
This course builds on the basic art elements and principles, while working in a studio atmosphere with a variety of media. More advanced techniques and materials are introduced. Good design is stressed in each project, along with proper presentation of finished works. Appreciation of work, past and present is also related to art production. Prerequisite: Studio Art 1, grade 85/higher, and/or permission of the instructor.
Studio Art 3
6211 (1.0 Cr.)
This course continues to build students’ mastery of art elements and design principles, while working in a studio atmosphere with a variety of media. Focus becomes more conceptual with student driven themes, subject matter, and representation while mastering materials from Studio 2. Prerequisite: Studio Art 2, grade 85/higher and/or permission of the instructor.

Studio Art 4
6212 (1.0 Cr.)
As a culmination of the Studio series, students will get to work with more advanced materials, such as plaster and oil paint, and further express their own voice. Projects will be introduced thematically and students will have the opportunity to come up with their own ideas of representation, how they choose to compile their artwork, and what medium they want to use. Students will be required to submit a final portfolio and artist statement. Prerequisite: Studio Art 3 with a grade 85/higher.

Advanced Placement Studio Art: Drawing or 2D Design
6236 (1.0 Cr.)
Students study art styles and techniques at an advanced level to develop a portfolio in three sections: quality, breadth, and concentration. Completion of the portfolio demands self-discipline to apply creative talents to a variety of projects, both assigned and self-structured. College credit through the College Board may be awarded based on the evaluation of the student’s portfolio and the college to be attended. Prerequisite: Completion of Studio Art 1-3.

Advanced Placement Art History
6235 (1.0 Cr.)
Students will be introduced to works of art throughout history covering various cultures. Through observation, discussion, reading, and research, students will begin to understand the greater meaning behind each piece. Students will learn to evaluate a work of art through critical analysis, especially related to religion, politics, gender, and race. Students will take the College Board examination in May. There is no prerequisite although an interest in history and art theory is helpful.

Introduction to Photography
6253 (.5 Cr.)
Taught by a professional photographer, this course will cover basic photography principles of composition, lighting, exposure, aperture, and depth of field using the students' and/or classroom digital cameras. Students will learn to manipulate and print using Adobe Photoshop. It is preferable that students have their own digital camera or smart phone camera but not required.

Digital Video Arts
6264 (.5 Cr.)
This course will explore all aspects of digital video production including development of storyboard, use of various camera angles, how to shoot and edit films for creative storytelling, journalism training, as well as how to upload for DVD or Internet presentation. All work will be done on Macintosh computers using state-of-the-art software. Video cameras are available for student use. Content expression and solid design will be stressed as well as mastery of program techniques. It is preferable that students have their own digital camera or smart phone camera but not required.

visual & performing arts: non-academic overelectives

The following courses meet outside of the school day and are not included in a student’s course load or grade calculations. Students are rated according to an alphabetical grade that appears on report cards and permanent records.

Applied Voice
6324 (.5 Cr.)
This course is for advanced singers interested in the study of classical literature and vocal techniques as needed for college entrance auditions as well as general performance. Prerequisite: Instructors approval.

Swing Choir
6134 (1.0 Cr.)
This course is a mixed choral group performing numerous concerts throughout the school year. The music literature emphasizes Broadway show tunes, popular music, and light jazz and gospel. Outside working practices and concerts are required. Prerequisites: Audition required; instructor’s permission; co-enrollment in Glee Club or Varsity Singers.

Theater Production 1—Fall Drama
6155 (.5 Cr.)
This course provides a semester opportunity based on involvement in the Fall Drama Production. Each student involved in the Fall drama as a actor, designer, crew member, and/or stage manager will enroll in this course to provide them academic credit for their involvement. This course meets after school, is co-ed, and the grade is calculated by participation, meeting deadlines, and the SJCI project based assessment guidelines.

Theater Production 2—Spring Musical
6156 (.5 Cr.)
This course provides a semester opportunity based on involvement in the Spring Musical production. Each student involved in the Spring Musical as a actor, designer, crew member, and/or stage manager will enroll in this course to provide them academic credit for their involvement. This course meets after school, is co-ed, and the grade is calculated by participation, meeting deadlines, and the SJCI project based assessment guidelines.
Workshops
The Visual and Performing Arts Department offers a variety of non-graded, non-credit bearing workshops taught by professionals in their fields through an Artists in Residence Program. Highly trained professionals offer these opportunities for the students outside of the school day in a variety of artistic venues including: Strings, Dance, Musical Theater, Graphic Design, Sculpture, Animation, Set Design, and Lighting. Signups for these workshops take place as they are offered. Successful completion of the workshops can be noted on the student’s transcript, but grades will not appear on the report card.

independent electives

Business Studies: Fundamentals of Leadership
4084 (1.0 Cr.)
This full-year course highlights and strengthens personal character and cognitive skills indispensable for the successful business or organizational leader of the 21st century. Students develop core competencies highly valued in today’s rapidly evolving business world including creative thinking, problem solving, and facilitation skills. Throughout the course, students will extract, interpret, and apply theories and evidence from research on topics ranging from innovation, entrepreneurship, and creativity in hands-on, collaborative activities. At the culmination of the course, students will have the ability to assess and improve a team’s ability to solve complex challenges and facilitate that process using simple frameworks and a number of cognitive tools.

Christian Leadership and Ministry
5050 (.5 Cr.)
This course is offered to juniors and seniors to train students as Christian and Lasallian leaders, “elder brothers” and peer ministers. Students will identify personal gifts and charisms that can be used at the service of others through ministry. Students will be responsible to prepare and execute a variety of faith-based activities including retreats, prayer services, group faith sharing sessions and discussions, liturgies, etc. Prerequisite: Students that are interested will need to complete an application and interview with the Campus Minister.

Introduction to Film
9440 (1.0 Cr.)
The goal of this class is to help students interpret and reflect on film. It will cover the film process, filmmaking techniques, and how to critically analyze the art form. The class will also delve into the historical, political, psychological, and philosophical aspects of film. Students will explore how history impacted filmmaking and how those films reflect the identity of the time period. They will learn how a film is created (script writing, financing, directing, cinematography, acting, editing, sound, music, special effects, and distribution). Prerequisite: Students must have an 85% or higher average in English the previous year.

Jazz Lab Band
6064 (1.0 Cr.)
The Jazz Lab Band concentrates on the performance of high quality big band literature. After-school rehearsals and performances are a required element of this course. Dedication to improvement of skills and musical knowledge is essential to participate in Jazz Lab Band. Individual practice outside of rehearsal is required. Students must be participating in a curricular music ensemble to be a part of the Jazz Lab Band. Permission of the instructor is required.

Journalism
8104 (.5 Cr.)
This intensive writing course is designed to give students a deeper understanding of the nature of journalism. Students will explore how journalists find stories, interview people, research and gather information. The class will learn how to structure and write news articles (including features, film and music reviews, sports analysis, profiles, and investigative reporting). The course will develop researching and writing skills, as well as a larger understanding of current events. Students will also be writing SJCI articles for the Student Prints.

Psychology: Exploring Human Behavior and the Mind
4074 (1.0 Cr.)
This is a full-year survey course in general psychology. The purpose of this course is to examine the major areas that are studied and explored by psychologists. Some of the topics that will be examined are: Personality, Mental Illness, Intelligence, Alternate States of Consciousness and Stress.

Yearbook Design
8105 (.5 Cr.)
Students will learn the aspects of SJCI yearbook design and production. These aspects include, but are not limited to: publication design, photo-journalistic writing, organization skills, and teamwork. Students in this class are responsible for the creation and production of a certain number of assigned page layouts. Page layout assignments include: collecting and taking photographs, conducting interviews/polls, writing captions and stories, organizing the information into well-designed page layouts, meeting deadlines, and editing the pages. Students learn skills that range from using computer software programs such as Adobe Illustrator and Adobe Photoshop to using equipment such as digital cameras. This course will meet once a week after school throughout the school year.