COURSE CATALOG

Saint Joseph Catholic High School

Saint Joseph Catholic High School

1790 Lake Street
Ogden, UT 84401

Phone: 801-394-1515

AP CAPSTONE

At Saint Joseph Catholic High School

AP CapstoneTM is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP courses– AP Seminar and AP Research– and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses.

In AP Seminar, students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. In AP Research, students cultivate the skills and discipline necessary to conduct independent research in order to produce and defend a scholarly academic thesis. AP Seminar is a prerequisite for AP Research . Students may not take AP Research without completing AP Seminar and all the required assessment components as they will not have developed the skill necessary to be successful in AP Research.

The AP Capstone program aims to empower students by:

- Engaging them with vigorous college-level curricula focused on the skills necessary for successful college completion;
- Extending their abilities to synthesize information from multiple perspectives and apply skills in new situations and cross-curricular context;
- Enabling the to collect and analyze information with accuracy and precision.
- Cultivating their abilities to craft, communicate, and defend evidence-based arguments; and
- Providing opportunities for them to practice disciplined and scholarly research skills while exploring relevant topics to their interests and curiosity.

AP Capstone Courses

AP Seminar

AP Seminar helps students investigate topics that are of real importance in our world today, while looking at them from different perspectives through research and writing. Students will learn to analyze data and create precise arguments. Lastly, each individual will communicate their perspective through various media, making this a worth-while class that will teach them to use researching tools at the next level of academia.

AP Research

AP Research is the second component in the AP Capstone sequence. To enroll, students must have taken AP Seminar and received a score of 3 or higher from the College Board. Students build on the reading, research, and writing skills developed in AP Seminar, and write a 5,000 word individual research paper, similar to a senior thesis and representing an original line of inquiry.

AP Capstone™

English

English 9

Welcome to high school English!

There is virtually no aspect of success in life that is not influences by how well a person understands and uses language (USOE,2019). The English 9 curriculum flows from the Common Core State Standards Initiative (CCSSI). It stresses the knowledge and skills students need to be successful when they leave high school, whether they go on to college, pursue career or technical training, or move directly to the work force.

In English 9, students will read a variety of increasingly complex literary and informational texts, using close reading strategies and techniques to ensure comprehension and promote deeper analysis. The English 9 writing program is rigorous and is supported by a strong, grade-specific language component (Grammar, syntax, diction). Students will focus mainly on narrative, argumentative, and informative/ explanatory writing styles. With the help of ASU Inline Learning, students get a blended learning experience to prepare them for the digital world.

English 10

In English 10, students will read a variety of increasingly complex literary and informational texts, using close reading strategies and techniques to ensure comprehension, and promote critical analysis. The English 10 program is rigorous and is supported by a strong, grade-specific language component (Grammar, syntax, diction). In addition, English 10 includes a specific research project that teaches students how to properly access, acquire and analyze information; to identify and support or criticize arguments; and to present their own arguments with clarity and precision. Additional instructional information and lessons will be provided both in class and through a partnership with Arizona State University (ASU).

English 11

Junior English enjoys a college-prep atmosphere. The class is designed to help students recognize and appreciate American Literature; to enhance their desire and ability to read with comprehension; and to improve their writing skills for SAT/ACT tests– and for life. From our nation's Native American origins to the present, genres explored include oral tradition, poetry, fiction, drama, and nonfiction. The textbook contains over 1,000 pages of stories and poems. Mixed throughout the readings are exercises on writing, research, language, grammar, speaking, and listening.

English 12

Senior English is a college-prep course designed to assist students in recognizing and appreciating World Literature and improving their reading, comprehension and writing skills for college and career. "Passports" to eight cultures offer students on insider view of each country's history, geography, and literature, as well as moral and ethical values.

Detailed reviews of international literacy works are laced through the twelve-unit, 1,200-page textbook. These reviews include the five major genres– oral traditions, poetry, fiction, drama, and nonfiction. Some themes covered include the struggle against intolerance, love, coping with death, communion with nature, and realism. External reading and writing assignments reinforce lessons learned in class. Students are required to read three period novels and report their findings both individually and in teams.

AP English Literature

Prerequisite: Senior & Department Approval

An AP English Literature and Composition should engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students should deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

AP Seminar

Prerequisite: Sophomore or Junior & Department Approval

AP Seminar helps students investigate topics that are of real importance in our world today, while looking at them from different perspectives through research and writing. Students will learn to analyze data and create precise arguments. Lastly, each individual will communicate their perspective through various media, making this a worth-while class that will teach them to use researching tools at the next level of academia.

AP Research

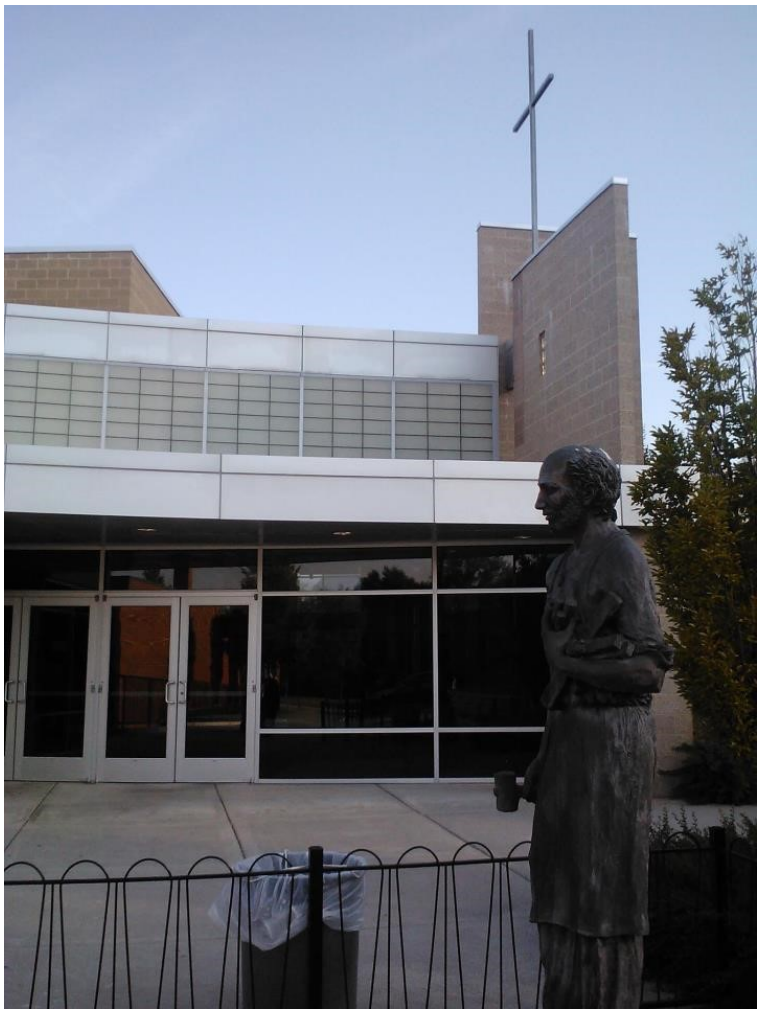
Prerequisite: Junior or Senior & Successful completion of AP Seminar

AP Research is the second component in the AP Capstone sequence. To enroll, students must have taken AP Seminar and received a score of 3 or higher from the College Board. Students build on the reading, research, and writing skills developed in AP Seminar, and write a 5,000 word individual research paper, similar to a senior thesis and representing an original line of inquiry.

AP English Language & Composition

Prerequisite: Junior or Senior & Department Approval

AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style.



Languages

ESL

Required for all international students

The ESL course at St. Joseph's is specifically designed to help students who have already achieved a moderate level of fluency to undertake the far more difficult task of beginning academic based language acquisition. The first semester of this course includes language learning philosophy, an introduction to reading text for comprehension, and ACT/SAT/TOEFL preparation. During the second semester, ESL focuses on more in-depth grammar and syntax, and self-driven vocabulary and language concept acquisition for the purposes of improving academic composition.

Spanish Overview

All Spanish courses offered at SJCHS are taught at the highest level of expectations. Most of the classes are conducted in Spanish to improve the student's ability to comprehend the spoken Language. We offer Honors and non-Honors for each of the courses and the difference begins in the grade scale, work expectations and assignments. Also, Honor students are required to take the Spanish National Exam where non-Honors is optional.

We include material from various sources to prepare the students for the AP examination in either the Junior or Senior year.

Spanish 1 (Honors & non-Honors)

This course will provide the student with a general introduction to the Spanish language; sound system, pronunciation, functional vocabulary related to everyday life, cultural information, and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and limited writing. There are two main objectives of the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with the instruction that teaches basic understanding of Spanish culture, vocabulary, and grammatical concepts. Students will be exposed to the present tense, present progressive, and some introductory past tenses. Students will be expected to apply writing and speaking skills. Because this is an entry-level course offered at the High School, students that have taken Spanish in the past and have not earned a B or better will not be allowed to enroll in the Honors track.

Other skills required in the class: Very familiar with Google Drive, Slides, and Word.

Spanish 2 (Honors & non-Honors)

Prerequisite: Spanish 1 or instructor approval upon completion of placement test.

Spanish 2 builds upon knowledge gained in Spanish 1. This course will also reinforce the skills learned in Spanish 1: listening, speaking, reading, and writing. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past tense, future, conditional and subjunctive mood. Students will be expected to apply them in their writing and speaking. Students are expected to write journals with 500+ words including application of grammar concepts and a variety of vocabulary (not just simple vocabulary).

Spanish 3

Prerequisite: Spanish 2

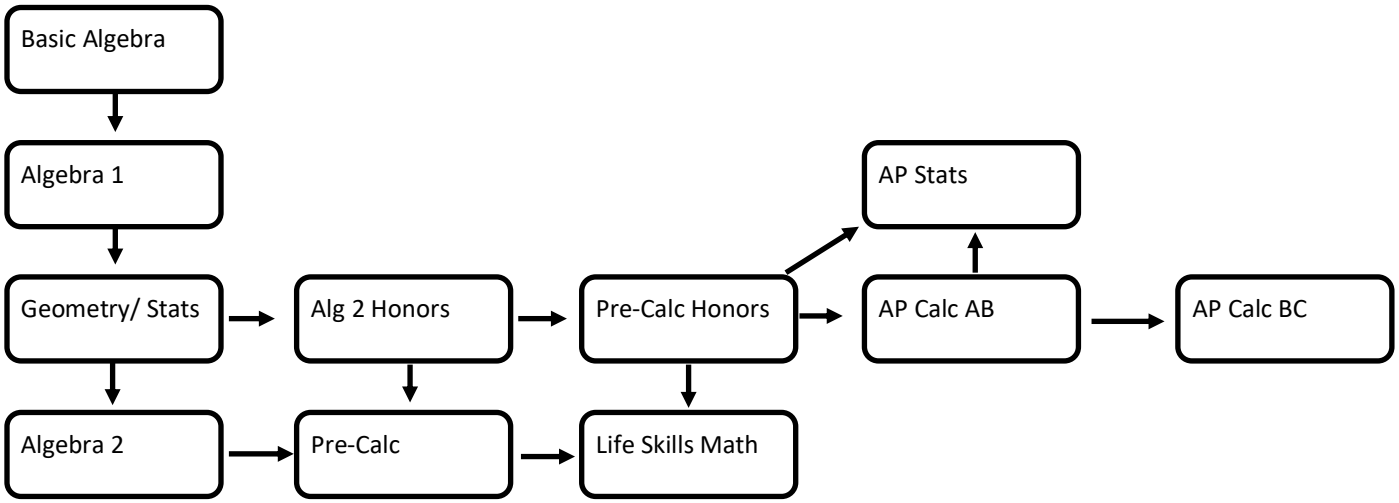
This course builds upon knowledge gained in Spanish 1 and 2. The course is a continuation and recycling of knowledge acquired in Spanish 1 and Spanish 2, as well as an introduction to new vocabulary, structures, and expressions. Students will be expected to expand their vocabulary range to include more sophisticated terms, use advanced language expressions, verb tenses, and grammatical concepts such as pluperfect and the subjunctive mood. Students will view Spanish language films and read selected Spanish literature. In this course, while students will be reminded of previous grammar concepts learned, students will be exposed to work expected in the AP course. Students will work with partners on chat work, conversations, and other work related to AP preparation level for the AP course. This course is offered to students that are serious about Spanish. Students are required to take the AP Spanish exam.

AP Spanish Language & Culture

Prerequisite: Spanish 3 & Department Approval.

The AP Spanish Language and Culture course provides students with opportunities to demonstrate their proficiency at the Intermediate to Pre-Advanced range in each of the three modes of communication described in the ACTFL Performance Descriptors for Language Learners. Students are expected to: engage in spoken and written interpersonal communication, synthesize information from a variety of authentic audio, visual, and audio-visual resources; synthesize information from a variety of authentic written and printed sources; and plan, produce, and present verbal and written presentation communications.

Mathematics



Mathematics Overview

All students are required to take at least three years of mathematics, with successful completion of Intermediate Algebra 2 as the minimum requirement for graduation. All new students are required to take a placement test.

Placement in the Honors Math Track depends upon previous math classes, the results of the placement test, and teacher recommendation. Honors math classes are taught at a fast pace. They require enthusiasm for the subject; and greater expectations on homework assignments. Extra study time might be required to prepare for more challenging exams.

Basic Algebra

This course establishes foundation in algebra and problem solving. Topics include the concepts of signed numbers, exponents, order of operations, simplifying expressions, ratios, percents, and word problems. Additionally, students will be introduced to linear equations and inequalities, graphing, formulas, polynomials, factoring, and elements of geometry. Upon completion, students should be able to apply the above concepts in problems solving.

Algebra 1

This course in introductory algebra is designed to develop the manipulative skills of algebra. Topics include the fundamental concepts of operating within the real number system, working with first degree equations in one unknown, identifying and evaluating functions, factoring of and multiplication of polynomials, and working with algebraic fractions. We will also cover linear equations and graphs, systems of linear equations, exponents and radicals, quadratic equations, and applications. In order to establish a strong foundation, a pre-algebra review of ratios and percents will also be included. All topics include word problems and modeling.

Geometry/Statistics

This course covers 1 quarter of basic statistics and probability and 3 quarters of geometry. The statistics portion of the course will cover basic definitions, descriptive statistics, graphs and histograms, central tendencies and measure of spread, and basic concepts of probability. Topics for geometry focus on geometric concepts necessary for standardized tests such as the SAT/ACT. Notation, measurement, basic proofs, and basic constructions will be covered. Concepts are taught in-depth through the integration of algebra skills to solve problems of congruence and similarity, applying the properties of geometric figures including triangles, circles, quadrilaterals, n-sided polygons, surface area and volume of 3-dimensional prisms, as well as an introduction into basic trigonometry.

Intermediate Algebra 2

This course emphasizes concepts, techniques, and applications of the following major topics: factoring, algebraic fractions, radicals and rational exponents, complex numbers, quadratic equations, rational equations, two-variable linear equations/ inequalities and their graphs, systems of linear equations and inequalities, and an introduction to functions, including quadratic, rational, exponential, and logarithmic functions. Through the course, word problems and problem-solving techniques are emphasized. In addition to learning specific procedures, students study math theory.

Pre-Calculus (non-honors)

Pre-Calculus covers topics from college level courses in College Algebra and Trigonometry. The intention of the course is to effectively prepare students for college level mathematics both in terms of content and rigor. Topics from the Sat and ACT will also be emphasized. Successful students in this course are capable of using time effectively, meeting deadlines for assignments and projects, working hard at understanding challenging and interesting topics, and directly applying concepts to applications from physical and life sciences and economic models.

Topics covered in the course include polynomials, rational, exponential, logarithmic, and trigonometric functions along with their properties and applications. Also covered will be techniques of graphing all previously stated functions as well as general treatment of conic sections.

Intermediate Algebra 2 Honors

This course emphasizes concepts, techniques, and applications of the following major topics: factoring, algebraic fractions, radicals and rational exponents, complex numbers, quadratic equations, rational equations, two-variable linear equations/ inequalities and their graphs, systems of linear equations and inequalities and their graphs, and an introduction to functions, including quadratic, rational, exponential, logarithmic functions, introduction, introduction to discrete mathematics (time permitting). Throughout the course word problems and problem solving techniques are emphasized. In addition to learning specific procedures, students study math theory.

Pre-Calculus Honors

Prerequisite: Successful completion of Intermediate Algebra 2 Honors, or adequate placement test score.

Pre-Calculus Honors is a college-level math course with an emphasis on preparing students to be successful in AP Calculus AB and AP Calculus BC. Successful students in this course show an interest in the subject of mathematics, are capable of using class time, and working effectively in small groups or independently.

Topics covered in the course include polynomial, rational, exponential, logarithmic, and trigonometric functions along with their properties and applications. Also covered will be techniques of graphing including all previously stated functions as well as conic sections, polar equations, and parametric equations. Foundational topics to calculus such as limits, end-behavior, and continuity are also included.

Life Skills Math

Prerequisite: Pre-Calculus or Pre-Calculus Honors

This year-long course covers mathematical topics from middle and high school curriculum that have applications relevant to everyday life. Topics will include fundamentals of formal and informal logic, the foundations of set theory, graph theory, and number theory, mathematical modeling, exponential and logarithmic functions, geometry, and probability and statistics. Applications will include projectile motion problems using quadratic functions and vectors, exponential growth and decay, financial models such as compound interest, amortized loans, inflation, and taxes, apportionment and voting theory, principals of counting and probability, and descriptive statistics.

This course is a good option for students who have fulfilled their 3-year math requirement for graduation and would like a 4th year of math, but who are either not interested in or not prepared for AP Calculus courses.

AP Statistics

Prerequisite: Pre-Calculus or Pre-Calculus Honors

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics.

AP Calculus AB

This is a college-level course in differential and integral calculus, equivalent to one or one and a half semesters of university credit. Topics include: a review of functions, an introduction to limits and continuity, derivatives and their applications, anti-derivatives and the Fundamental Theorem of Calculus, and an introduction to differential equations using slope and fields.

The course emphasis is on conceptual understanding and working with functions represented graphically, numerically, analytically, and verbally. Graphing calculators are used extensively. The Advanced Placement Calculus AB exam is expected of all students in this course.

As for all AP courses, students need to work at least an hour daily outside of class and to study extensively for tests. Additional effort is required in April to adequately prepare for the AP exam.

AP Calculus BC

This is a college-level course in differential and integral calculus, equivalent to two semesters of university calculus. All topics taught in AP Calculus AB are reinforced by extensive practice and extending the range of application models. The course includes study of parametric and polar curves and vector functions; advanced techniques of anti-differentiation, infinite series, approximating functions by polynomials; and theory of power series. Traditional teaching methods will be used along with some elements of independent study. All students are expected to take the AP exam.

Science

Biology

Biology is the study of life. The course studies cell structure, levels of organization, and cell growth; photosynthesis, respiration; DNA, RNA and protein synthesis; and genetics. Biology deals with the simplest of living things, viruses and bacteria, and the most complex of living things, humans. Life on Earth is examined using the three-domain classification system and taking an in-depth look at the evolution of a few key phyla. All of these levels of organization are tied together through overarching themes that permeate the field of biology. Lab activities and projects will enhance the classroom component of this class.

Anatomy & Physiology

Prerequisite: Biology

This course studies the anatomy and physiology of the human body. It looks at the levels of organization of the body from the atomic level to the complex interactions of multiple organ systems. The course also examines each of the organ systems within the human body as well as the homeostatic mechanisms that keep them in sync. There are numerous labs and projects throughout the year to complement the classroom component.

Astronomy

In this course students will explore properties of the sun starts, interstellar material and cosmological models of the universe. Students will learn to understand the language of astronomy, understand and use specific theories, laws, and models useful in astronomy, and graph, analyze, and interpret various types of astronomical data. Laboratory activities will include real and virtual astronomical viewings and experiments.

Chemistry

Prerequisite: Simultaneous enrollment in Intermediate Algebra 2 or higher

Chemistry is a challenging full-year course that includes traditional topics integrated with laboratory activities and demonstrations. Topics include the structure of the matter, states of matter, chemical reactions, stoichiometry, thermochemistry, chemical equilibrium, acids/bases, and electrochemistry. In addition to in-class time, students should expect to spend approximately 5 hours on homework each week.

Earth Systems

Earth Science concepts include the composition of the Earth, the forces of the Earth, oceanography, and meteorology. Students will understand the balance between all of the Earth's four spheres. The concept of sustainability will unite the study of the four spheres and draw in the way that humans interact with and change Earth's natural balance.

Physics

Prerequisite: Simultaneous enrollment in Intermediate Algebra 2 or higher.

Physics is a challenging full-year course that includes traditional concepts integrated with laboratory activities and demonstrations. Students will learn the applications of physical laws and theories. Topics include mechanics, thermodynamics, electricity/magnetism, and sound/light waves. In addition to in-class time, students should expect to spend approximately 4 hours on homework each week.

AP Biology

Prerequisite: Biology

The AP Biology course focuses on enduring, conceptual understanding and the content that supports them. The course focuses on the following four "Big Ideas:" The process of evolution drives the diversity and unity of life; biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis; living system store, retrieve, transmit and respond to information essential to life processes; and biological systems interact, and these systems and their interactions possess complex properties. This approach will enable students to spend less time on factual recall and more time on inquiry-based learning of essential concepts, and will help them develop the reasoning skills necessary to engage in the science practices used throughout their study of AP Biology. To foster this deeper level of learning, the breadth of content coverage in AP Biology is defined in a way that distinguishes content essential to support the enduring understandings from many examples or applications that can overburden the course. Students who take the AP Biology course will also develop advanced inquiry skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. The result will be readiness for the study of advanced topics in subsequent college courses as well as preparedness for the AP Biology exam. This course is equivalent to a two-semester college introductory biology course and has been endorsed enthusiastically by higher education officials.

AP Chemistry

Prerequisite: Chemistry

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, in their first year, second year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses. Students in this course will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course will contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. The AP Chemistry course will provide a laboratory experience equivalent to that of a typical college course. In addition to class time, students should expect to spend approximately 10 hours on homework each week. All students who take this course are expected to attempt the AP exam when offered near the end of the year.

AP Physics 1

Prerequisite: Intermediate *Algebra 2 Honors of Pre Calculus*

AP Physics 1 is an introductory college-level course on algebra-based physics. This course focuses on the basics of motion and forces. This course includes an overview of kinematics (motion), dynamics (forces), circular motion, gravitation, energy, momentum, simple harmonic motion, torque and rotation motions, electrostatics, DC circuits and mechanical waves and sound. While this course does not require regular physics as a prerequisite, it is an AP level course and requires AP level of work. Students will need Intermediate Algebra 2 Honors or Pre Calculus as there is some basic trigonometry in this class. Students are expected to participate in inquiry -based labs where students will be tasked to come up with their own procedures. Students are required to take the AP exam.

AP Physics 2

Prerequisite: Physics or AP Physics 1

AP Physics 2 is a college-level course on algebra-based physics that is a continuation of AP Physics 1. While this course shares the same six "big ideas" as AP Physics 1, this course focuses on some of the more advanced topics within physics that do not require calculus. This course requires either regular physics or AP Physics 1 as a prerequisite, although students should be aware that most universities will not award full college credit without taking both AP Physics 1 and 2. Topics within AP Physics 2 include fluid dynamics, thermodynamics, advanced electrostatics including electric fields, advanced circuits including capacitors, magnetism, geometric and physical optics and quantum physics. Like AP Physics 1, students will be expected to participate in inquiry based labs.

Physical Education

Physical Education 1

This course is required for graduation.

Students will gain knowledge of team sports rules and terminology in such sports as flag football, volleyball, soccer, badminton, and speedball. Students will be involved in circuit training to increase cardiovascular fitness and muscle endurance. Presidential Physical Fitness testing will also be included.

Fitness for Life

This course is required for graduation.

Fitness For Life will enable students to obtain the knowledge and skills necessary to develop and maintain a health-enhancing level of fitness and to increase physical competence, self esteem and the motivation to pursue lifelong physical activity. Students will gain an understanding of the components of health-related fitness, training principles, and the benefits of being physically active. Students will participate in activities that will increase physical fitness levels and develop health practices that value physical activity and its contribution to lifelong fitness.

Health

This course is required for graduation.

The goal of Health Education at the high school level is to help establish patterns of behavior that will assist a person in achieving optimal health. Optimal health is accomplished by having a balance of physical, mental, social, emotional, and spiritual well-being. This course is designed to offer students the opportunity to acquire knowledge, incorporate process and life skills, and to develop positive attitudes about life. Development of a healthy body and healthy mind will assist young people in living active, productive, and successful lives.

Weight Training

Prerequisite: Junior or Senior

Students will gain advanced knowledge in the areas of strength training using free weights to increase muscular strength through a progressive weight training routine. Muscular endurance, cardiovascular fitness, flexibility, and nutrition are field of study also offered int his course. Students will also be required to achieve a level of fitness by performing basic strength, speed, and cardiovascular exercises. At the end of the course, students will be able to design a personal weight training program that they may use after the course is complete.

Yoga

Prerequisite: Junior or Senior

This is a class to develop flexibility, strength, endurance, concentration, and breath control. Physical postures, relaxation techniques, and meditation are taught. History and philosophy of Yoga is included.

Social Science

World Civilizations/ Geography

This course is required for graduation.

In World Civilizations, we study the civilizations and cultures of the ancient world, the Egyptians, Greeks, Chinese, Africans, and Early Americans. We will also cover the major events and individuals of world history from the Italian Renaissance to present day. We extensively study the World Wars of the 20th century and their impact on civilization. In Geography, we cover the main concepts of geographic study: location, place, region, movement, and human interaction.

This course is a required core class for every student, usually taken during the freshman year. One semester of Geography is also required.

AP World Civilizations

Prerequisite: World Civilizations

AP World History is a vigorous course. The primary goal is to attain a high score on the AP exam at the end of the year. In most colleges, a passing score will garner college credit. The course of study include the interactions and growth between human civilizations since 8000 B.C.E. There are extensive reading and writing assignments throughout the year.

United States History

Prerequisite: Junior

U.S. History provides juniors with a review of early United States history as well as more in-depth discovery and learning of modern history and United States politics and government. Students study the complete history of our nation with emphasis on how the history impacts their lives today and how the United States has fit into the world throughout history.

AP United States History

Prerequisite: Junior or Senior & successfully complete application process

Students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. To learn these skills and investigate these themes, the course requires a great deal of reading in three core texts and weekly tests linked to that reading. AP U.S. History is equivalent to a two-semester introductory course in U.S. History.

Government/ Financial Literacy

Prerequisite: Senior

This required year-long course for seniors consists of two distinct semesters. The first semester examines western political theories and comparative world political systems. The first semester provides a basis of comparison for the second, which comprises a study of American national government. Interspersed in each semester are brief consumer economic units.

AP Government

Prerequisite: Senior

According to the AP Central website:

A well-designed AP course in the United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. While there is no single approach that an AP United States Government and Politics course musts follow, students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes.

Our course begins with a grounding in political theory, as we read texts such as Machiavelli's *The Prince* and Thoreau's *Civil Disobedience.* We explore comparative political and economic systems, including capitalism, socialism, communism, and fascism, and how they were embodied in regimes such as the USSR, China, and Nazi Germany. In the second semester we focus exclusively on the U.S. Government, carefully studying the U.S. Constitution, the three branches of government, regulatory agencies, lobbying groups, and other influences on the operation of our system.

Throughout the year we will also study a variety of personal finance issues, such as credit/ debit cards, the stock market, Social Security, and retirement saving vehicles, and taxes.

AP Human Geography

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organizations and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).

AP European History

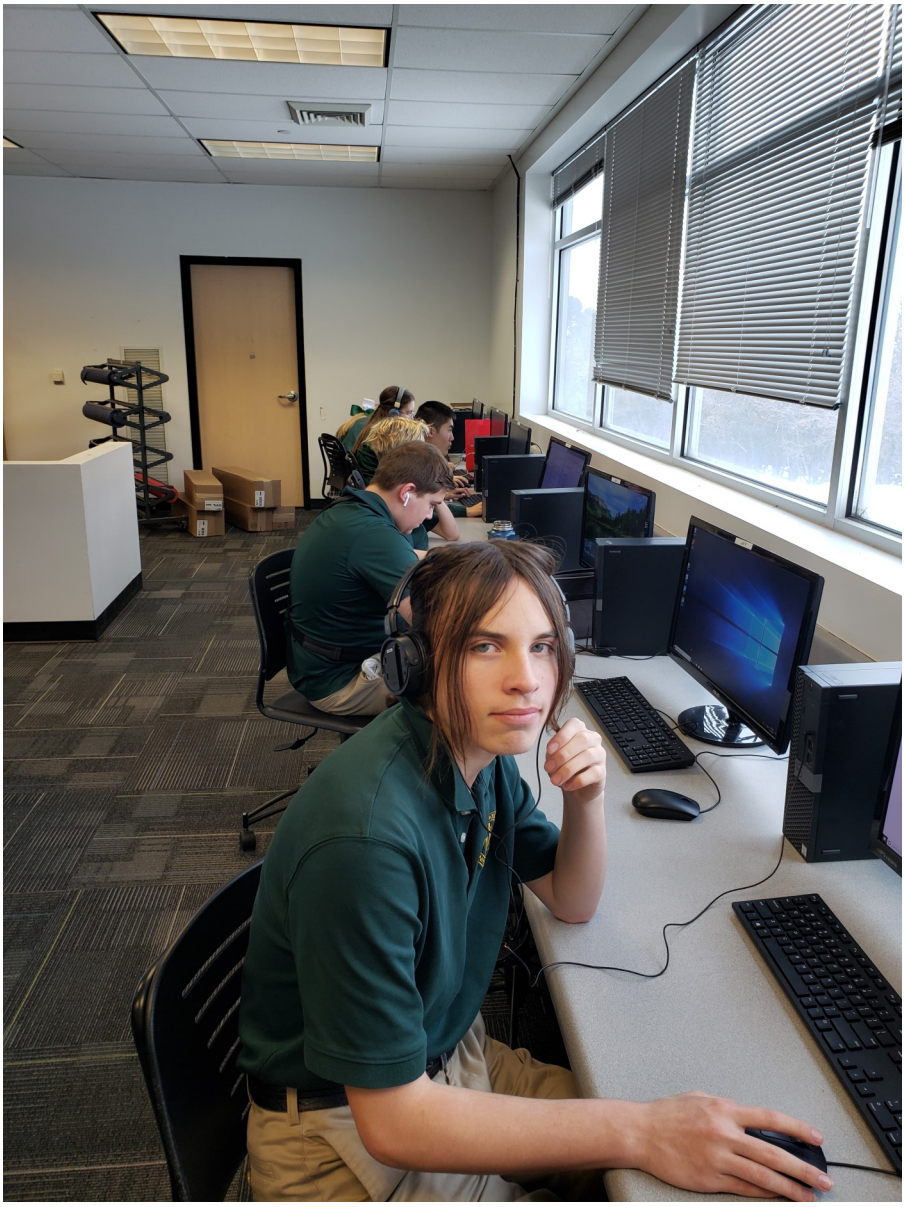
In AP European History, students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students develop and use the same skills practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causations, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations.

Technology

Computer Technology

This course is required for graduation.

This one-semester course is built on the premise that computers are, first and foremost, tools that help students become more productive while improving the quality and intellectual scope of their work. We will focus on developing a working knowledge of computer applications and concepts. Special emphasis is placed on internet research techniques and the legal and ethical use of intellectual property as well as technology. Students will complete short "building block" assignments– primarily using Microsoft Office suite of projects– before working on larger products which build up on the skills learned in the shorter assignments.



Television Production 1

Students will learn basic techniques to successfully edit, produce, direct, and film a newscast. This course will teach students the use of i-Movie and Final Cut. Learning how to operate all kinds of cameras is essential to the class. Students will produce a newscast once or twice per week, depending on the enrollment of the class. Learning to operate the teleprompter, blue screen, video board, sound board, and cameras will be the main objective of this class. Additionally, the students will learn voiceovers, script writing, and announcing.

Television Production 2

Prerequisite: Television Production 1

Students will master the use of Final Cut as an editing tool, techniques for voiceover, and advanced skills for sound. The rotation for work in the school produced newscast will vary depending on the enrollment of the class. Professional projects are assigned to the students and are to be completed in a timely fashion.

Theology

Theology 9: Intro to Metaphysics/ Scripture

Quarter 1: Introduction to Metaphysics

This course is a brief introduction to metaphysics, logic, and philosophy. In order to show that faith is reasonable, and reason itself requires a healthy dose of faith, the course begins by dismantling scientism and materialism and concludes by presenting students with various proofs for God's existence.

Quarters 2-4: Scripture

This course is the study of the person and mission of Jesus Christ as revealed through the Scriptures. In order to properly read and understand the Scriptures, the Old and New Testament must be read together, because St. Augustine writes: "The New is hidden in the Old, and the Old is revealed in the New."

In this course, students will be able to read Scripture typologically, following the example of the Church Fathers and the structure of Christ as Priest, Prophet, and King. Reading Old Testament figures such as Adam, Moses, and Solomon as types of Christ, students will explore the depths of Christ's mission so as to plumb the richness of the Word of God.

After reading Christ as the New Adam, Moses, and Solomon, students will begin to read Mary as the New Eve, Ark of the Covenant, and Queen-Mother, confirming the Scriptural foundations of the Church's Marian doctrines.

Theology 10: Christology/ Ecclesiology

Sem 1: Christology

This course is the study of Christ as fully human and fully divine. Building on the typological foundation of Freshman Scripture, students will begin to read the Gospels in a very "Jewish" way. In doing so, students will be able to argue for the historical veracity of the Gospels, affirm the divinity of Christ, and delve into the Jewish roots of the Eucharist.

Sem 2: Ecclesiology

This course is the study of the Church as both the Bride of Christ and the Mystical Body of Christ. Students will read the Church's relationship with Christ through the eyes of a first-century Jew, and come to understand the Church not as an organization, but a living organism. As such, the Church's mission on Earth will become clear: that of gathering in love what has been separated by sin.

Theology 11: Sacraments/ Moral Theology

Sem 1: Sacraments

This course is the study of grace, particularly that of grace found in the Sacraments of the Church. This study of grace will be approached through the short stories of Flannery O'Connor, providing students with jarring illustrations of moments of grace. As sacraments are visible signs of God's invisible grace, students will learn that the Church's sacraments are not merely symbolic of God's grace, but rather are efficacious in communicating God's grace.

Sem 2: Moral Theology

This course is the study of the "good life." Grounded in Catholic virtue ethics and building on the foundation of grace provided by the Sacraments class, students will explore what the "good life" looks like, and what it means to attain "true happiness." This exploration begins with the questions of what virtue is, how virtue shapes our souls, what the role of grace is in enacting and sustaining virtue, and what true happiness looks like.

Theology 12: Electives

Sem 1: Catholic Moral, Social, and Political Theology

This elective is the implementation of Catholic moral theology in the social and political sphere. This course takes students beyond "forming consciences for faithful citizenship" to address the Church's fundamental understanding of the human person and the Church's view on the role of government in effecting virtue in the public sphere.

Sem 2: Theology of Beauty: Religious Themes in Art and Literature

This elective is the pursuit of wonder found only in the love of Beauty, ever ancient, ever new. Heeding Chesterton's warning that "the world will never starve for a want of wonders, but only for a want of wonder," and Dostoevsky's prescription that "Beauty will save the world," this course seeks to feed students' wonder by participating in the salvation of the world. Anything from literature and film to music and the visual arts, this course seeks out the true, the good, and the beautiful found in the culture around us.

Visual Arts

Art 1

This is a hands-on course with units of study in basic design, Papier Mache mask-making, technical drawing, ceramics (hand-building, wheel throwing, and slip molds), and basic drawing skills. Other optional projects may be explored or assigned if time permits.

Studio Art

Prerequisite: Art 1

This is a hands-on course with units in pen and ink, watercolors, acrylics, and oils. Students will complete assigned work in techniques and processes with each of the materials. The course also includes crafts materials and projects. Some of the processes included are tile mosaics, textiles (knitting , basketry, weaving, and quilting), wood working (basic furniture building and wooden sign design), and beadwork. Some projects may be completed for service, gifts, or fund raising.

Advanced Studio Art

Prerequisite: Studio Art

Advanced Studio students are self-directing in choosing materials and projects. "Artists to Know" are assigned on a regular basis– with students expected to research the artist or styles, create an inspirational piece of work from each and take a written and identification test. Critiques of work are held at mid-term and quarter ends.

AP Studio Art

Drawing, 2-D Design, 3-D Design

Prerequisite: Department Approval

This is for students who plan to submit a portfolio in the spring to the AP College Board. Individual study and work is done to complete their concentration, with assignments given to help complete the breadth section. Group critiques are held about every 4 weeks to review work done, according to quality and quantity. Some work over the summer is expected. It may take two years to complete the portfolio.

3-Dimentional Design

Prerequisite: Art 1

This is a hands-on course in which problems in depth, space, mass, volume, form, and proportion are explored. A variety of materials are used such as woods, fibers, wire, tiles, Papier Mache, clay and found objects. A community service project may also be included. This course may not be offered every year.

Art History

Prerequisite: Sophomore - Senior

This course involves the study of Art and Architecture from Pre-Historic time to present, and includes cultures from around the world along with the Western civilizations. An appreciation and knowledge of different styles and major artists is the primary goal of the class. Art and Architecture are analyzed in their historical, social, political and cultural contexts. There are 18 chapters, with tests about every two weeks.

AP Art History

Prerequisite: Sophomore - Senior

Students meet with the regular Art History class, but begin to explore in greater detail the art and architecture of the world. The 250 slides on A.P. web site should be studied. Also, Barron's A.P. Art History Study Guide and Art History textbooks can be reviewed for greater knowledge. Students prepare to take the A.P. test in May.

Humanities

Prerequisite: Junior or Senior

This year-long elective course takes an inter-disciplinary approach to explore major themes in western culture from roughly 1600 to 1945. Numerous examples of art, music, dance, philosophy, science, history, and literature are offered to illustrate their ties. In addition to deepening their writing skills, students are also introduced to close "reading" or the aural, literary, and visual works.

Other Electives

Aide

Prerequisite: Junior or Senior

Students registering as an Aide will be available to help faculty and staff with various tasks. Placements are made based on student strengths and staff requests. Aide placements are not guaranteed.

Band

This band class is for students who already play an instrument.

Students need not play a brass instrument, woodwind, violin, cello, guitar, drums, piano, or bass to join us. Neither do they need to be proficient in reading music. The styles performed will vary from Jazz to Blues, Rock, Classic Rock, Pop, or Reggae depending on the instrumentalists available. Among other topics, students will be taught how to improvise using several scales, emphasizing the Blues and pentatonic scale.

Campus Ministry

The purpose of this course is to foster spirituality on campus. Students can do this in largely three ways:

1. Helping with the sacraments
2. Planning retreats and service
3. Leading exemplary lives
4. Students will be asked to help with the logistical and liturgical mechanisms of monthly Masses as well as confessions, contribute to the planning of retreats and service programs both spiritually and logistically, and live as people deeply in tune with their own spirituality. Students who are not Catholic are more than welcome, but students must have an understanding and openness to Catholicism in terms of respect for Catholic Liturgy, Gospel Values, and Social Justice.

The goals of this course is to empower students to be disciples of Jesus Christ in the world today, to draw students into responsible participation in the life, mission, and work of the Catholic Faith community, and to foster the total personal growth of each young person. Campus Ministry fosters the faith development of young people and the entire school community through effective religious education and a variety of programs and activities, such as service projects, retreats, prayer services, liturgies, spiritual formation programs, and leadership training.

Choir

Students will learn all kinds of choral music including Broadway, Rock, Pop, Jazz, and Sacred, among others. There will be opportunity to sing with the band at concerts. Class is offered Monday and Wednesday morning before school, beginning at 7:00 am and is worth 0.5 credits.

Dance

An overview of major dance genres.

Debate

This course aims to develop the student's analytical and argumentative skills. By laying a firm foundation in the mechanics of logic, the student will learn to properly extract and analyze arguments. In understanding the study of this argumentative communication. This course will then turn its focus to the art of debate. By implementing their knowledge of logic and argument structure the students will grow in confidence and ability within the field of debate.

Gender Studies

Prerequisite: Junior or Senior

The primary goal of this class is to examine the development and current status of men and women's roles in contemporary American society. We will explore the links between gender and topics as diverse as: religion, fairy tales, sexual harassment, history, theory, language and communication, sports, images of beauty, schools, and media. This class is about celebration more than lament. We are trying to heighten awareness of gender and how it affects nearly every aspect of our lives, effects we often either ignore or miss at our peril.

Guitar

The first semester will concentrate on learning all open chords, barred chords, and power chords. This is accomplished by learning music from the 50's to the present. Students are strongly encouraged to find and learn their own songs. Students will learn to compose songs and improvise.

The second semester will concentrate on Jazz chords and continue with improvisation and other genres.

Independent Study

Students looking for something a little different in the way of learning should consider this class. There are a variety of subjects that they could check off as requirements during their high school experience. This class will be more hands-on and allow them the flexibility to learn material through technology at your disposal. Students must be self-motivated and enrolled in an online course with an outside source. See the registrar for your options.

Journalism

Prerequisite: Submitted application and acceptance

Colleges love student publications experience! It demonstrates involvement, commitment, creativity, respon-

sibility, discipline...and, of course, talent! Students can make their college application shine by helping us design and produce *The Artisan,* THE source of high school memories for generations of Jayhawks.

Along the way, they will learn fundamentals of graphic design, photography, typography, interviewing, proofing, and reporting/copywriting. It's fun, too! Remember: On the last day of school, all eyes are on one thing– *your* yearbook!

Leadership 1

Required by all Student Body Officers

The Leadership and Collaboration course explores roles, responsibilities, and leadership styles by putting you in the driver's seat of a small, poorly run non-profit. You will learn the basics of leadership, decision-making, collaboration, and culture building, and apply that knowledge to make their non-profit a success. In doing so, you will also begin to define your own leadership style.

Psychology

Prerequisite: Sophomore, Junior, or Senior

This course focuses on the study of human behavior. As an introduction to the field of psychology, this course includes consideration of psychological principles, terminology, major theories, careers, methods of experimentation, and practical applications. Special topics include personality development, problem-solving, group dynamics, and motivation.

Self-Enrichment

Prerequisite: Sophomore, Junior, or Senior

This is designed to give academically motivated students the opportunity to begin assigned homework, research information for projects or assignments, make up missed tests or quizzes and otherwise continue their academic progress towards graduation. This is also an opportunity for students to pursue interests outside of SJCHS. Students must be engaging in an academic interest or participating in an approved athletic activity. Students must have a counselor approval to take this elective. It will be scheduled into the student's open period and is graded as pass/fail. If this time is not being utilized for its intended purpose, the student will be assigned to an academic course. Students cannot have both an Aide period and a Self-Enrichment period.

Theatre Arts

Drama introduces students to the many varied arts of theatre, including plays, movement, characterization, memorization, improvisation, as well as a brief glimpse at technical theatre and history. This class is designed to stimulate creativity, confidence, and self-awareness.

Assignments and activities are designed to enhance acting techniques in an attempt to improve stage performances. Students learn terminology as well as different methods of training for the stage. In addition, some students will have the opportunity to prepare scenes and monologues for region and State drama competitions.

Theatre Technology

An introductory course in technical theatre, this class teaches students skills and techniques for producing stage performances. The class offers the unique experience of working in a black-box theater. Topics will include set construction, lighting, sound, costume, properties, and make-up. Students will also have the opportunity to operate stage equipment as they assist in the staging and lighting of school productions, assemblies, and Mass.

Creative Writing

Prerequisite: Junior or Senior

Creative Writing provides opportunities for students to refine their creative writing skills and abilities beyond those developed in the required English courses. This course encourages students to see creative writing as a unique way of thinking, and as a means of constructing and conveying meaning. Students in the Creative Writing course are encouraged to explore and develop their own ideas. They are also encouraged to explore many different ways of conveying meaning through writing, and to explore how methods and styles vary within cultures and time periods. Through experiences in creative writing, students are encouraged to explore connections between their own writing, the writing of others, and the broader world around them. Semester one will primarily be focused on creative writing, whereas semester two will be focused on creative poetry writing and nonfiction writing.