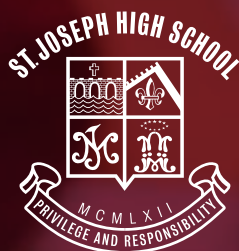




Seek. Strive. Serve. Thrive.
2024-2025 Program of Studies



VISION

St. Joseph High School strives to be the premier college preparatory school in Southern Connecticut. The school provides a learning environment that embraces the Gospel values of the Roman Catholic faith and promotes a commitment to family and community. The school prepares our young women and young men to realize their potential, helps them excel in higher education, and provides a foundation to guide them throughout their lives.

VALUES

To support our vision, St. Joseph High School will provide an environment where the faculty, Administration, support organizations, and students, by example and program, actively promote:

- Roman Catholic teaching and values (faith, morals, ethics, and responsibility)
- Family values
- Community responsibility
- Respect and diversity
- Educated and creative thinkers who exhibit superior intellectual and communication skills
- Passion for learning and teaching in a safe and secure environment
- A strong, holistic foundation to enable all students to enter and succeed in competitive higher learning institutions
- A strong program for social and physical development in an atmosphere of healthy competition

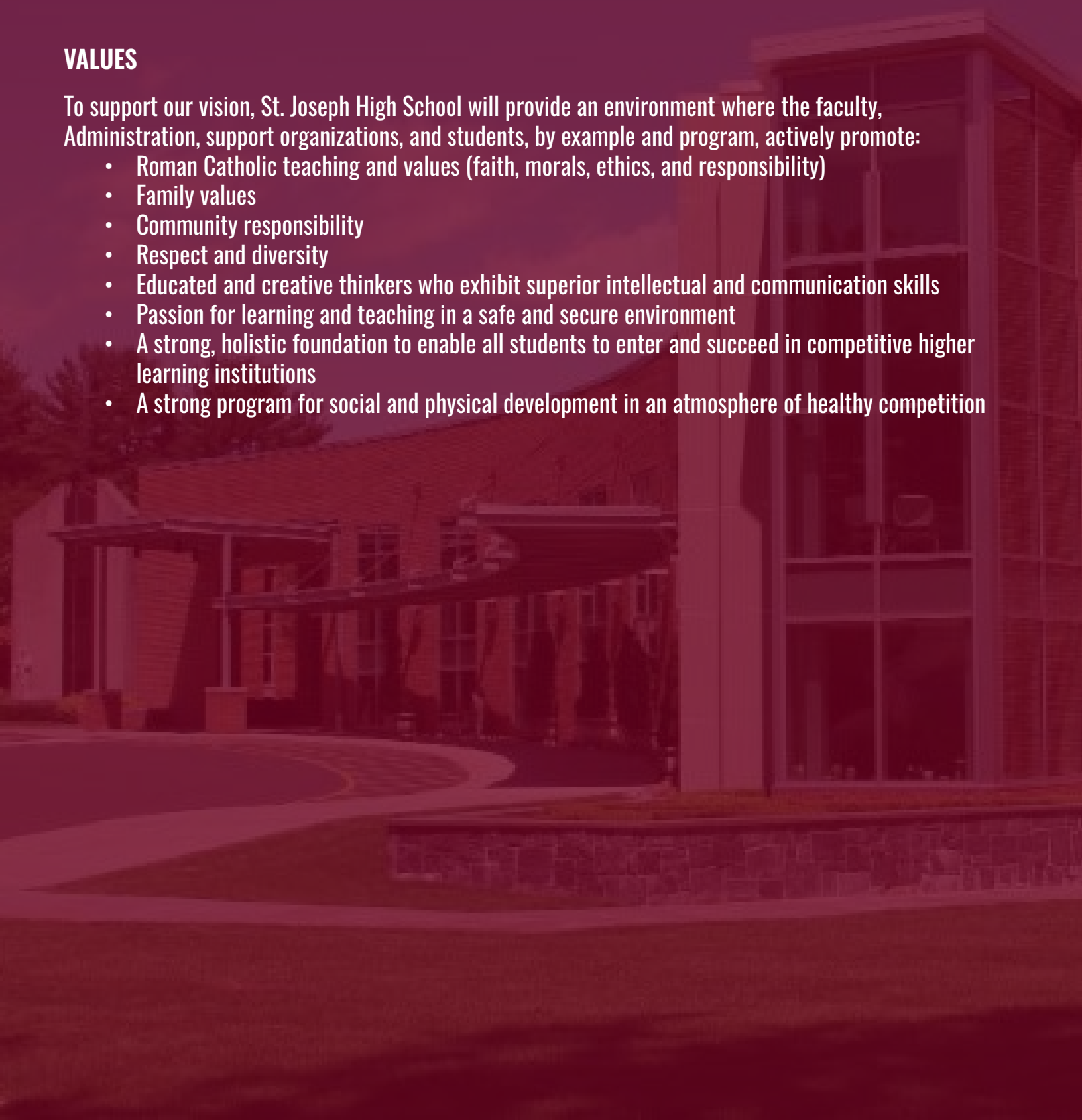




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ACADEMIC STAFF DIRECTORY

Mrs. Nancy DiBuono	Principal	ndibuono@sjcadets.org	x 301
Mr. Brian Gavin	Assistant Principal for Curriculum & Instruction	bgavin@sjcadets.org	x 301
Ms. Stacey Nasser	Registrar	snasser@sjcadets.org	x 302

Department Chairpersons

Mr. Tom Forde	English	tforde@sjcadets.org	x 301
Mrs. Kathleen Cardillo	Fine Arts	kcardillo@sjcadets.org	x 222
Mrs. Robin Berry	Mathematics/Business	rberry@sjcadets.org	x 248
Mr. Lucas Fatsy	Science	lfatsy@sjcadets.org	x 243
Mr. Jeff Tyrell	Social Studies	jtyrell@sjcadets.org	x 229
Ms. Meghan Piatak	Theology	mpiatak@sjcadets.org	x 212
Mrs. Jacqueline Carvalho-Sullivan	World Language	jcsullivan@sjcadets.org	x 244

College & School Counseling

Mr. Terence Houlihan	Director	thoulihan@sjcadets.org	x 317
Mrs. Megan Baird	Associate Director	mbaird@sjcadets.org	x 318
Ms. Cristin Clark	9th Grade Counselor	cclark@sjcadets.org	x 355
Ms. Stephanie Cavanna	Counselor	scavanna@sjcadets.org	x 314
Mrs. Jennifer Fallon	9th Grade Counselor	jfallon@sjcadets.org	x 347
Mr. Jack Nogueira	Counselor	jnogueira@sjcadets.org	x 315
Ms. Laura Schiels	9th Grade Counselor	lschiels@sjcadets.org	x 304
Ms. Deirdre Ekholdt, LCSW	Social Worker	dekholdt@sjcadets.org	x 457

College-Credit Course Coordinators

Ms. Stacey Nasser	Sacred Heart University <ul style="list-style-type: none"> • World Religions • Faith & Reason University of Connecticut/ECE <ul style="list-style-type: none"> • AP Statistics (4 credits) • US History (Honors) • International Relations • AP Calculus BC (8 credits) 	snasser@sjcadets.org	x 302
Mrs. Colleen Piatak	University of Iowa <ul style="list-style-type: none"> • Exploring Entrepreneurship 	cpiatlak@sjcadets.org	x 223



ACADEMIC CREDIT REQUIREMENTS

Each student must meet the base requirements for graduation which include:

- English: 4 credits, 1 credit per year
- Mathematics: 4 credits, 1 credit per year
- Theology: 4 credits, 1 credit per year
- Social Studies: 3.5 credits (including Civics)
- Science: 3 credits
- World Language: 2 credits of the same language
 - College recommending: 3.0 credits
- General Electives: 3.5 credits
- Grade 9 and 10 Required Electives: 2.0 credits
 - Grade 9 electives: Either Choir, Band or Art, or Theater and IDEA
 - Grade 10 electives: Either Choir, Band, or a full credit comprised of Art, Theater, Technology & Innovation or Business ***Class of 2027 must complete Fine Arts credit in order to graduate***

Total Credits for Graduation: 26

Core Curriculum may be required in each discipline. These credit requirements meet the recommended minimum credit requirements for students applying to most liberal arts college programs. Other academic programs, for example engineering or nursing, may have additional credit requirements. Before selecting courses, students should check college admission requirements for various programs and factor this into their consultation with their College & School Counselor.

Transfer Students

Transfer students are placed accordingly as determined by the St. Joseph High School curriculum and requirements for graduation. In some cases, transfer students may be required to take classes with a different grade level. Transfer student credit requirements will be determined on a case-by-case basis during the admission process. To earn their diploma, transfer students must meet the following requirements:

- British Literature: 1 credit
- U.S. History: 1 credit
- Civics (.5 credit) or AP US Government & Politics (1 credit)
- Algebra 2 (or equivalent): 1 credit
- Science: 3 credits, including 1 credit in a biological science (Biology or Anatomy) and 1 credit in a physical science (Chemistry or Physics)
- World Language: 2 credits of the same language

Minimum Credit Enrollment

- Students must maintain a minimum credit enrollment per academic year to ensure successful completion of requirements.
- Students in Grade 9 and 10 must maintain 7 credits per academic year.
- Students in Grades 11 and 12 must maintain 6 credits per academic year.
- Any variation to this credit requirement must be approved by the Assistant Principal for Curriculum and Instruction.

Overage Credit Enrollment

Juniors and seniors may elect to take a credit overage of 0.5 – 1 credit in place of their study hall. The Registrar will announce which classes are eligible for overage each year. In order to be considered, students must demonstrate high academic achievement, obtain permission from their parent/guardian, and receive a recommendation from their Counselor. All overages are approved by the Assistant Principal for Curriculum and Instruction.

Please Note: taking an overage of credits, though attractive to college admissions, does not allow for early graduation from St. Joseph High School.



ACADEMIC LEVELS

St. Joseph High School offers a selection of challenging academic levels to meet the needs and goals of all students. Academic placement is determined by the Assistant Principal of Curriculum and Instruction in conjunction with Department Chairs, a student's middle school test scores/grades. Placement also takes into consideration the demonstrated academic ability that meets all course prerequisites and is individualized to highlight student interest as well as academic achievement.

Advanced Placement (AP):

- AP courses are college-level courses taught according to the College Board Advanced Placement program curriculum. AP courses require an exceptional quality of work and requires the approval of the Department Chair and/or College Counselor. All students enrolled in an AP course may elect to take the AP exam in May.
- Students in an Advanced Placement-level course of study are expected to maintain a high level of academic achievement consistent with the rigor of a college-level course. Students must maintain an average of 80 to remain in an advanced placement course of study.

College Level (CL):

- CL courses are college-level courses which give students the opportunity to earn college credits. CL courses are offered through UConn, Sacred Heart University, and the University of Iowa. CL courses require an exceptional quality of work and require the approval of the Department Chair and/or College Counselor. Students must maintain an average of 80 to remain in a College Level (ECE) course of study.

Honors (H):

- Honors courses require superior quality work, successful completion of a challenging workload, and academic achievement. Honors placement requires the approval of the Department Chair and/or College Counselor.
- Students who are placed in an Honors course are expected to maintain a high level of academic achievement consistent with the rigor of an Honors placement. Students must maintain an average of 80 to remain in an Honors course of study.

College Prep/College Prep 2 (CP/CP2):

- CP placement require quality work, successful completion of assigned workload, and academic achievement. The majority of students are placed in CP or CP2 courses.
- Students who are placed in college prep have the opportunity to advance to a higher level course (when prerequisites and approvals are met) at the completion of the school year.



COURSE WEIGHTING

COURSE WEIGHTING

Student grades are reported as raw scores on all transcripts and report cards. Students who are enrolled in Advanced Placement, College-level, or Honors courses receive a multiplier towards their adjusted (weighted) grade point average.

Students must earn a 65 or higher to receive the multiplier. The Registrar's Office updates each student's grade point average each semester to reflect the multiplier.

The multipliers are as follows:

- | | |
|---|------|
| • Advanced Placement/College-Level(ECE) | 1.10 |
| • Honors/Honors 1 | 1.07 |
| • College Prep | 1.00 |
-

HONOR ROLL

The following honor roll designations are awarded at the end of each academic quarter:

- President's Honor Roll: a weighted cumulative average of 95 with no grade less than a 90.
- Principal's Honor Roll: a weighted cumulative average of 88 with no grade less than 80.



The Senior Internship Program is an opportunity for students to enhance their learning by exploring their career interests outside of the traditional classroom. The goal of the program is for students to gain experience in their desired fields and obtain a favorable referral or recommendation from their internship supervisor that will assist in procuring future career opportunities. ***Program will be offered in the 2025-26 school year***

Program Details:

- Students will participate in a three week, unpaid internship taking place during the last few weeks of the academic year. Dates are announced at the start of each academic year for student planning purposes.
- Internships will consist of 20-25 hours per week according to the schedule determined by the site supervisor and the student. Schedules must be approved by faculty mentors.
- Students will be matched with available internships in their skill and interest areas.
 - Sites may request to interview students during the selection process.
 - Students may also self-design their own internship and apply for approval.
- Students will work with a faculty mentor in addition to their site supervisor during the internship to track progress. Students must submit a one page reflection paper and an activity log to their assigned faculty mentor each week.
- Students will receive 0.25 credits on their final transcript upon completion of the internship.
- Students will complete a final reflection project to present at the end of May.



Curriculum Sequence

This is the typical curriculum sequence for a four-year program of study. As course placement is highly individualized, not all students will adhere this sequence and may see a variation in course planning as a result.

SUBJECT	GRADE 09	GRADE 10	GRADE 11	GRADE 12
ENGLISH 4.0 required credits (5.0 if CP2)	Freshmen English Academic Writing & Language Skills	Sophomore English	Junior English Gothic Literature Dystopian Literature Shakespeare/Poetry AP English Language & Composition	Sports Lit/Science Fiction Irish Lit/Film & Lit Controversial Literature & War/Short Story Creative Writing /Graphic Novel Women in Lit/Multicultural Lit AP English Literature & Comp. Professional Writing
				Media Production, Using Social Media
MATHEMATICS 4.0 required credits	Algebra 1 Geometry Algebra 2	Geometry Algebra 2 Precalculus	Algebra 2 Precalculus Calculus AP Calculus AB AP Precalculus AP Statistics	Precalculus Calculus Statistics AP Calculus AB AP Calculus BC AP Precalculus AP Statistics
				Environmental Science
SCIENCE 3.0 required credits	Biology	Chemistry Biology Modern Chemistry	ECE Biology, Chemistry, Modern Chemistry, AP Chemistry, Physics, Advanced Physics, ECE Physics, Biotechnology, Sports Medicine, Human Anatomy, AP Environmental Science, Forensic Science	
			Environmental Science	
SOCIAL STUDIES 3.5 required credits	World History	Modern World History AP European History	ECE US History AP US History	Civics AP US Government & Politics
			Intro to Psychology, Intro to Economics, AP Economics, AP Psychology, ECE International Relations, Contemporary Political Philosophy	
			Law & Criminal Justice System	
THEOLOGY 4.0 required credits	Intro to Catholicism / Old Testament	New Testament / Christology	Catholic Social Teaching Morality	Bioethics Faith & Reason Intro to World Religions Peer Ministry Prayer/Spirituality Vocations World Religions
				Introduction to Philosophy



Curriculum Sequence

SUBJECT	GRADE 09	GRADE 10	GRADE 11	GRADE 12
WORLD LANGUAGE 2.0 required credits (3.0 college recommending)	Mandarin 1, 2, 3, 4 French 1, 2 Spanish 1, 2 Italian 1, 2	Mandarin 1, 2, 3, 4 French 1, 2, 3, 4 Spanish 1, 2, 3 Italian 1, 2, 3	Mandarin 1, 2, 3, 4 French 1, 2, 3, 4 Spanish 1, 2, 3, 4, AP Italian 1, 2, 3, 4	Mandarin 1, 2, 3, 4 French 1, 2, 3, 4, AP Spanish 1, 2, 3, 4, AP Italian 1, 2, 3, 4
BUSINESS*		International Business, Graphic Design, Principles of Business, Sport Management		
		Accounting, Financial Literacy, Marketing		
		Entrepreneurship		
FINE ARTS*	Instrumental Music Concert Choir Percussion Ensemble Fundamentals of Art	Fundamentals of Art	AP Art & Design	
		Studio Art, Sculpture & 3D Design, Instrumental Music, Percussion Ensemble, Advanced Percussion Ensemble, Concert Choir, Advanced Instrumental Ensemble, Advanced Chamber Choir, Fundamentals of Theatre, Art of Acting, Graphic Design		
		Media Production, Using Social Media		
TECHNOLOGY & INNOVATION	IDEA: Innovation, Design, and Engineering Applications	Robotics & Automated Systems - Build & App Development, Innovative Project Design, Topics in Computing Applications, AI, and Ethics		
		Software Design & Integration, Aviation & Flight Science, Cybersecurity, Tech Project, Robotics & Automated Systems - 3D Model, Print, Code		
		Technology & Innovation Capstone Project		

*Required credits for Business, Fine Arts, and Technology & Innovation vary based on student selection.



The Business and Entrepreneurship curriculum focuses on developing real-world business acumen, entrepreneurial readiness, and innovative skills. Students learn about marketing, finance, management and entrepreneurship through introductory business courses, attendance at multiple business and entrepreneurial events, and participation in the St. Joseph High School DECA chapter. Students also have the opportunity to complete traditional introductory and advanced coursework in economics.

Accounting (CP)

BUS – ACC 410 (Grades 11, 12)

0.50 Credit

This course focuses on the basic principles of accounting, including the accounting cycle as it applies to a sole proprietorship, by teaching the principles of accounting and the financial operations of a business. Emphasis is placed on the accounting cycle including the recording process, determining income, analyzing, and communicating financial information.

** Note: Senior students may choose to take Financial Literacy & Accounting in order to fulfill their required senior-year math credit.*

Financial Literacy (CP)

BUS – FIN LIT 410 (Grades 11, 12)

0.50 Credit

This course emphasizes the knowledge and skills required to handle personal finances. Topics include budget analysis, banking, insurance, credit, taxes, real estate, and investments. Students work with the online simulation that incorporates real-world money management skills including paying bills, managing expenses, saving money, and investing in retirement. Students learn the fundamentals of managing financial resources to achieve financial wellbeing. ** Note: Senior students may choose to take Financial Literacy & Accounting in order to fulfill their required senior-year math credit.*

Introduction to Marketing (CP)

BUS – MKTG 310 (Grades 11, 12)

0.50 Credit

This course studies the scope and significance of marketing in the American business world with an emphasis on marketing consumer goods. Topics include the development of the marketing mix, marketing-information management, product/service management, and sales.

Introduction to Graphic Design (CP)

BUS – GRPH DSGN 310 (Grades 10, 11, 12)

0.50 Credit

This course is for students who want to learn graphic design using Adobe CC Suite software and Canva. While exploring visual aesthetics, such as the elements and principles of design, students will practice retouching, digital collaging, and design through individual projects. ** This course satisfies both a Business and Fine Arts credit.*



Exploring Entrepreneurship (CL)

Fall Semester Only

BUS – ENTREPR 500 (Grade 12)

0.50 Credit

Develop the “entrepreneurial mindset” by encouraging creativity, innovation, critical thinking, and problem-solving. Through a research-driven approach, as well as strategic collaborations, students explore an entrepreneurial culture which enhances economic development. This course will include idea generation, market research, marketing, feasibility and risk assessment, customer service and financial projections. Students can register to earn 3 college credits from the University of Iowa. *Prerequisites: 85 overall average and approval from the department chair. Students can register to earn 3 college credits from the University of Iowa.*

International Business (CP)

BUS – INTL BUS 310 (Grades 10, 11, 12)

0.50 credit

This course exposes students to the unique challenges facing international firms and to the potential opportunities and markets that are lost to firms that choose not to operate in the global market. International Business broadens student understanding of how businesses operate, grow, and thrive in the ever-changing world.

Principles of Business (CP)

BUS – BUS PRINC 310 (Grades 10, 11, 12)

0.50 Credit

A broad-based introductory course designed to give the student exploratory experiences as they relate to the world of business. Students will explore all aspects of business through problem solving, social responsibility, critical thinking, and the development of projects and activities.

Introduction to Sport Management (CP)

BUS – SPORT MANAG 210 (Grades 10, 11, 12)

0.50 Credit

This course explores the sports industry and introduces classic business and management concepts as they apply in this setting. Students are exposed to planning, organizing, leading, and controlling strategies and skills with special emphasis on how they are applied in an organization operating within the demanding context of modern sports industry. Focuses include managing sporting events, sport marketing, sport in society and sport law.



The English Department presents students with a challenging curriculum that focuses on reading, writing, and critical thinking skills. The curriculum provides a four-year literature-based program that develops excellence in writing and speaking skills, critical analysis of challenging literature and original texts, as well as the growth of vocabulary and grammar skills. 21st century technology promotes media literacy and develops students who are prepared to meet their future academic and career goals in an ever-changing technological world.

Freshmen English (CP, CP2, H)

ENG WL & C 110, 101, 150 (Grade 9)

1.0 Credit

This literature, project, and activity-based course introduces students to the rich complexity of World Literature and varied literary genres such as poetry, novels, drama, the epic, and the short story, focusing on the basics in reading, oral, and written communication. Novels include, but are not limited to canonical texts, such as *Animal Farm*, and more contemporary texts, such as *The Boy in the Striped Pajamas* and *The Curious Incident of the Dog in the Night Time*. Students study grammar and vocabulary and apply this knowledge in developing skills in process analysis, compare and contrast, descriptive essays, and oral presentations. *Honors Prerequisite: 95 overall average on middle school transcript.*

Academic Writing and Language Skills (CP2)

ENG – AW 101 (Grade 9)

1.0 Credit

This course offers fundamentals in grammar and writing that complements and is offered in conjunction with Freshmen English 106 CP2. Designed for students who need strengthening in grammar, vocabulary, and study skills, the class also focuses on in-class reading assignments and writing prompts. *Students enrolled in this course do not take a world language during their freshman year.*

Sophomore English (CP, CP2, H)

ENG – AMER LIT 210, 201, 250 (Grade 10)

1.0 Credit

This course explores, but is not limited to the unique heritage of American Literature, taking students on a journey through the literary genres and stylistic movements from the 1600's to present day that make up the rich and varied American literary canon, from *The Narrative of the Life of Frederick Douglass* to modern texts, such as *The Secret Life of Bees*. Through an examination of major writers, students continue to develop reading comprehension, vocabulary, grammar, literary interpretation, and critical thinking skills. Students continue to develop their writing skills with narrative essays, precis, definition, and literary analysis essays, as well as oral presentations. *Honors Prerequisite: 95 overall average in English.*

Junior English (CP, CP2, H)

ENG – BRIT LIT 310, 301, 350 (Grade 11)

1.0 Credit

This course offers an introduction to the major literary movements and writers of Europe - Great Britain in particular - beginning in the Anglo-Saxon period followed by Medieval, Renaissance, Elizabethan, Restoration, and Modern 20th Century eras. Through an examination of major writers, students continue to develop reading comprehension, vocabulary, grammar, literary interpretation, and critical thinking skills. Students are expected to apply this knowledge in analytical, expository, creative, division, classification, synthesis, and research writing as well as in oral presentations. *Honors Prerequisite: 95 overall average in English.*

Junior English – Gothic Literature (CP, H)

ENG – BRIT/GOTH LIT 311, 351 (Grade 11)

1.0 Credit

This course will include the reading, discussion, and research of Gothic Literature; primarily that of 19th Century American, Romantic, and Victorian era British authors. It will include conventions of the genre and examinations of the social and historical issues writers used to expose and critique. Authors will include Washington Irving, Edgar Allan Poe, Nathaniel Hawthorne, Edith Wharton, Robert Browning, Samuel Taylor Coleridge, and Mary Shelley. Analyses will focus on issues of race, gender, class, and religion, and will examine themes dealing with imagination, marginalization, and social justice. *Honors Prerequisite: 95 overall average in English.*

Junior English – Dystopian Literature (CP, H)

ENG – BRIT/DYST LIT 312, 352 (Grade 11)

1.0 Credit

This course will include the reading, discussion, and research of dystopian literature, including the work of George Orwell, Aldous Huxley, Margaret Atwood, and others. Students will explore the social and political choices individuals and societies make that create nightmarish scenarios and examine the ways fictional and real societies dehumanize people. It will include small and large group discussion, analysis and synthesis, formal literary writing, and oral presentations. *Honors Prerequisites: 95 overall average in English.*

Junior English – Shakespeare/Poetry (CP, H)

ENG - BRIT/SHAKE LIT (Grade 11)

1.0 Credit

This course will include the reading, discussion, and research, primarily of the work of William Shakespeare and various other poets. Students will become familiar with several major plays and investigate their historical significance, as well as their continued relevance and thematic universality. Students will explore the poem as a form of art, and become familiar with various forms of poetry from different periods, learning various methods of reading poetry and analysis of poets and poems. *Honors Prerequisites: 95 overall average in English.*



AP English Language and Composition

ENG - ENG L&C 380 (Grade 11)

1.0 credit

AP English Language and Composition mirrors a college-level rhetoric and writing curriculum. The focus is on evidence-based analytic and argumentative essays. Students will be required to evaluate, synthesize, and cite research to support their arguments. Students also read and analyze rhetorical elements in non-fiction texts from a cross section of time periods. Students will have the option to take the AP exam which will be administered in May. Pre-course summer assignments are required. *AP Prerequisites: 95 overall average in English, two teacher recommendations, and a writing sample for the AP Instructor to review.*



AP English Literature and Composition

ENG - ENG LIT 480 (Grade 12)

1.0 Credit

AP English Literature and Composition mirrors an introductory college-level literary analysis course. This course focuses on close reading and critical analysis of works of literary merit from the 17th century to modern day, including units on short fiction, poetry, and long fiction, and drama. Students learn to dissect a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Students will have the option to take the AP exam which will be administered in May. Pre-course summer assignments are required. *AP Prerequisites: Two teacher recommendations, and a writing sample for the AP Instructor to review.*

Senior English: Creative Writing / Graphic Novel (CP)

ENG - SEN ENG CW/GN 411 (Grade 12)

1.0 Credit

During the first semester, Graphic Novel, students will study graphic narrative: the combination of images and text to convey meaning. This storytelling medium will be explored for its cultural significance, the influence of digital technology on the design, distribution and consumption of graphic novels, and the thematic links that speak to issues of cultural memory, nostalgia, and identity. The second semester, Creative Writing, course teaches students the elements of creative writing, including short story, poetry, expository essay, and character study through weekly writing assignments, peer editing, and story conferencing.

Senior English: Women in Literature/Multicultural Literature (H)

ENG - SEN ENG WMN/MULTICULT LIT 452 (Grade 12)

1.0 Credit

Historically, women have been marginalized in terms of human and political rights. This course begins with a consideration of the historical events for this marginalization and the literature and art of women in response to it. This course introduces students to female authors of fiction, non-fiction, poetry, and critical theory from around the world. The second half of this course provides an introduction to the academic study of the multicultural genre through poetry, fiction, non-fiction, plays, and music to gain an understanding of the historical and social development of writers of different ethnic, cultural, and racial backgrounds. *Honors Prerequisites: 95 overall average in English.*

Senior English: Irish Literature/Film and Literature (H)

ENG - SEN ENG IRISH 451 (Grade 12)

1.0 Credit

The first semester offers a broad introduction to the study of Irish literature, history, and culture. Students will gain a grounding in Irish storytelling since the early Christian period (including through music and song), the history of the conquest of Ireland and Irish independence movements, the role of the Irish language in culture, the famine and its social and political aftermath, the history of religious difference, the relationship between Britain and Ireland, the work of major literary figures such as Swift, Joyce, Yeats, Beckett, and Heaney, contemporary Ireland, and the Irish economy. The second semester, Film and Literature, is a comparative study of films and the literary sources upon which they are based. Special attention is given to the practical and theoretical problems of adapting literature to film and the basic differences between the two. The course explores how character development, plot, narrative, symbols, and language are translated from literary texts to film, and considers the limitations of film adaptation. Students read, analyze, and respond critically to literature and films in class discussions, examinations, and essays. *Honors Prerequisite: 95 overall average in English.*

Senior English: Professional Writing

ENG - PROF WRIT 410 (Grade 12)

0.5 Credit

This course will prepare students to conduct themselves in a professional setting, including college, internships, and job interviews. Students will research, discuss, and practice professional writing, speaking, presenting, and professional decorum. Areas of concentration include professional writing skills, including all forms of professional written material, both print and electronic. Students will practice their speaking, presenting, and interview skills through research, study and practical application. Writing assignments will include how to write a resume, cover letter, memo, email, thank you letter, persuasive letter, mission statement, and business proposal.

Senior English: Controversial Literature

ENG - SEN ENG CONTR LIT 412 (Grade 12)

0.5 Credit

The objective of this course is to allow students to investigate the issue of censorship in schools from multiple perspectives. In the process, students will investigate the reasons why various works of literature have been banned and why there are hundreds of attempts every year to also ban lessons or educational materials from classrooms, school libraries, and districts across the United States. Students will learn to argue in defense of and against the varied works to be studied within the course. These investigations will require historical, social, and psychological understanding on the part of the students, so that they may understand the psyche of literary censorship.

Senior English: Literature and War/Short Story (CP)

ENG - SEN ENG WAR & SHORT STRY LIT 413 (Grade 12)

1.0 Credit

The first half of this course studies the development of the short story, including history, plot, character, setting, point-of-view, narration, tone, style, and theme. The class includes literary analysis as well as writing an original short story and oral presentations. The second half of this course examines the intricate and powerful effect war has on citizens. Students analyze both fiction and nonfiction prose and poetry that provides insight into the psyche and emotions of war-torn people. The course explores psychological, emotional, and historical effects of tragedy and explores subjects such as beauty amid violence, loss, fear and horror, patriotism, dehumanization, and identity through a compilation of short stories, poems, and novels.

Senior English: Sports Literature and Writing/Science Fiction Literature (CP)

ENG - SEN ENG SPRT & SCI FI LIT 414 (Grade 12)

1.0 Credit

The first half of the courses examines the unique relationship between sports and society through literature by contemporary authors, columnists, and other media. The course affords students the opportunity to examine the historical influence sports has on society and the impact it plays on developing character through universal themes regarding struggle, conflict, victory, and defeat. The second half of this course includes a selection of genres within science fiction literature, including apocalyptic and post-apocalyptic, dying earth, military, time travel, space colonization, and social science fiction. Students explore differences between science fiction and other fantastical works, identify and analyze techniques used to convey imaginary places, beings and ideas, and discuss/compare the evolution of science fiction from its original models to more modern works.

English Elective Course Offerings

Media Production (CP)

ENG - MEDIA 110 (Grade 10, 11, 12)

1.0 Credit

Media Production is a unique course offering that is open to all grades. Students learn all aspects of web-based media production through hands-on creation of written, graphic, and video content for the student-focused web page and YouTube channel. Subject areas include research, writing, producing, recording, editing, publishing and airing news, features, sports, public service, and entertainment pieces. Students become proficient in the creation of content and the operation of equipment and software required. ** This course satisfies both an English and Fine Arts credit.*

Using Social Media (CP)

ENG - SM 110 (Grade 10, 11, 12)

0.5 Credit

Social media is everywhere, and almost everyone uses it every day. This class takes a look at social media, what it is, how it affects us, and how to be smart when using it. In this course students will learn how social media impacts our minds, how to evaluate whether posts are true or fake, how companies and groups use social media to manipulate public opinion, as well as the permanency of internet and social media posts. The class is NOT about how to create social media content or how to get more followers or more likes. Assessments include classroom presentations, projects, and written essays.



St. Joseph High School believes that every student is entitled to a well-rounded education that includes exposure to the arts, including courses in art, music, and theater. A foundation in the arts develops cognitive, analytical, problem solving, and task completion skills. Fine Arts allow students to develop self-expression through visual, aural, and performance mediums. Upon completion, students will possess a basic understanding and appreciation of the arts in their world and how the arts relate to historical, societal, and cultural awareness.

VISUAL AND STUDIO ART

Fundamentals of Art (CP)

FI- ART FUND 210 (Grade 10)

0.50 Credit

This course provides a general overview of the visual arts with an emphasis on design, historical significance, and artistic intent. Students work with two and three-dimensional mediums creating realistic and abstract works including pencil, pastel, marker, and paint. The hands-on work combines with text, multimedia presentations, and class discussions to help students gain an understanding of the societal importance of art.

Studio Art (CP)

FI – SA 310 (Grades 10, 11, 12)

1.0 Credit

This course provides the opportunity for students who have demonstrated talent and interest in art to expand on the drawing and painting concepts introduced in Fundamentals of Art. Emphasis will be placed on more advanced experiences with design principles, drawing, and painting techniques. Coursework is designed to build mastery in technique, composition, design, and creative problem solving. Students will also experiment with various computer art programs such as procreate and sketchbook. Outside work will be required and an active journal/sketchbook is a critical course requirement.

Prerequisite: Portfolio review prior to 2024-25 school year or the completion of the Fundamentals of Art.



AP Art & Design

FI – ART 500 (Grades 11, 12)

1.0 Credit

Students work at an advanced level using techniques used to create a variety of 2-D artworks through developing skills in drawing, painting, printmaking, and collage. Students manipulate the structural elements of art to promote creative risk-taking in 2-D artwork. Student artists use art criticism to evaluate, explain, and measure artistic growth. *Prerequisite: Portfolio review by the AP Instructor prior to 2024-25 school year.*

Sculpture & 3D Design (CP)

FI – SCULP 210 (Grades 10, 11, 12)

0.50 Credit

Students begin an exploration of the structural elements of art used when creating 3-D forms. Additive and subtractive processes are used to manipulate and construct sculptural or ceramic forms in media that may include but are not limited to clay, wood, wire, plaster, found objects, and paper maché.

MUSIC

Instrumental Music (CP)

FI – INS MUS 110 (Grades 9, 10, 11, 12)

1.0 Credit

Instrumental Music - which includes brass, strings, percussion, and woodwinds - provides students the opportunity to develop their musical potential with an emphasis on fulfilling musical objectives. Students engage in activities designed to give them a thorough grounding in instrumental playing and musical literacy, instrumental technique, performance practice and sight-reading. The ensemble performs at St. Joseph High School events. Instrumental Music class requires attendance at all after-school rehearsals and performances. *Prerequisite: Students must have prior instrumental experience and an understanding of sheet music. An audition before the start of the 2024-25 school year required.*

Percussion Ensemble (CP)

FI – PERCUSS 110 (Grades 9, 10, 11, 12)

1.0 Credit

Percussion Ensemble is for students with prior knowledge of snare drum, keyboard fundamentals, and drum set and builds upon prior knowledge of the “family” of percussion instruments and treats it as its own ensemble. Students in this course will participate throughout the year, performing in Steel Pan Band, Contemporary Percussion Ensemble, and with school bands and choirs as needed. Additionally, students will work through a comprehensive series of textbooks specific to percussionists. Members of the class are highly encouraged to prepare an audition to participate in the Connecticut Western Regional Band, Orchestra, or Jazz Band. This course is capped at 12 students. *A brief meeting with the music teacher prior to the 2024-25 year to assess knowledge and skill is required.*

Advanced Percussion Ensemble (H)

FI - ADV PERCUSS 350 (Grades 10, 11, 12)

1.0 Credit

Advanced Percussion Ensemble builds on the concepts of Percussion Ensemble while challenging students to further their musicianship skills through intensive technique building. Students will prepare for outside auditions (Regional, All State Ensembles and College), and develop an advanced repertoire. This ensemble performs at St. Joseph High School events. Advanced Percussion Ensemble requires attendance at all after-school rehearsals and performances. *Prerequisite: An audition in the spring semester. Admittance based on content knowledge.*

Concert Choir (CP)

FI – CHOIR 110 (Grades 9, 10, 11, 12)

1.0 Credit

Concert Choir is for the student with a love of singing: no previous vocal training required. Students work on sacred and secular choral literature while studying music notation, sight singing, music vocabulary, and vocal technique. In addition to ensemble rehearsal, students receive bi-weekly small group lessons for instruction designed to address individual student needs. Concert Choir requires attendance at all after-school rehearsals and performances.

Advanced Instrumental Ensemble (H)

FI – ADV INS MUS 350 (Grades 10, 11, 12)

1.0 Credit

Advanced Instrumental Ensemble builds on the concepts of Instrumental Ensemble while challenging students to further their musicianship skills through intensive technique building. Students will prepare for outside auditions (Regional, All State Ensembles, and College) and develop an advanced repertoire. The ensemble performs at St. Joseph High School events. Advanced Instrumental Ensemble requires attendance at all after-school rehearsals and performances. *Prerequisite: An audition in spring semester. Admittance is based on audition scores and ensemble needs.*

Advanced Chamber Choir (H)

FI – ADV CHAMB 350 (Grades 10, 11, 12)

1.0 Credit

The Chamber Choir builds on the concepts of Concert Choir while challenging students to further their musicianship skills through intensive technique building. Students will prepare for outside auditions (Regionals, All State Ensembles, and College) and develop an advanced repertoire. Advanced Chamber Choir requires attendance at all after-school rehearsals and performances. *Prerequisite: An audition in spring semester. Admittance based on audition scores and ensemble needs.*

THEATER

Fundamentals of Theater (CP)

FI – THEATER 210 (Grade 9, 10, 11, 12)

0.50 Credit

Fundamentals of Theater focuses on public speaking, scene studies, improvisation, set design, costume design and performance techniques, as well as exploring how theater has shaped societies since ancient times. Students will learn basic stage combat, backstage skills, as well as directing, improvisation, and acting.

The Art of Acting (H)

FI – ACT 350 (Grades 10, 11, 12)

0.50 Credit

This course provides an in-depth study of the various skills an actor needs in order to be successful; including an awareness and appreciation of acting both as a participant and an observer. Emphasis is placed upon ensemble and scene work, as well as improvisation. Students study texts for clues to character behavior and motivation and are assigned classical and contemporary theater works. Students perform monologues, two-person scenes, improvised 20 scenarios, as well as learning how to audition for a college or professional environment.



The Mathematics Department enhances and expands on the mathematical knowledge that students have gained throughout their education. We strive to offer a learning environment that fosters analytical thinking, logical reasoning, and problem-solving skills. The department and its faculty strive to inspire in each student an appreciation of mathematics and its practical real-world applications. The students enrolled in all Mathematics classes need access to a graphing calculator daily. There is always movement between levels in Mathematics. A final average of a 90 in a CP course is needed to advance to an honors level course.

Algebra 1 (H, CP, CP2)

MATH – ALG1 150, 110, 101 (Grade 9)

1.0 Credit

A foundation course for math; topics include solving equations and inequalities, functions, exponents, polynomials, quadratics, and systems of equations. The theory and use of functions will be introduced. A correlation between arithmetic, and algebraic principles and the vocabulary of algebra is stressed.

Geometry (H, CP, CP2)

MATH – GEOM 250, 210, 201 (Grades 9, 10)

1.0 Credit

Two and three-dimensional geometric figures are explored through the use of definitions, postulates, and theorems. Inductive and deductive reasoning are developed in the formulation of proofs and through group activities. Euclidean, coordinate, and spatial geometry is covered. *Prerequisite: Algebra 1.*

Algebra 2 (H, CP, CP2)

MATH – ALG2 350, 310, 301 (Grades 9, 10, 11)

1.0 Credit

Students are introduced to the transcendental functions (exponential, trigonometric, and logarithmic). Matrices, algebraic fractions, functions, introduction to sequences, series and conic functions, and their graphs will complete the year.

Prerequisite: Geometry.

Pre-Calculus (H, CP)

MATH – PRECALC 350, 310 (Grades 10, 11, 12)

1.0 Credit

This course covers circular, algebraic, exponential, and logarithmic functions as well as trigonometry and its applications, analytic geometry, sequences, and series and vectors. *Prerequisites: Algebra 2.*



AP Pre-Calculus

MATH – PRECALC 380 (Grades 11, 12)

1.0 Credit

AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college level mathematics courses. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices. The mathematical practices of procedural and symbolic fluency, multiple representations, and communication and reasoning are developed. Students experience the concepts and skills related to each function type through the lenses of modeling and covariation and engage each function type through their graphical, numerical, analytical, and verbal representations. This course centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. Students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, business, social science, and data science. *Honors Prerequisite: Algebra 2 and approval from the department chair.*



AP Statistics/ UCONN ECE Statistics

MATH – STAT 500/STAT 1100Q (Grade 12; Grade 11 with approval from the Math Department Chair)

1.0 Credit

AP Statistics is a class for any students who wants to learn how to make sense of the world around him/her through the use of authentic data. A standard approach to statistical analysis primarily for students of business and economics; elementary probability, sampling distributions, normal theory estimation and hypothesis testing, regression and correlation, exploratory data analysis. Learning to do statistical analysis on a personal computer is an integral part of the course. This is a college level course and follows the standard syllabus prescribed by the College Board. Students will have the option to take the AP exam which will be administered in May. This course is also a dual-enrollment course with the UCONN. *Prerequisite: Algebra 2.*



AP Calculus, AB

MATH – CALC AB 480 (Grades 11, 12)

1.0 Credit

The first semester emphasizes a thorough study of derivatives. Students become proficient in both explicit and implicit derivatives of polynomials, rational trigonometric, logarithmic and exponential functions. Derivative applications are studied through motion, curve fitting, extrema, and related rates. The second semester stresses the study of the integral. Applications are stressed through the investigation of volumes, length of curves, volumes of solids of revolution and surface area. This is a college level course and follows the standard syllabus prescribed by the College Board. Students will have the option to take the AP exam which will be administered in May. *Prerequisite: Precalculus.*



AP Calculus, BC / UCONN ECE MA 1131Q MA1132Q

MATH – CALC BC 500/MA1131Q MA1132Q (Grades 12)

1.0 Credit

This covers all of the topics from Calculus AB as well as Taylor and Maclaurin series, advanced methods of integration, polar coordinates, and equations as well as parametric equations. This is a college level course and follows the standard syllabus prescribed by the College Board. Students will have the option to take the AP exam which will be administered in May. This course is also a dual-enrollment with UCONN. *Prerequisite: Calculus AB or Calculus.*



Calculus (H)

MATH CALC 450 (Grades 11, 12)

1.0 Credit

Calculus topics begin with study of limits. The derivative is introduced through the study of the tangent line problem and the limit definition of the derivative is developed. Students become proficient at both explicit and implicit derivatives of polynomial, rational, trigonometric, exponential, and logarithmic functions. Derivative applications are studied through motion, curve fitting, extrema, and related rates. The course continues with anti-differentiation and its applications.

Prerequisite: Precalculus.

Statistics (H, CP)

MATH – STAT 450, 410 (Grade 12)

1.0 Credit

Statistics is the science of collecting and analyzing data. This course covers descriptive statistics, axiomatic probability, probability distributions (including the normal binomial), inferential statistics (confidence intervals and hypothesis tests), and curve fitting. *Prerequisite: Algebra 2.*



SCIENCE DEPARTMENT

The Science Department prepares students for life in a technologically advancing society. Students are taught the importance of science in everyday life as well as an understanding and appreciation of the laws of nature and the universe. Science is a process of inquiry rather than a collection of facts. Through laboratory work, students are taught how to ask the right questions about nature and learn how the sciences interconnect. Students will prepare to understand the mysteries of the planet, the ecosystems, the various species populating Earth, and themselves as human beings. Prerequisite Note: Any student who wishes to move from CP to Honors courses must earn a 90 overall average in their science course and obtain department chair approval.

Biology (H, CP, CP2)

SCI – BIO 150, 110, 101 (Grades 9, 10)

1.0 Credit

Biology is the study of life and students will be introduced to major topics found within this field of science, such as biochemistry, cellular biology, Mendelian and molecular genetics, evolution, and ecology. The laboratory component brings hands-on experience to the students.

Elements of Chemistry (CP, CP2)

SCI – CHEM 210, 201 (Grades 10, 11, 12)

1.0 Credit

This course deals with Chemistry and Atomic Theory from a practical point of view. Some topics include fire and the energy it exhibits, maple syrup and Gatorade as solutions you often use, acids and bases in the household, in your body, and in pools. This course is designed as an investigative, hands on, and activity-based journey into chemistry, including lectures and laboratory work. *Prerequisite: Biology.*

Modern Chemistry (H)

SCI – CHEM 250 (Grades 10, 11, 12)

1.0 Credit

This course provides an essential Chemistry background for all AP Sciences. Chemistry is the study of matter and its relationship with energy. Topics include atomic structure, quantum mechanics, periodic trends, bonding, molecular geometry, the behavior of solids, liquids and gases on the molecular level, quantitative and qualitative aspects of chemical reactions, thermochemistry, solutions, acids and bases, and gas laws. *Prerequisites: An 80 overall average in Honors Biology.*

Physics (CP)

SCI – PHYS 410 (Grade 11, 12)

1.0 Credit

This course introduces students to the fundamental principles of physics and shows how physics is applied to practical solutions. The course encourages comprehension of physics and scientific communication skills without the use of complex mathematics. The basic rules of the universe: force, motion, energy, light, sound, heat and the interior of the atom are covered through discussion and activity. *Prerequisites: Chemistry.*



Physics (H)

SCI – PHYS 450/UCONN 1201Q (Grade 11, 12)

1.0 Credit

Honors Physics is the equivalent of a first-semester college course in algebra-based physics, designed to be taught over a full academic year. The course covers kinematics, Newton's Laws of Motion, momentum, work, energy, and power; circular motion and rotation, oscillations, mechanical waves, fluids, and thermal physics. Students will develop the skills and intuition to solve college-level physics problems while applying their deep conceptual understanding of the content through inquiry labs *Prerequisite: Chemistry. To move from Honors to AP/ECE, students must earn a 90 overall average in their science course.*



AP Environmental Science

SCI – ENV SCI (Grades 11, 12)

1.0 Credit

This course investigates how humankind can become a better steward of the Earth and its resources. The course covers biodiversity, agriculture, water and air pollution, climate change, and fossil fuels versus renewable energy sources. Laboratory experiments and fieldwork are required. Students will have the option to take the AP exam which will be administered in May. *Prerequisites: Biology, Chemistry, and approval from the department chair. To move from Honors to AP/ECE, students must earn a 90 overall average in their science course.*



ECE Biology and Lab

SCI – BIO 500/UCONN BIO 1107/1108

1.0 Credit

ECE Biology 1107 is the first of a two-semester course that will introduce students to the foundational college concepts of biological system structure and function at the different hierarchical levels of living organisms. Topics will be explored from a microscopic perspective with molecular and physiological approaches as tools to help students understand how actions at the cellular level can be seen all the way up to the organismal level. Concepts will be studied through the weaving of high interest labs, engaging lectures, and analysis of real-world data in case studies. This course will offer engaging lab investigations and development and use of novel statistical analyses in the creation of scientific reports. Students who earn 75% or better in the course will earn UCONN credit for their effort.

ECE Biology 1108 is the second of a two-semester course that will introduce students to the foundational concepts of population, community, and ecosystem structure and function. Students will trace the evolution of life on Earth and define the processes of evolution that lead to the diversity of life. There will be a greater emphasis on simulations in evolution and data rich modeling work for populations. The Wetlands and Boardwalk will prove invaluable in the learning of ecosystem processes, while field monitoring techniques will help students to develop extensive data sets from which to expand upon in scientific reporting. *Prerequisites: Chemistry and approval from the department chair. To move from Honors to AP/ECE, students must earn a 90 overall average in their science course.*



AP Chemistry and Lab

SCI – CHEM 480 (Grades 11, 12)

1.0 Credit

This course expands on topics from Modern Chemistry and covers nuclear chemistry, electrochemistry, rates of reactions, thermodynamics and the involvement of chemistry in environmental and societal issues. Extensive laboratory work is required, including calculating and interpreting results based on quantitative data. Students will have the option to take the AP exam which will be administered in May. *Prerequisites: Honors Chemistry and approval from the department chair. To move from Honors to AP/ECE, students must earn a 90 overall average in their science course.*

Advanced Physics



SCI – PHYS 500/UCONN 1401Q (Grades 11, 12)

1.0 Credit

Advanced Physics is the equivalent of a first-semester college course in calculus-based physics, including a laboratory component, designed to be taught over a full academic year. The course covers kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation. *Prerequisites: Honors Physics, completion of, or concurrent enrollment in Calculus, and approval of the department chair. To move from Honors to AP/ECE, students must earn a 90 overall average in their science course.*

Sports Medicine (CP)

SCI – SPORT MED 310 (Grades 11, 12)

.50 Credit

Designed for students interested in the medical/health fields, students learn medical terminology, prevention, treatment, rehabilitation of sports injuries, emergency procedures, and basic first-aid. Practical skills include wrapping, basic first-aid and emergency procedures. Students have the opportunity to assist with the development and application of rehabilitation of St. Joseph High School athletes.

Human Anatomy and Physiology (CP)

SCI – AP 410 (Grade 11, 12)

1.0 Credit

Designed for students interested in medicine/health, the course focuses on detailed coverage of the structure and functions of the human body and the injuries and diseases that affect each organ system. Major dissections are an essential part of the course. *Prerequisite: Biology.*

Environmental Science (CP)

SCI – ENV SCI 410 (Grades 12)

0.50 Credit

A study of the fundamental principles of land and marine ecology. Students study various ecosystems, habitats and environmental problems such as climate change, sustainability, and types of pollution.

Forensic Science (CP)

SCI – FSC 410 (Grades 11, 12)

0.50 Credit

A course for students interested in understanding how to apply the sciences to the criminal justice system. Students will learn about the history of forensic science, the process of fundamental investigation techniques; such as fingerprinting, fiber analysis, trace evidence analysis, blood spatters and blood sampling, and taught about proper collecting, preservation, and laboratory analysis of various samples in crime scene analysis. *Prerequisites: Successful completion of Biology, Chemistry, and preferably Anatomy.*

Biotechnology 1: Medical Microbiology (H)

SCI – MICRO BIO 450 (Grades 10, 11, 12)

0.50 Credit

An advanced laboratory and activity-based course meant to introduce students to the principles and practices of medical microbiology. This course is the first of a three course sequence in the Biomedical/Biotechnology Pathway. This is an essential course for any student interested in a career in the life sciences such as Nursing, Microbiology, Genetics, Biochemistry, Forensic Science, Medicine, or Veterinary Science. Topics include: identification of microorganisms and the nature and behavior of microorganisms, a variety of analytical methods and benchtop techniques. The determination of how diseases are spread, their clinical features, laboratory data based diagnoses, and appropriate control measures will also be studied. *Prerequisite: 75+ overall average in Biology CP or H.*



SOCIAL STUDIES DEPARTMENT

The Social Studies Department promotes liberal arts instruction that leads to informed citizenship. Historical knowledge can serve as a bridge to the present, explaining and illuminating how we have developed as a civilization. Students are introduced to a thought-provoking process of investigation and analysis centered on social, political, and international issues intended to foster critical thinking skills, diversity of opinion, and moral sensibility.

World History (H, CP, CP2)

SS – WRLD HIST 150, 110, 101 (Grade 9)

1.0 Credit

A comprehensive historical survey of the civilizations of the globe from the early river civilizations to the Enlightenment. Although chronological in approach, this course explores various major themes, such as: political and economic systems, religion, society and culture, the evolution of science and technology, and the impact of a variety of diverse ideologies on the world today. This course will also focus on the development of fundamental skills, including critical reading, writing, and the examination of primary sources and historical evidence.

Modern World History (H, CP, CP2)

SS – MOD WRLD HIST 250, 210, 201(Grade 10)

1.0 Credit

A comprehensive survey of the history of the globe from the Enlightenment to the present day. Students will continue the analysis of major themes from a political, economic, social, cultural, religious, scientific, and technological perspective. In addition, emphasis will be placed on topics such as the Industrial Revolution; nationalism and imperialism; the Cold War; “self-determination of nations”, and the emerging global world of the 21st century. Special focus will be placed on the development of a variety of skills such as critical reading and writing and the assessment of historical evidence and primary sources. *Honors Prerequisite: 90 overall average in World History (CP).*



United States History Since 1877 (H)

SS US HIST 350/UCONN HIST 1502 (Grade 11)

1.0 Credit

This UConn ECE course is academically challenging and analyzes American history from 1877 to the present. Emphasis is placed on American politics, economic life, social and cultural events, and the role of America in global affairs. *Prerequisite: 90 overall average in Modern World History (CP).*

United States History Since 1877 (CP)

SS – US HIST 310 (Grade 11)

1.0 Credit

An examination of American history from 1877 to the present. Emphasis is placed on American politics, economic life, social and cultural events, and the role of America in global affairs.

Law & Criminal Justice System (CP)

SS - CRIM 210 (Grades 10, 11, 12)

.50 Credit

This course focuses on the American judicial system at work in society and demonstrates the responsibilities of American citizens. Students are introduced to a practical understanding of law and the American legal system and familiarized with the criminal justice system through criminal law and criminal procedure.



AP European History

SS – EURO HIST 280 (Grade 10)

1.0 Credit

This college-level course follows the standard syllabus approved by the College Board and focuses on the study of European History from the Renaissance to the present. Emphasis is on critical reading and writing skills and the ability to work independently. Students will have the option to take the AP exam which will be administered in May. Pre- course summer assignments may be required. *Prerequisite: 90 overall average World History (H).*



AP United States History

SS – US HIST 380 (Grade 11)

1.0 Credit

This college-level course follows the standard syllabus approved by the College Board and focuses on the study of American History from 1491 to the present. Emphasis is on critical reading and writing skills and the ability to work independently. Students will have the option to take the AP exam which will be administered in May. Pre- course summer assignments may be required. *Prerequisite: 90 overall average Modern World History (H).*



AP United States Government and Politics

SS – GOV POL 480 (Grade 12)

1.0 Credit

This college-level course follows the standard syllabus approved by the College Board and is designed to provide students with an analytical perspective on government and politics in the United States. Students develop a critical understanding of the strengths and weaknesses of the American political system, as well their rights and responsibilities as citizens. Students will have the option to take the AP exam which will be administered in May. This course fulfills a senior's Civics requirement. Pre-course summer assignments may be required. *Prerequisites: 90 overall average in United States History (H).*



AP Psychology

SS – PSYCH 480 (Grades 11, 12)

1.0 Credit

This is a college-level course providing students an overview of the diverse social and biological science of psychology through multiple perspectives and interpretations. This course emphasizes critical thinking skills in application to the social sciences by immersing students in modern psychological research, techniques, and methodologies. Topics include research methods, learning and cognition, developmental psychology, abnormal behavior, and social psychology. This course follows a syllabus approved by College Board and students may elect to take the AP exam in May. *Prerequisite: Approval of the department chair.*



AP Economics

SS – ECON 480 (Grades 11, 12)

1.0 Credit

This college level course follows the standard syllabus approved by the College Board and provides a thorough understanding of the principles of economics, with particular focus on the American economic system. It covers both microeconomics and macroeconomics. Students will have the option to take the AP exam which will be administered in May. This is a full year online course. *Prerequisite: Approval from the department chair.*

Introduction to Psychology (CP)

SS – PSYCH 410 (Grades 11, 12)

0.50 Credit

A survey course that introduces students to human development, the brain, the nervous system, statistics, testing, learning, emotions, and communication through supervised experiments and written reports. Emphasis is placed on current theories and how they apply to student lives in modern times.

Introduction to Economics (CP)

SS – ECON 410 (Grades 11, 12)

0.50 Credit

This is a survey course designed to provide students with a fundamental understanding of the workings of the global economic system and the important role played by economics in the modern world.



Introduction to International Relations (CL)

SS – INTL RELAT 500/UCONN POLS 1402-801D (Grades 11, 12)

0.50 Credit

This course focuses on the nature and problems of international politics. Students in this course also prepare for involvement in the Model United Nations conferences through country delegate positions, bloc positions, and prior United Nations policies. Students are required to become delegates for the selected conference. Pre-course summer reading and writing assignments are required. This is a Period M course - students meet before school at 7:00AM.

Contemporary Political Philosophy (H)

SS – POL PHIL 350 (Grades 11, 12)

0.50 Credit

This second semester course covers the major philosophies that affect the global community. Topics such as Marxism, Fascism and Democracy will be examined. The course will also address major religious and economic theories and the application of liberal and conservative points of view on the solution of global issues. This course is offered during the spring semester only. This is a Period M course - students meet before school at 7:00AM.

Civics (CP, H)

SS – CIVICS 410, 450 (Grade 12)

0.50 Credit

This course is an intensive study of the constitutional framework, institutions, and political processes of the United States government. Students focus on the duties, rights, and responsibilities of citizenship and develop a critical understanding of the political, economic, and social challenges in governing a pluralistic society. Case studies of historical and current issues are utilized to provide students an analytical perspective on the evolution of the United States government. This is a required senior course. *Honors Prerequisites: 90 overall average United States History (CP).*



TECHNOLOGY & INNOVATION DEPARTMENT

If the true purpose of education is to foster the ability to critically think, analyze, explore, and create, than what better way to attain this goal than to offer courses intentionally designed to do just that? The Technology & Innovation courses focus on collaborative, inquiry-based learning, which will assist the students with the skills needed to be successful in high school and higher education. St. Joseph High School partners with Milestone C for many of our technology courses.

IDEA: Invention Design Engineering Application (CP)

STEM – IDEA 110 (Grade 9)

0.5 Credit

Offered by Milestone C, this course brings freshman face to face with “real world experience”. Using technology-centered, hands-on, inquiry-based learning, and problem-solving, students are faced with building an electric car company from the ground up. Students take on specific roles and are tasked building a remote-control electric car prototype, website and marketing materials, renderings, detailed sketches, and presentations to their stakeholders. Students will have repeated opportunities to utilize their own skill sets, be a part of a simulated company, and learn new foundational skills. Using the design mindset, students will apply problem-solving skills, collaboration & cultivating teamwork, communication, practice task and time management, and critical-thinking skills.

Innovative Project Design (CP)

STEM - PRJCT DESGN 210 (Grades 10, 11, 12)

0.50 Credit

This semester course teaches students how to plan and build their own designs to achieve a goal. Students work in teams of two and are provided with the tools and materials for hands-on, project based learning that allows for creativity in simple yet challenging projects where there is no single correct answer. Among other projects, students will learn to build and then minimize the effects of friction on a propeller powered toy car; how to balance forces while building an index card tower to hold textbooks; and the aerodynamics of making a paper airplane that makes a sharp left turn after going straight for 50 feet.

Robotics & Automated Systems – Build & App Development (CP)

STEM – RAS I 210 (Grades 10, 11, 12)

0.5 Credit

Offered by Milestone C, this course brings students into the world of robotics, one that is interwoven consistently in the fabrics of every single engineering and scientific industry, from aerospace and automotive, to medicine and nuclear physics. Students will build a robotic hexapod and code/program the robot in order to gain understanding of how electronics, mechanics, and software come together, leading to articulated and automated systems design. Featuring state-of-the-art technology, students rapidly propel from foundational topics into articulation, feedback loops, and automation programming while defining the cutting edge of STEM education at each step. Students will have the opportunity to explore hardware, software, App Development, 3D modeling and printing, and Arduino programming fundamentals. This course pushes students critical thinking, collaboration, and communication skills at various stages throughout the program.

Robotics & Automated Systems – 3D Model, Print, Code (CP)

STEM – RAS II 310 (Grades 11, 12)

0.5 Credit

Offered by Milestone C, this course brings students into the world of robotics, one that is interwoven consistently in the fabrics of every single engineering and scientific industry, from aerospace and automotive, to medicine and nuclear physics. Students will build a robotic hexapod and code/program the robot in order to gain understanding of how electronics, mechanics, and software come together, leading to articulated and automated systems design. Featuring state-of-the-art technology, students rapidly propel from foundational topics into articulation, feedback loops, and automation programming while defining the cutting edge of STEM education at each step. Students will have the opportunity to explore hardware, software, App Development, 3D modeling and printing, and Arduino programming fundamentals. This course pushes students critical thinking, collaboration, and communication skills at various stages throughout the program.

Cybersecurity & Internet of Things (CP)

STEM – CYBER SEC 310 (Grades 11, 12)

0.5 Credit

Cybersecurity is becoming a booming industry, with every large corporation putting a major focus on how to handle their company data in a thoughtful and protected way while also allowing their workforce to have flexibility and mobility. Students learning the fundamentals of cybersecurity will allow them to flourish in a variety of careers both inside security-focused companies and in careers outside of the tech industry. Students will learn foundational skills in coding and networking and then build into basic skills of encryption, cryptography, and vulnerability analysis.

Software Design & Integration (CP)

STEM – SDI 310 (Grades 11, 12)

0.5 Credit

In today's global technology network, software is the single common thread tying all disciplines together. All STEM industries, without exception, benefit from the efforts of software developers, engineers, and integrators daily. This lightning-paced course will introduce students to how corporate software projects are developed, managed, integrated, and fielded. An interface-oriented approach to software development eliminates the need for any prior coding experience. Students will navigate this complex world following a project-based roadmap and leave with a significant sense of accomplishment and key professional skills after creating professional-caliber apps, games, and control algorithms. Students will establish a solid foundation in software development principles, and gain big-picture understanding of interface management and the engineering process at large. Students interested in understanding how software and hardware affect each other and how software projects are developed are encouraged to take this course. No prior coding experience required.

Aviation & Flight Science (CP)

STEM – AVIATION 310 (Grades 11, 12)

0.5 Credit

Placing high school math and science classes into applied context through the thrilling real-world framework of aviation. Students are equipped with key college and career skills including critical thinking, public speaking, task management, and effective teamwork and communication. Through extensive ground school studies and strenuous flight training on highly realistic desktop simulators, students will boast a significant portion of the same training civilian and military pilot candidates receive in flight school. Students interested in aviation, physiological effects aircraft on the human body, and application of physics and math in the real world are encouraged to take this course.

Tech Project: Create, Design, Manage, Build (CP)

STEM – EDP 310 (Grades 11, 12)

0.5 Credit

Students embark on an extended design project emulating a real-world engineering program, complete with requirement analysis, milestone reviews, schedule management, and a detailed test program prior to fielding a complex, physical end-product. Students will benefit from the technical and soft skills acquired during this course for years to come, regardless of the career path they choose. Students interested in applying the thought process of a designer while designing, building, and testing a prototype to meet a customer's needs are encouraged to take this course.

Capstone Experience in Technology & Innovation (CP)

STEM – WLC 410 (Grade 12)

0.5 Credit

Through an open-ended and semester-long project, students will learn “on the job”. They are provided with a framework, and deadlines, and are required to work within their team to execute the entire design life cycle—planning, analysis, design, and implementation. This project focuses on both software and hardware with an emphasis on student autonomy, emulating industry practices. The students' groups are structured as cross-functional engineering teams, which facilitates cohesive and consistent progress throughout the design process.

Topics in Computing Applications, AI, and Ethics (CP)

STEM – COMP SCI 210 (Grade 10, 11, 12)

0.5 Credit

This course is designed to provide students with a comprehensive understanding of software applications and digital tools. This course aims to equip students with essential skills and knowledge in the field of computing technologies, with a specific focus on modern applications, artificial intelligence (AI), and ethical considerations within technology. The course provides practical insights into computing applications in various aspects of life, emphasizing real-world scenarios where students will engage in hands-on activities, projects, and real-world applications to reinforce their learning throughout the course.



The Theology Department proclaims the Gospel of Jesus Christ through the magisterial teachings of the Roman Catholic Church. Students will learn to articulate the Faith, develop a closer relationship with the Triune God, and manifest the Gospel values in their lives.

Introduction to Catholicism/Old Testament (CP)

THEO – OT 110 (Grade 9)

1.0 Credit

This course presumes a blank slate of knowledge and seeks to ensure that students end their freshman year with not only an understanding of what the Catholic Church believes in and why, but also how its foundation lies within the Hebrew scripture. Students are challenged to look at and explore the implications of the Apostles' and Nicene Creeds, as well as learn to integrate Sacred Scripture into their prayer life and moral decision-making.

New Testament/Christology (CP)

THEO – NT 210 (Grade 10)

1.0 Credit

Building upon the foundation established in their freshman year, this course offers an in-depth look at God's revelation in the New Testament. By spending the year studying the person, role, nature and message of Jesus Christ, students will learn not only the implications of Jesus' life on the people of His time, but also the implications for us as a society as we accept the call to carry Jesus' mission into the world. This course will emphasize the development of Christology from the first century to the modern age and explore how the Acts of the Apostles and the Epistles illustrate the role of the early Christian community in the formation of the Church.

Morality: Our Response to God's Love (CP)

THEO - MORAL 310 (Grade 11)

0.50 Credit

Recognizing the complexity of living in our current age, this semester course provides students with the tools to live out a moral life. The curriculum focuses on applying the Church's moral teachings to contemporary life, with a focus on the topics of decision-making, conscience, honesty, laws, virtues, vices, etc. Students will learn how to live out God's call and bring their unique perspective into the world to make it a better place.

Catholic Social Teaching (CP)

THEO – CST 310 (Grade 11)

0.50 Credit

Recognizing the Christian call to act on behalf of the marginalized, this semester course offers the opportunity to take the seven principles of Catholic Social Teaching and apply them to the contemporary problems of society. With an emphasis on reflection, judgment, and action, students will not only recognize the difficulties the world is facing, but be empowered to make change where possible. Topics included but are not limited to: capital punishment, caring for God's creation, the dignity of work and rights of workers, euthanasia, prejudice and discrimination, racism, and the right to life.

Vocations and the Call to Holiness (CP)

THEO – VOCATION 410 (Grade 12)

0.50 Credit

This semester course examines Christian vocations and God's universal call to holiness. In the words of Pope Francis, "To be saints is not a privilege for the few, but a vocation for everyone." Students consider what it means to really live life as a Christian. Topics include, but are not limited to: vocations, discernment, the sacraments of marriage and holy orders, the Christian perspective on the family and its importance in society, the consecrated life, love, one's prayer life, and the development of virtue.



Introduction to World Religions (CL)

THEO – WR 500/SHU TRS265 (Grade 12)

0.50 Credit

This college-level semester course examines the origin and expression of the religious impulse from pre-history to modern times. Emphasis is placed on defining religion in general and a study of the world's major religions, including Hinduism, Buddhism, Confucianism, Taoism, Zoroastrianism, Judaism, Islam, and Christianity. Each religion is examined from the viewpoints of theology, cosmology, history, anthropology, and sociology. Students are eligible to apply to receive 3 credits from Sacred Heart University. *Prerequisite: Approval from the department chair.*



Faith and Reason (CL)

THEO – F&R 500 (Grade 12)

0.50 Credit

This college-level semester course examines profound philosophical and theological questions through ancient and contemporary primary sources spanning the Catholic intellectual tradition, with an emphasis on the interrelation of faith and reason. Students are eligible to apply to receive 3 credits from Sacred Heart University. *Prerequisite: Approval of the department chair.*

Prayer and Spirituality (CP)

THEO – PRAYER 410 (Grade 12)

0.50 Credit

This semester course offers the opportunity to discover different methods of prayer that students can incorporate into their own spiritual journey. Students will utilize meditation and contemplation, with an emphasis on the experience of prayer to allow them to encounter the Sacred in their lives. The curriculum is split between experiencing prayer and studying the Bible to consider what it reveals about prayer. Students will consider what it means to be a disciple in the modern world and how prayer can help heal strained relationships

Peer Ministry (CP)

THEO – PEER MNST 410 (Grade 12)

1.0 Credit

Designed to help students develop and practice leadership skills inside and outside of the classroom. The course focuses on how the scriptures and the Gospels play a role in our lives and the practical ways we can bring these messages to our world. Students will be challenged to construct and coordinate service projects within the community, demonstrating their effective leadership skills. Students will develop their counseling techniques, group dynamics, and public speaking by working with outside organizations and helping the community. *Prerequisite: Application, interview, and approval from the Director of Campus Ministry.*

Bioethics: From Basics to the Future (H)

THEO – BIOETHICS 450 (Grade 12)

0.50 Credit

The semester course focuses on the key Catholic approaches to health care ethics and issues. Topics include the history of the Church's medical ethics, ethical methodologies, the development of virtues and key medical ethics issues including reproductive technologies, abortion, genetic engineering, cloning, death and dying, euthanasia, the role of physician as healer, and organ donation. *Prerequisite: Approval from the department chair.*

World Religions (CP)

THEO – WR 410 (Grade 12)

0.50 Credit

This semester course is designed to help students develop religious literacy in accord with the directive of the Second Vatican Council declaration *Nostra Aetate* to examine the Church's relationship to non-Christian religions with the intention of "promoting unity and love among men." Students will identify the similarities and differences between Catholicism, other Christian denominations, and religions such as Judaism, Islam, Hinduism, and Buddhism and how to respectfully navigate these differences.

Theology Elective Course Offerings

Introduction to Philosophy (CP)

THEO – PHIL 110 (Grade 9, 10, 11, 12)

0.50 Credit

This course will provide a general introduction to philosophy. We will touch on major philosophical topics such as ethics (values/morals), epistemology (knowledge), metaphysics (reality), social/political philosophy, and logic. We will review the works of Plato, Aristotle, Locke, Kant, Hume, Aquinas, Augustine, Descartes, and many more. The goal of this class is to give students the initial tools needed to think constructively, analyze problems from different perspectives, engage in meaningful discourse, and define/articulate their thoughts.



WORLD LANGUAGE DEPARTMENT

The World Languages Department educates the whole student through the teaching of language, grammar, and culture. ACTFL National Standards of communication, connections, comparisons, cultures, and communities are integrated within all pedagogical initiatives. Interpretive, presentational, and interpersonal modes of communication are also incorporated as to guide students to reach higher communication achievements in speaking, writing, reading, and listening. Additional emphasis is placed on cultural themes, topics, and issues of target language countries. The department encourages students to look beyond their own community and embrace respect, empathy, and diversity in a multicultural society.

St. Joseph High School offers the following world languages: French, Italian, Mandarin and Spanish. Latin 1 & 2 are available through the Virtual High School Program.

French 1 (CP)

WL – FRENCH 110 (Grades 9, 10, 11, 12)

1.0 Credit

This course introduces students to the sound systems and intonations of the French language with an emphasis on the development of audio-lingual skills. Students are introduced to basic structures within a defined vocabulary selection in order to engage in simple conversation and develop a reasonable ability to read and write French. Students are also introduced to French culture through geography, history, and art.

French 2 (CP)

WL – FRENCH 210 (Grades 9, 10, 11, 12)

1.0 Credit

This course strengthens a student's speaking, reading, writing, and listening skills. New grammatical structures and verb formations are introduced while also improving listening comprehension. Further study is developed regarding French history, civilization, and society.

French 3 (H)

WL – FRENCH 350 (Grades 10, 11, 12)

1.0 Credit

This course continues introducing more advanced structures of the French language while furthering language acquirement/comprehension through listening, speaking, reading, and writing skills. Basic structures are reviewed as necessary. This is a continued study of French culture.

French 4 (H)

WL – FRENCH 450 (Grades 10, 11, 12)

1.0 Credit

This course is for the advanced student who would like to strengthen and further develop language skills. Oral, written, and grammar study are conducted in French. This course is designed as an interactive communicative approach focusing on meaningful contexts that develop and consolidate a student's speaking, listening, reading, writing, and cultural competencies.



AP French Language

WL – FRENCH 480 (Grade 12)

1.0 Credit

This online college-level course follows the standard syllabus approved by College Board and is designed to develop listening, speaking, reading and writing skills using literary and conversational materials. The class is currently taken online. Students will have the option to take the Advanced Placement Exam which is administered in May. *Prerequisite: Approval of the Assistant Principal for Curriculum and Instruction.*

Italian 1 (CP)

WL – ITALIAN 110 (Grades 9, 10, 11, 12)

1.0 Credit

This course introduces the student to the sound systems and intonations of the Italian language with emphasis on the development of audio-lingual skills. Students are introduced to basic structures within a defined vocabulary selection in order to engage in simple conversation and to develop a reasonable ability to read and write Italian. Students are also introduced to Italian culture through geography, history, and art.

Italian 2 (CP)

WL – ITALIAN 210 (Grades 9, 10, 11, 12)

1.0 Credit

This course strengthens a student's speaking, reading, writing, and listening skills. New grammatical structures and verb formations are introduced while also improving listening comprehension. Further study is developed regarding Italian history, civilization, and society.

Italian 3 (H)

WL – ITALIAN 350 (Grades 10, 11, 12)

1.0 Credit

This course continues introducing more advanced structures of Italian grammar while furthering language acquisition/comprehension through listening, speaking, reading, and writing skills. Basic structures are reviewed as necessary. There is also a continued study of Italian culture. *Prerequisite: 90 overall average in Italian 2.*

Italian 4 (H)

WL - ITALIAN 450 (Grades 11, 12)

1.0 Credit

This course is for the advanced student who would like to strengthen and further develop language skills. Oral, written, and grammar study are conducted in Italian. This intermediate-high level course is designed as an interactive communicative approach focusing on meaningful contexts that develop and consolidate a student's speaking, listening, reading, writing, and cultural competencies. *Prerequisite: 90 overall average in Italian 3.*

Mandarin 1 (CP)

WL – MAND 110 (Grades 9, 10, 11, 12)

1.0 Credit

This course introduces the student to the correct pronunciations and use of conversational patterns of Mandarin. Emphasis is placed on oral comprehension, speaking, writing, and reading skills. Students learn the creation and use of Mandarin characters and pinyin. Students are also introduced to Chinese culture through geography, history, and art.

Mandarin 2 (CP)

WL – MAND 210 (Grades 9, 10, 11, 12)

1.0 Credit

This course strengthens oral comprehension, speaking, writing, and reading skills. Focus is placed on the creation and use of Mandarin characters as well as pinyin. Students make comparisons and connections with other cultures and communities within China while examining cultural themes, topics, and issues.

Mandarin 3 (H)

WL – MAND 350 (Grades 9, 10, 11, 12)

1.0 Credit

This course continues in introducing more advanced structures of Mandarin grammar while furthering language acquirement/comprehension through listening, speaking, reading, and writing skills. This course also requires the application of language fundamentals through paired and group activities. Exposure to adapted texts complements interpretive skills of written and spoken Chinese language. *Prerequisite: 90 overall average in Mandarin 2.*

Mandarin 4 (H)

WL – MAND 450 (Grades 9, 10, 11, 12)

1.0 Credit

This course is for the advanced student who would like to strengthen and further develop their language skills. Oral, written, and grammar study are conducted in Mandarin. This intermediate-high level course is designed as an interactive communicative approach focusing on meaningful contexts that develop and consolidate a student's speaking, listening, reading, writing, and cultural competencies. *Prerequisite: 90 overall average in Mandarin 3.*

Spanish 1 (CP, CP2)

WL – SPAN 110, 101 (Grades 9, 10, 11, 12)

1.0 Credit

This course introduces students to the sound systems and intonations of the Spanish language with emphasis on the development of audio-lingual skills. Students are introduced to basic structures within a defined vocabulary selection in order to engage in simple conversation and develop a reasonable ability to read and write Spanish. Students are also introduced to Spanish culture through geography, history, and art.

Spanish 2 (H, CP, CP2)

WL – SPAN 250, 210, 201 (Grades 9, 10, 11, 12)

1.0 Credit

This course strengthens a student's speaking, reading, writing, and listening skills. New grammatical structures and verb formations are introduced while also improving listening comprehension. This is a further study of Spanish history, civilization, and society. *Honors Prerequisite: 90 overall average in Spanish 1 CP.*

Spanish 3 (H, CP)

WL – SPAN 350, 310 (Grades 10, 11, 12)

1.0 Credit

This course introduces more advanced structures of Spanish grammar while furthering language acquirement/ comprehension through listening, speaking, reading and writing skills. This course also incorporates Hispanic literature, culture, and current publications. The course is conducted primarily in Spanish. *Prerequisite: 90 overall average in Spanish 2.*

Spanish 4 (H)

WL – SPAN 450 (Grades 11, 12)

1.0 Credit

This course is for the advanced student who would like to strengthen and further develop their language skills. Oral, written, and grammar study are conducted in Spanish. This focuses on meaningful contexts that develop and consolidate a student's speaking, listening, reading, writing, and cultural competencies. Students also view, research, and discuss the importance of cultural figures through short Hispanic films, Spanish texts, and current publications. This course is conducted almost entirely in Spanish. *Prerequisite: 90 overall average in Spanish 3.*



AP Spanish

WL – SPAN 480 (Grades 11, 12)

1.0 Credit

This college level course follows the standard syllabus approved by College Board. Conducted entirely in Spanish, students use two programs specifically directed toward the AP Spanish Language and Culture Curriculum guidelines. The majority of homework, quizzes, tests, and projects are completed online through Virtual High School. This is an interactive communicative approach that focuses on real communication in meaningful contexts. The course continues to develop a student's speaking, listening, reading, writing, and viewing skills as well as their cultural competencies. Students will have the option to take the AP exam which is administered in May. *Prerequisite: Approval of the Assistant Principal for Curriculum and Instruction.*



St. Joseph High School offers half-credit and full-credit summer courses to rising Sophomores, Juniors and Seniors. “Summer at St. Joes” provides unique opportunities for our students to complete a required course during the Summer Session and, thereby, engage with their SJ peers in areas of advanced or elective study during their upcoming school year.

MATHEMATICS

Geometry (H)

Credit Earned Upon Completion: 1.0

Price: \$600

Dates: August 7 – 23, 2024 (8:00am-11:30am)

Open to: Students who have successfully completed Algebra 1

Faculty Lead: Mrs. Berry, Math Department Chair rberry@sjcadets.org

Two and three-dimensional geometric figures are explored through the use of definitions, postulates and theorems. Inductive and deductive reasoning are developed in the formulation of proofs and through group activities. This course allows for students to earn credit prior to their sophomore year, allowing them to take Calculus as Seniors.

FINE ARTS

Fundamentals of Art

Credit Earned Upon Completion: .05

Price: \$300

Dates: June 17 - 28, 2024 (8:00am-10:30am)

Open to: Rising Freshmen

Faculty Lead: TBA

This course provides a general overview of the visual arts with an emphasis on design, historical significance, and artistic intent. Students work with two and three-dimensional mediums creating realistic and abstract works including pencil, pastel, marker, and paint. The hands-on work combines with text, multimedia presentations, and class discussions to help students gain an understanding of the societal importance of art.

SOCIAL STUDIES

Civics

Credit Earned Upon Completion: .50

Price: \$300

Dates: August 12 – 22, 2024 (8:00am-10:30am)

Open to: Rising Seniors

Faculty Lead: Mr. Tyrell, Social Studies Department Chair, jtyrell@sjcadets.org

This course is an intensive study of the constitutional framework, institutions, and political processes of the United States government. Students focus on the duties, rights, and responsibilities of citizenship and develop a critical understanding of the political, economic, and social challenges in governing a pluralistic society. Case studies of historical and current issues are utilized to provide students an analytical perspective on the evolution of the United States government.

TECHNOLOGY & INNOVATION

IDEA: Innovation, Design, and Engineering Applications

Credit: .50

Price: \$300

Dates: TBA (2 weeks over the summer)

Open to: Rising Freshmen

This course introduces freshmen students to technology-centered, hands-on, inquiry-based learning. Through assorted projects, students will gain the software and technical skills necessary for success in high school, college and beyond. Students will have repeated opportunities to use design mindset, learn collaboratively, practice task management, and cultivate teamwork, communication, and critical-thinking skills.



THEOLOGY

New Testament/Christology

Credit Earned Upon Completion: 1.0

Price: \$600

Dates: August 7 – 23, 2024 (8:00am-11:30am)

Open to: Rising Sophomores

Faculty Lead: Mr. Melnikov, jmelnikov@sjcadets.org.

In this course, students learn of God's revelation through an examination of the writings of the New Testament, and by studying the person, role, nature and message of Jesus Christ. Emphasis on the development of Christology from the first century to the modern age, and an exploration of the Acts of the Apostles and the Epistles illustrate the role of the early Christian community in the formation of the Church. Students learn to integrate Scripture into prayer life and moral decision-making.

Catholic Social Teachings

Credit Earned Upon Completion: .50

Price: \$300

Dates: June 17 – June 28, 2024 (8:00am-10:30am)

Open to: Rising Juniors

Faculty Lead: Mr. Melnikov, jmelnikov@sjcadets.org.

This course examines the history of Roman Catholic social teaching with an emphasis on Church Documents promulgated by Popes and Bishops. With an emphasis on the principles of Catholic social teaching using reflection, judgment, and action, topics include justice and society, the right to life, prejudice, racism, peace, work, and the environment.

Morality: Our Response to God's Love

Credit Earned Upon Completion: .05

Price: \$300

Dates: August 12 – 22, 2024 (8:00am-10:30am)

Open to: Rising Juniors

Faculty Lead: Deacon Font, Director of Campus Ministry, jfont@sjcadets.org

Recognizing the complexity of living in our current age, this semester course seeks to provide students with the tools to live out a moral life. The curriculum focuses on applying the Church's moral teachings to contemporary life, with a focus on the topics of decision-making, conscience, honesty, laws, virtues, vices, etc. Students will learn how to live out God's call and bring their unique perspective into the world to make it a better place.

WORLD LANGUAGE

Spanish 4

Credit: 1.0

Price: \$500

Dates: August 7 - 23, 2024 (8:00-11:30am)

Open to: Students who have successfully completed Spanish 3

This course is for the advanced student who would like to strengthen and further develop his or her language skills. Oral, written, and grammar study are conducted in Spanish. This intermediate-high level course focuses on meaningful contexts that develop and consolidate a student's speaking, listening, reading, writing, and cultural competencies. Students also view, research, and discuss the importance of cultural figures through short Hispanic films, Spanish texts, and current publications. This course is conducted almost entirely in Spanish.



St. Joseph High School offers Advanced Placement courses in collaboration with Virtual High School (VHS), a non-profit organization based in Massachusetts, which serves as a portal through which schools and teachers throughout the world offer online courses. Our partnership with VHS allows us to expand our AP course offerings to provide students with the most challenging and extensive academic curriculum possible taught by certified teachers in accredited schools.

VHS Coordinator:

Mr. Brian Gavin, Assistant Principal for Curriculum and Instruction
bgavin@sjcadets.org
(203) 378-9378 x 301

AP courses via VHS present a rigorous curriculum and are best suited for independent, self-motivated students. Students who are successful at taking online courses must be organized, independent learners, who can advocate for themselves when a problem arises.

Students may consider AP courses via VHS that are not currently offered at St. Joseph High School and are relevant to the student’s intended major or career path.

Eligibility

Students must apply to take a VHS course by:

- 1. Submitting an application for enrollment
- 2. Completing an interview with the Assistant Principal for Curriculum and Instruction

Approval to enroll in a VHS class will be decided by the Assistant Principal for Curriculum and Instruction.

Grading

VHS course grades are posted on student report cards, transcripts and factor into honor roll status and cumulative GPA. Note: the passing grade for VHS courses is 60, however, St. Joseph High School students must earn a 65 to earn a passing grade and credit. See the VHS information on Blackbaud for further requirements.

The Virtual High School Course Catalog

The Virtual High School offers over 200 unique courses including 23 AP® options, core courses, engaging electives, credit recovery. Courses subject to change. For a complete list and course descriptions visit VHSLearning.org/Catalog.

Advanced Placement®	Business	AP® English Language and Composition *	AP® Calculus BC *
AP® Art History *	Business and Personal Law	AP® English Literature and Composition *	AP® Statistics *
AP® Biology *	Business Math	Creative Writing	Differential Calculus
AP® Calculus AB *	Entrepreneurship	English 9 *	Essential Math for College & Careers
AP® Calculus BC *	International Business	English 10 *	Geometry *
AP® Chemistry *	Investing in the Stock Market	English 11 *	Math and Modern Logic
AP® Computer Science A *	Marketing and the Internet	English 12 *	Mathematics of Electricity
AP® Computer Science Principles *	Personal Finance	Essay Writing	Number Theory
AP® Economics *		Fantasy and Science Fiction Short Stories	Pre-Calculus *
AP® English Language and Composition *	Computer Science and Technology	Film and Literature	Pre-Calculus I: Advanced Trigonometry
AP® English Literature and Composition *	AP® Computer Science A *	Folklore and Literature of Myth, Magic and Ritual	Pre-Calculus II: Functions
AP® Environmental Science *	AP® Computer Science Principles *	Ghouls, Ghosties, and Long-Legged Beastsies	Statistics
AP® European History *	CAD	Horror Writers	Statistics Honors
AP® French Language and Culture *	Creative Programming with Scratch	Journalism in the Digital Age	Science, Life
AP® Human Geography *	Introduction to Computer Science Principles	Literature of the World	Anatomy and Physiology
AP® Music Theory *	Java Fundamentals for Science and Engineering	Mythology	Animal Behavior and Zoology
AP® Physics 1 *	Java Programming	Poetry Writing	AP® Biology *
AP® Physics C *	Programming in Visual Basic	Screenwriting Fundamentals	AP® Environmental Science *
AP® Psychology *	Video Game Design	Shakespeare in Film	Biochemistry
AP® Spanish Language and Culture *	Web Design	Twentieth Century Women Authors	Bioethics
AP® Statistics *		Young Adult Literature	Biology *
AP® United States Government and Politics *	Engineering		Biotechnology
AP® U.S. History *	CAD		Epidemics
AP® World History *	Engineering Principles		Evolution and the Nature of Science
	Java Fundamentals for Science and Engineering		Introduction to Natural Science for ESL Students
Arts	Sustainable Engineering		Genes and Disease
American Popular Music		Life Skills/Health	Preventive Medicine
AP® Art History *	English as a Second Language (ESL)	Employability Skills	Science from Space
AP® Music Theory *	American Studies *	Health	The Human Body
Art History	English Foundations	Kindergarten Apprentice Teacher	
Art History: Art of the Caribbean Islands	Introduction to Natural Science for ESL Students *	Now What Will You Do?	Science, Earth & Space
Creating Art History		Parenting in the 21 st Century	AP® Environmental Science *
History of Photography	Language Arts	Physical Education: Personal Fitness	Astronomy Principles
Music Listening and Critique	101 Ways to Write a Short Story	Preparing for College	Climate Science
Music: Fundamentals of Composition	Academic Writing	Who Do I Want to Be When I Grow Up?	Earth and Space System Science *
			Environmental Science
			Environmental Science Honors
			Meteorology
			Oceanography

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The Virtual High School Course Catalog

The Virtual High School offers over 200 unique courses including 23 AP® options, core courses, engaging electives, credit recovery. Courses subject to change. For a complete list and course descriptions visit VHSLearning.org/Catalog.

Science from Space	Who Do I Want To Be When I Grow Up?	Personal Finance Flex	Solar Energy Design
Science, Physical	World Conflict, a United Nations Introduction	US History: 1877-Present Flex	Study Skills+: Class Organization and Time Management
AP® Chemistry ★	World History: 1450-Present ★	US History: 1754-1877 Flex	Study Skills+: Organization of Information
AP® Physics 1 ★	World History: Pre-history-1500 ★	.25 Credit Courses	U.S. History: 1754-1877
AP® Physics C ★	World Religions	Study Skills+ Flex	U.S. History: 1877-Present
Biochemistry	World Language	Summer School	Your Brain: An Introduction to Neuroscience
Chemistry ★	American Sign Language 1 ★	8 Week Courses	Middle School
Forensic Science	AP® French Language and Culture ★	Algebra 1	MS Business Foundations
Nuclear Science	AP® Spanish Language ★	Algebra 2	MS Creative Writing
Physics: Mechanics	French Language and Culture	Biology	MS Engineering
Sustainable Engineering	German Language and Culture	Chemistry	MS Number Theory
Social Studies	Italian Language and Culture	English 9	MS Pre-Algebra
AP® Economics ★	Latin 1 ★	English 10	MS Science from Space
AP® European History ★	Latin 2 ★	English 11	MS The Teenage Brain
AP® Human Geography ★	Mandarin Chinese Language and Culture	English 12	MS World War II Through the Eyes of Dr. Seus
AP® Psychology ★	Portuguese 1 ★	Geometry	Science from Space
AP® U.S. Government & Politics ★	Russian Language and Culture	Pre-Calculus	
AP® U.S. History ★	Spanish 1 ★	World History: 1450-Present	
AP® World History ★	Spanish 2 ★	4 Week Courses	
American Studies ★	Spanish 3 ★	CAD Part 1	
Constitutional Law	Spanish 4 ★	CAD Part 2	
Contemporary Issues in American Law and Justice	Spanish Culture and 20 th Century Hispanic Literature	Criminology	
Criminology	Flex Credit Recovery	Cryptography: Math Behind Secret Messages	
Economics	1 Credit Courses	Digital Photography	
Modern Middle East	Algebra 1 Flex	Earth Our Changing Planet	
Peacemaking	Algebra 2 Flex	English Literary Skills: Short Stories	
Philosophy 1	Biology Flex	English Literary Skills: The Novel	
Practical Law	English 9 Flex	Government	
Psychology Honors	English 10 Flex	Health	
Psychology I	English 11 Flex	Mission to the International Space Station	
Psychology of Crime	English 12 Flex	Personal Finance	
Sociology	Geometry Flex	Physical Education: Personal Fitness Part 1	
Sports and Society	World History 1450 – Present Flex	Physical Education: Personal Fitness Part 2	
The Glory of Ancient Rome	.5 Credit Courses	Planning for College	
The Holocaust	Health Flex	Pre-Algebra/Algebra Preparation	
U.S. Government		Pre-Calculus: Functions	
U.S. History: 1754-1877			
U.S. History: 1877-Present			

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Rising Sophomore Course Selection Sheet

Student Name (First & Last): _____

Students are required to take a total of 7 credits sophomore year (6 credits of required courses & 1 credit of elective courses).

Please make each selection with an "X" as you choose your courses for next year.

Timeline:

1. February 20th, 21st, and 22nd : School Counselor Meeting

- Students will have a required meeting with their school counselor to review the placement recommendations from department chairs & choose elective courses for next year.
- Course selection sheets should be completed with ALL signatures and ready to submit to your counselor during your meeting.

English- (Choose 1.0 Credit)	Mark 'X'
CP2 American Literature (1 credit)	
CP American Literature (1 credit)	
H American Literature (1 credit)	
Approval Signature (if necessary):	

Social Studies- (Choose 1.0 Credit)	Mark 'X'
CP2 Modern World History (1 credit)	
CP Modern World History (1 credit)	
H Modern World History (1 credit)	
AP European History (1 credit)	
Approval Signature (if necessary):	

Science- (Choose 1.0 Credit)	Mark 'X'
CP2 Chemistry (1 credit)	
CP Chemistry (1 credit)	
H Chemistry (1 credit)	
Approval Signature (if necessary):	

Theology- New Testament (1 credit)	Mark 'X'
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Math- (Choose 1.0 Credit)	Mark 'X'		Mark 'X'
CP2 Geometry (1 credit)		H Algebra 2 (1 credit)	
CP Geometry (1 credit)		CP Precalculus (1 credit)	
H Geometry (1 credit)		H Precalculus (1 credit)	
CP Algebra 2 (1 credit)		Other:	

Rising Sophomore Course Selection Sheet

World Language- (Choose 1.0 Credit)	Mark 'X'		Mark 'X'		Mark 'X'
CP2 Spanish 1 (1 credit)		H Spanish 3 (1 credit)		H French 4 (1 credit)	
CP Spanish 1 (1 credit)		H Spanish 4 (1 credit)		CP Mandarin 1 (1 credit)	
CP2 Spanish 2 (1 credit)		CP French 1 (1 credit)		CP Mandarin 2 (1 credit)	
CP Spanish 2 (1 credit)		CP French 2 (1 credit)		H Mandarin 3 (1 credit)	
H Spanish 2 (1 credit)		H French 3 (1 credit)		H Mandarin 4 (1 credit)	
CP Spanish 3 (1 credit)		Italian 2 (1 credit)		Italian 3 (1 credit)	
Italian 1 (1 credit)					

Choose from Option 1 or Option 2, not both.

Option 1 (Choose 1.0 Credit)

	Mark 'X'		Mark 'X'
Instrumental Music (1 credit)		Concert Choir (1 credit)	
H Adv. Instrumental Ensemble (1 credit)		H Advanced Chamber Choir (1 credit)	
Percussion Ensemble (1 credit)		H Advanced Percussion (1 credit)	
CP Studio Art (1 credit) Requires approval from Ms. Pellegrini initial here _____		CP Media Production (1 credit)	

Option 2 -Choose 2 (.5) courses

You must select 4 options in the event your first choice fills. Please indicate your top 4 choices below, using numbers 1-4.

Fundamentals of Theater (.5 credit)		CP Principles of Business (.5 credit)	
The Art of Acting (.5 credit)		CP International Business (.5 credit)	
Fundamentals of Art (.5 credit)		CP Sports Management (.5 credit)	
Sculpture and 3D Design (.5 credit)		CP Robotics & Automated Systems Build/App Dev (.5 credit)	
Graphic Design (.5 credit)		CP Topics in Computing Applications, AI & Ethics (.5 credit)	
Medical Microbiology (.5 credit)		CP Law and Criminal Justice System (.5 credit)	
Introduction to Philosophy (.5 credit)		CP Using Social Media (.5 credit)	
		CP Innovative Project Design (.5 credit)	

***Fine Arts Requirement** - You must complete at least .5 credit of fine arts to fulfill this graduation requirement. The class of 2027 may fulfill this requirement in 10th, 11th or 12th grade.

Parent Name (printed): _____

Parent Signature: _____

2023-2024 RISING JUNIOR COURSE SELECTION SHEET

Student Name: _____

Junior students must take a total of 6 credits. This allows for a full year study hall. Please review the courses for junior year below. **Make each selection with an “x” next to the level (CP2, CP, Honors, AP) for the preferred course. For alternate courses, mark “A.”** Recommendations for courses and levels will be in BlackBaud starting on Feb 5th. **Students interested in taking a higher-level course then what was recommended will need to get a signature from the department chair.** If you are interested in taking more than 6 credits, please discuss this with your counselor during your course selection meeting. **Do not add overage credits to this form.**

Timeline:

1. February 5th - Recommendation available in BlackBaud.
2. Feb 7th - Rising Juniors Course Selection Assembly
3. Feb 7th - Feb 23rd - Rising Juniors are invited to speak with teachers, parents, and dept chairs about courses. Students should also view the Program of Studies and set up an appointment with their SC to discuss choices.
4. Feb 23rd, 26th & 27th - Rising Juniors will have pre-scheduled appointments with their SC to electronically enter the choices from this sheet. All signatures (*parents and dept chairs 'if necessary'*) should be on this sheet at the time of the appointment. The SC will keep this sheet on file.

REQUIRED COURSES (5.0 CR)

All students must choose 1 course from English, Science, Social Studies & Math. Theology is mandatory.
One additional credit must come from Science, World Language and/or other subject areas.
If a required course is not selected, a choice will be made by the Registrar or the SC.

ENGLISH (Choose 1.0 credit): total of 4.0 needed to graduate

- | | |
|--|--|
| <input type="checkbox"/> AP English Lang & Composition* (1.0 CR)
<input type="checkbox"/> H British Literature* (1.0 CR)
<input type="checkbox"/> CP British Literature (1.0 CR)
<input type="checkbox"/> CP2 British Literature (1.0 CR)
<input type="checkbox"/> H British Literature and Gothic Lit* (1.0 CR) | <input type="checkbox"/> CP British Literature and Gothic Lit (1.0 CR)
<input type="checkbox"/> H British Literature and Dystopian Lit* (1.0 CR)
<input type="checkbox"/> CP British Literature and Dystopian Lit (1.0 CR)
<input type="checkbox"/> H British Literature and Shakespeare/Poetry Lit* (1.0 CR)
<input type="checkbox"/> CP British Literature and Shakespeare/Poetry Lit (1.0 CR) |
|--|--|

Signature: _____

For advancement to a higher-level course from the recommended placement in English, a department chair signature is required

SOCIAL STUDIES (Choose 1.0 credit): total of 3.5 needed to graduate

- | | | |
|---|---|---|
| <input type="checkbox"/> AP US History * (1.0 CR) | <input type="checkbox"/> ECE/UCONN H US History* (1.0 CR) | <input type="checkbox"/> CP US History (1.0 CR) |
|---|---|---|

Signature: _____

For advancement to a higher-level course from the recommended placement in Social Studies, a department chair signature is required

SCIENCE (Choose 1.0 credit): total of 3.0 needed to graduate. Students can select another as an elective with an “E”

- | | |
|---|--|
| <input type="checkbox"/> AP Environmental Science* (1.0 CR)
<input type="checkbox"/> AP Chemistry & Lab* (1.0 CR)
<input type="checkbox"/> CP Elements of Chemistry (1.0 CR)
<input type="checkbox"/> CP Forensic Science (0.5 CR)
<input type="checkbox"/> H Modern Chemistry* (1.0 CR)
<input type="checkbox"/> H Medical Microbiology* (0.5 CR) | <input type="checkbox"/> ECE Biology & Lab (UCONN)* (1.0 CR)
<input type="checkbox"/> ECE/UCONN Advanced Physics: calculus-based* (1.0 CR)
<input type="checkbox"/> CP Physics (1.0 CR)
<input type="checkbox"/> ECE/UCONN H Physics: algebra- based* (1.0 CR)
<input type="checkbox"/> CP Anatomy & Physiology (1.0 CR)
<input type="checkbox"/> H Anatomy & Physiology* (1.0 CR)
<input type="checkbox"/> CP Sport Medicine (0.5 CR) |
|---|--|

Signature: _____

For advancement to a higher level course from the recommended placement in Science, a department chair signature is required

MATHEMATICS (Choose 1.0 credit): total of 4.0 needed to graduate

- | | |
|--|---|
| <input type="checkbox"/> CP2 Algebra 2 (1.0 CR)
<input type="checkbox"/> CP Algebra 2 (1.0 CR)
<input type="checkbox"/> H Algebra 2* (1.0 CR)
<input type="checkbox"/> AP Calculus AB* (1.0 CR) | <input type="checkbox"/> CP Pre-Calculus (1.0 CR)
<input type="checkbox"/> H Pre-Calculus* (1.0 CR)
<input type="checkbox"/> AP Pre-Calculus* (1.0 CR)
<input type="checkbox"/> H Calculus* (1.0 CR) |
|--|---|

Signature: _____

For advancement to a higher level course from the recommended placement in Math, a department chair signature is required

2023-2024 RISING JUNIOR COURSE SELECTION SHEET

THEOLOGY (1.0 CREDIT): total of 4.0 needed to graduate

WORLD LANGUAGE (Choose 1.0 credit): total of 2.0 needed to graduate. Colleges recommend 3 & highly competitive colleges may look for 4

<input type="checkbox"/> AP French (VHS)*	<input type="checkbox"/> H Italian 4*	<input type="checkbox"/> H Mandarin 4*	<input type="checkbox"/> AP Spanish*	<input type="checkbox"/> CP Spanish 3
<input type="checkbox"/> H French 4	<input type="checkbox"/> H Italian 3*	<input type="checkbox"/> H Mandarin 3*	<input type="checkbox"/> H Spanish 4*	<input type="checkbox"/> CP Spanish 2
<input type="checkbox"/> H French 3*			<input type="checkbox"/> H Spanish 3*	<input type="checkbox"/> CP2 Spanish 2
<input type="checkbox"/> CP French 2				

Signature: _____

For advancement to a higher-level course from the recommended placement in World Language, a department chair signature is required

ENGLISH & FINE ARTS

<input type="checkbox"/> CP Media Production (1.0 CR)	<input type="checkbox"/> H The Art of Acting* (0.5 CR)
<input type="checkbox"/> CP Using Social Media (0.5 CR)	<input type="checkbox"/> CP Instrumental Music* (1.0 CR)
<input type="checkbox"/> AP Art & Design* (1.0 CR) <i>(pending portfolio review)</i>	<input type="checkbox"/> CP Percussion Ensemble* (1.0 CR)
<input type="checkbox"/> CP Studio Art (1.0 CR) <i>(Portfolio or completion of Fund. of Art)</i>	<input type="checkbox"/> H Adv. Percussion Ensemble*(1.0 CR)
<input type="checkbox"/> CP Sculpture & 3D Design (0.5 CR)	<input type="checkbox"/> H Advanced Instrumental Music*(1.0 CR)
<input type="checkbox"/> CP Fundamentals of Theater (0.5 CR)	<input type="checkbox"/> H Adv. Chamber Choir* (1.0 CR)
	<input type="checkbox"/> CP Graphic Design (0.5 CR) <i>(Business CR too)</i>

SOCIAL STUDIES

AP Psychology* (1.0 CR)
 AP Economics* (1.0 CR)
 CP Psychology (0.5 CR)
 CP Economics (0.5 CR)
 ECE/UCONN International Relations* (0.5 CR)
 H Contemporary Political Philosophy* (0.5 CR)
 CP Law & Criminal Justice (0.5 CR)

MATHEMATICS

AP Statistics/UCONN ECE* (1.0 CR) *Chair approval*

THEOLOGY

Intro to Philosophy (0.5 CR)

BUSINESS

CP Accounting (0.5 CR)
 CP Financial Literacy (0.5 CR)
 CP Marketing (0.5 CR)
 CP Graphic Design (0.5 CR) *(EA CR too)*
 CP International Business (0.5 CR)
 CP Principles of Business (0.5 CR)
 CP Sport Management (0.5 CR)

TECHNOLOGY & INNOVATION

CP Robotics & Auto Systems Build/App Dev (0.5 CR)
 CP Robotics & Auto Systems 3DPrint/Code(0.5 CR)
 CP Innovative Project Design (0.5 CR)
 CP Tech Project: Create, Design, Manage... (0.5 CR)
 CP Software Design & Integration (0.5 CR)
 CP Aviation and Flight Science (0.5 CR)
 CP Computing Applications, AI, and Ethics (0.5 CR)
 CP Cybersecurity and Internet-of-Things (0.5CR)

Total Required Credits (from front page): ____ + Total Elective Credits (above): ____ = 6 credits

No selection necessary. All students take Catholic Social Teaching (0.5 CR) & Morality (0.5 CR)

ELECTIVES (Total of 1.0 CR)

Each student must meet the base requirements for graduation (26 credits) which include:

- English: 4 credits, 1 credit per year
- Mathematics: 4 credits, 1 credit per year
- Theology: 4 credits, 1 credit per year
- Social Studies: 3.5 credits (including Civics)
- Science: 3 credits
- World Language: 2 credits of the same language (3.0 recommended for colleges)
- General Electives: 5.5 credits (2.0 from 9th & 10th grade)

Speak with your SC about potential Summer Courses

Parent Signature

Date

Date Processed and school counselor initials

2023-2024 RISING SENIOR COURSE SELECTION SHEET

Student Name: _____

Seniors students must take a total of 6 credits (3.5 credits are from required courses and 2.5 are from electives). This allows for a full year study hall. Please review the courses for senior year below. **Make each selection with an “x” next to the level (CP, H, etc.) for the preferred course. For alternate courses, mark “A.”** Recommendations for courses and levels will be in BlackBaud starting on Feb 5th. **Students interested in taking a higher level course then what was recommended will need to get a signature from the department chair.** If you are interested in taking more than 6 credits, please discuss this with your counselor during your course selection meeting. **Do not add overage credits to this form.**

Timeline:

1. February 5th - Recommendation available in BlackBaud.
2. Feb 5th - Rising Seniors Course Selection Assembly
3. Feb 5th - Feb 23rd - Rising Juniors are invited to speak with teachers, parents, and dept chairs about courses. Students should also view the Program of Studies and set up an appointment with their SC to discuss choices.
4. Feb 20th, 21st & 22nd - Rising Juniors will have pre-scheduled appointments with their SC to electronically enter the choices from this sheet. All signatures (*parents and dept chairs 'if necessary'*) should be on this sheet at the time of the appointment. The SC will keep this sheet on file.

REQUIRED COURSES (3.5 Credits)

All students must choose 1 course from English, Science, Social Studies & Math. Theology is mandatory.
One additional credit must come from Science, World Language and/or other subject areas.
If a required course is not selected, a choice will be made by the Registrar or the SC.

ENGLISH (Choose 1.0 credit): total of 4.0 needed to graduate

- | | |
|---|--|
| <input type="checkbox"/> AP English Literature & Composition* (1.0 CR) | <input type="checkbox"/> CP Sr Eng: Graphic Novel & Creative Writing* (1.0 CR) |
| <input type="checkbox"/> H Sr Eng: Women in Lit and Multicultural Lit* (1.0 CR) | <input type="checkbox"/> CP Sr Eng Short Story and Lit & War (1.0 CR) |
| <input type="checkbox"/> H Sr Eng: Irish Literature and Film and Lit* (1.0 CR) | <input type="checkbox"/> CP Sr Eng: Sports Writing & Science Fiction (1.0 CR) |

Signature: _____
For advancement to a higher-level course from the recommended placement in English, a department chair signature is required

SOCIAL STUDIES (Choose 0.5 - 1.0 credit): total of 3.5 needed to graduate

- | | | |
|---|--|---|
| <input type="checkbox"/> AP US Gov & Politics* (1.0 CR) | <input type="checkbox"/> H Civics * (0.5 CR) | <input type="checkbox"/> CP Civics (0.5 CR) |
|---|--|---|

Signature: _____
For advancement to a higher-level course from the recommended placement in Social Studies, a department chair signature is required

MATHEMATICS (Choose 1.0 credit): total of 4.0 needed to graduate. Students can select another as an elective with an “E”

- | | | |
|---|--|--|
| <input type="checkbox"/> AP Calculus AB* (1.0 CR) | <input type="checkbox"/> CP Statistics (1.0 CR) | <input type="checkbox"/> CP Pre-Calculus (1.0 CR) |
| <input type="checkbox"/> H Calculus* (1.0 CR) | <input type="checkbox"/> CP Accounting (0.5 CR) (<i>w/ Fin Lit</i>) | <input type="checkbox"/> H Pre-Calculus* (1.0 CR) |
| <input type="checkbox"/> AP/UCONN Calc BC* (1.0 CR) | <input type="checkbox"/> CP Financial Lit. (0.5 CR) (<i>w/ Acct</i>) | <input type="checkbox"/> AP/UCONN Statistics* (1.0 CR) |
| <input type="checkbox"/> AP Pre-Calculus (1.0 CR) | | <input type="checkbox"/> H Statistics* (1.0 CR) |

Signature: _____
For advancement to a higher-level course from the recommended placement in Math, a department chair signature is required

THEOLOGY (Choose 1.0 credit): total of 4.0 needed to graduate. Students can select another as an elective with an “E”

- | | |
|---|---|
| <input type="checkbox"/> CP Vocations (0.5 CR) | <input type="checkbox"/> CL SHU World Religions* (0.5 CR) |
| <input type="checkbox"/> CP Prayer and Spirituality(0.5 CR) | <input type="checkbox"/> CL SHU Faith & Reason* (0.5 CR) |
| <input type="checkbox"/> CP World Religions (0.5 CR) | <input type="checkbox"/> H Bioethics * (0.5 CR) |

Signature: _____
Department chair signature required for college-level courses.

2023-2024 RISING SENIOR COURSE SELECTION SHEET

ELECTIVES (2.5 CR)				
ENGLISH & FINE ARTS				
<input type="checkbox"/> CP Media Production (1.0 CR) <input type="checkbox"/> CP Sr English: Prof. Writing (0.5 CR) <input type="checkbox"/> CP Sr English: Controversial Lit(0.5 CR) <input type="checkbox"/> CP Using Social Media (0.5 CR)	<input type="checkbox"/> AP Art & Design* (0.5 CR) (<i>portfolio</i>) <input type="checkbox"/> CP Sculpture & 3D Design (0.5 CR) <input type="checkbox"/> CP Studio Art (1.0 CR) (<i>Port/Fund. Art</i>) <input type="checkbox"/> CP Fundamentals of Theater (0.5 CR) <input type="checkbox"/> H The Art of Acting* (0.5 CR)	<input type="checkbox"/> CP Instrumental Music* (1.0 CR) <input type="checkbox"/> CP Percussion Ensemble* (1.0 CR) <input type="checkbox"/> H Adv. Percussion Ensemble*(1.0 CR) <input type="checkbox"/> H Adv. Instrumental Music*(1.0 CR) <input type="checkbox"/> H Adv. Chamber Choir* (1.0 CR)		
SOCIAL STUDIES		THEOLOGY		
<input type="checkbox"/> AP Psychology* (1.0 CR) <input type="checkbox"/> AP Economics* (1.0 CR) <input type="checkbox"/> CP Intro to Psychology (0.5 CR) <input type="checkbox"/> CP Intro to Economics (0.5 CR) <input type="checkbox"/> ECE/UCONN International Relations* (0.5 CR) <input type="checkbox"/> H Contemporary Political Philosophy* (0.5 CR) <input type="checkbox"/> CP Law & Criminal Justice (0.5 CR)	<input type="checkbox"/> Intro to Philosophy (0.5 CR)			
SCIENCE: *AP or Honor courses will require a signature from dept chair				
<input type="checkbox"/> AP Environmental Science* (1.0 CR) <input type="checkbox"/> ECE/UCONN Biology & Lab* (1.0 CR) <input type="checkbox"/> AP Chemistry & Lab* (1.0 CR) <input type="checkbox"/> ECE/UCONN Adv. Physics calculus-based* (1.0 CR)	<input type="checkbox"/> CP Physics (1.0 CR) <input type="checkbox"/> ECE/UCONN Honors Physics algebra-based* (1.0 CR) <input type="checkbox"/> CP Forensic Science (0.5 CR) <input type="checkbox"/> CP Sports Medicine (0.5 CR)	<input type="checkbox"/> H Medical Microbiology* (0.5 CR) <input type="checkbox"/> CP Environmental Science (0.5 CR) <input type="checkbox"/> H Anatomy & Physiology* (1.0 CR) <input type="checkbox"/> CP Anatomy & Physiology (1.0 CR)		
TECHNOLOGY & INNOVATION				
<input type="checkbox"/> CP Robotics & Automated Systems Build/App Dev (0.5 CR) <input type="checkbox"/> CP Robotics & Automated Systems 3DPrint/Code(0.5 CR) <input type="checkbox"/> CP Innovative Project Design (0.5 CR) <input type="checkbox"/> CP Tech Project: Create, Design, Manage, Build (0.5 CR) <input type="checkbox"/> CP Software Design & Integration (0.5 CR)	<input type="checkbox"/> CP Aviation and Flight Science (0.5 CR) <input type="checkbox"/> CP Drone Technology & Engineering (0.5 CR) <input type="checkbox"/> CP Cybersecurity and Internet-of-Things (0.5CR) <input type="checkbox"/> CP Capstone Experience in Tech & Innovation (0.5CR) <input type="checkbox"/> CP Computing Applications, AI, and Ethics (0.5 CR)			
BUSINESS				
<input type="checkbox"/> CP Accounting (0.5 CR) <input type="checkbox"/> CP Financial Literacy (0.5 CR) <input type="checkbox"/> CP Marketing (0.5 CR) <input type="checkbox"/> CP Graphic Design (0.5 CR) (<i>Fine Arts CR too</i>)		<input type="checkbox"/> CL Exploring Entrepreneurship* (0.5 CR) <i>Fall only</i> <input type="checkbox"/> CP International Business (0.5 CR) <input type="checkbox"/> CP Sport Management (0.5 CR)		
WORLD LANGUAGE (all courses are 1.0 CR)				
<input type="checkbox"/> AP French (VHS)* <input type="checkbox"/> H French 4 <input type="checkbox"/> H French 3* <input type="checkbox"/> CP French 2	<input type="checkbox"/> H Italian 4* <input type="checkbox"/> H Italian 3*	<input type="checkbox"/> H Mandarin 4* <input type="checkbox"/> H Mandarin 3*	<input type="checkbox"/> AP Spanish* <input type="checkbox"/> H Spanish 4* <input type="checkbox"/> H Spanish 3*	<input type="checkbox"/> CP Spanish 3 <input type="checkbox"/> CP Spanish 2 <input type="checkbox"/> CP2 Spanish 2
Total Required Credits (from front page): _____ + Total Elective Credits (above): _____ = 6 credits				

Each student must meet the base requirements for graduation (26 credits) which include:

- English: 4 credits, 1 credit per year
- Mathematics: 4 credits, 1 credit per year
- Theology: 4 credits, 1 credit per year
- Social Studies: 3.5 credits (including *Civics*)
- Science: 3 credits
- World Language: 2 credits of the same language (*3.0 recommended for colleges*)
- General Electives: 5.5 credits (*2.0 from 9th & 10th grade*)

Speak with your SC about potential Summer Courses

Parent Signature

Date

Date Processed and school counselor initials