

INTRODUCTION

Planning your schedule for your years at St. Joseph Academy requires a self-appraisal as to interests, goals, and capabilities. The outline of graduation requirements with the descriptions of all courses offered is designed to help you chart a course through high school so you can be prepared for your next step after graduation.

In this course description catalog you will find a listing, by academic departments, of all courses offered at St. Joseph Academy, a description of those courses, and the requirements, prerequisites, and credits offered for all courses. *The Administration of St. Joseph Academy reserves the right to make appropriate changes in curriculum as student needs are addressed.*

When selecting courses you should discuss the possibilities with your parents, teachers, and guidance counselor. Remember, the faculty and staff of St. Joseph Academy are always ready to assist you in planning your future.

GRADUATION REQUIREMENTS

Plans for meeting graduation requirements should be developed by using the information contained within this guide and the guidance counselor as resources. It is the responsibility of each parent and student to be familiar with these requirements. It is the policy of the Diocese of St. Augustine that a student must successfully complete all courses attempted during his/her secondary program in order to graduate from a diocesan secondary school.

DEFINITION OF TERMS

Required Subjects: Those subjects which all students must successfully complete in order to graduate.

Electives: Subjects chosen to fit individual interests or needs.

Prerequisite: A course/requirement that must be taken or met before the requested course may be scheduled.

Corequisite: A course/requirement that must be taken at the same time as the requested course if not already taken.

Performing Fine Arts Courses: Courses designed to provide experiences in any of the fine arts.

CLASSIFICATION OF STUDENTS

9th Grade Student – one who has been promoted or assigned from 8th grade.

10th Grade Student – one who has earned a minimum of 7 credits above the 8th grade.

11th Grade Student – one who has earned a minimum of 14 credits above the 8th grade.

12th Grade Student – one who has earned a minimum of 21 credits above the 8th grade.

CLASSIFICATION OF ACHIEVEMENT LEVELS

Some courses at St. Joseph Academy provide for different rates and means of progressing toward the achievement of educational goals. A multi-level structure has been established for these differences and for more individualized instruction. Placement of a student is based on his/her academic record, achievement test scores, teacher recommendation, and the student's classroom behavior. **Teacher recommendations for selected courses are determined by third quarter academic averages and conduct appraisals. In consultation with the principal, teachers retain the right to rescind recommendations after fourth quarter completion.**

Standard – Content is designed for students who have achieved an average level of competency in that subject area.

Honors – Content is designed for high achieving students who are motivated to take on more academically challenging classes in preparation for college and college admission tests. Students in these classes should expect to have a significantly greater amount of homework than students in standard classes. Students in honors classes must maintain a minimum of a C average and excellent conduct.

Advanced Placement – This is a nationally standardized program of college-level course work, which affords students the opportunity to apply for college credit based on the score received on the required AP examination given in May. The AP examination fee assessed by the College Board is the responsibility of the student. All AP students must take the AP course exam(s) in May and are expected to be aware of the test date(s) and be present for the test. Students may check the test date periodically for changes by going to the College Board website at apcentral.collegeboard.com.

Dual Enrollment – Created by the Florida Legislature, the program is an acceleration mechanism for selected high school students who intend to pursue higher education upon high school graduation. Dual Enrollment Program classes are incorporated into the regular high school schedule. This provides the opportunity for students to receive college credit from SJRSC upon successful completion of the course. These credits have guaranteed applicability toward degree requirements within Florida's Community College System and Florida's State University System. All classes are taught by college certified faculty. Because all tuition and fees are waived, the program provides an excellent opportunity for students to earn college credit at no cost while meeting high school graduation requirements.

To be eligible for the Dual Enrollment Program, St. Joseph Academy students must meet SJA placement criteria and the following minimum state requirements:

1. Be classified as a junior or senior.
2. Have a minimum unweighted GPA of 3.0 overall and have met honors criteria in the subject of the desired dual credit.
3. Provide acceptable results from ACT/SAT or CPT.
4. Be a degree seeking student at SJRSC. (Required status for tuition waiver for D.E. course.)

Florida Virtual School Courses – Additional limited courses may be available through the Florida Virtual School. This is an on-line educational opportunity created by the Department of Education. All students must be approved by the teacher, the Director of Guidance and the Principal as well as having parental consent to take a course. Courses that are approved are courses not offered at St. Joseph Academy or if there is an academic conflict in the student's schedule that cannot be resolved and that could affect graduation.

Four-Year Educational Plan for Graduating St. Joseph Academy Students

All students need 28 credits to graduate and must pass all courses attempted.

Diocesan School Requirements: Total of 4.0 credits

4.0 Credits in Theology: Students must take theology each year they attend SJA.

- Theology 9
- Theology 10
- Theology 11 (Peer Ministry)
- Theology 12 (Peer Ministry)

SJA Core Requirements: Total of 20.0 credits

4.0 Credits in English: Courses must include a concentration in composition and literature.

- English 9 (Honors)
- English 10 (Honors)
- English 11 (Honors/D.E. English Language)
- English 12 (D.E. Intro. Lit/Creative Writing)

4.0 Credits in mathematics: Courses must include Geometry and Algebra II. Examples of sequential curriculums include:

- Algebra I (Honors)
- Geometry (Honors)
- Algebra II (Honors)
- Advanced Math Topics/Pre-Calculus Honors (competitive universities recommended)

- Geometry Honors
- Algebra II-Honors
- Pre-Calculus Honors
- AP Calculus-AB
- AP Statistics

4.0 Credits in science: Courses must include biology and chemistry. Physics is highly recommended.

- Environmental Science (freshmen only)
- Biology (Honors)
- Chemistry (Honors)
- Physics (Honors) and/or Marine Science (Honors) and/or Anatomy/Physiology Honors/ AP Biology and/or DE Marine Science/DE Env. Science

3.0 Credits in social studies: Courses must include American History, World History, Economics and American Government.

- World History (AP)
- American History (D.E. US History I/II)
- Economics (Honors)/American Government (Honors)

2.0 Credits in the same foreign language:

- American Sign Language (ASL) I and ASL II
- Spanish I and Spanish II (Honors)

(At least one or two additional years of the same foreign language is recommended by competitive colleges.)

1.0 Credit in performing arts:

- One Year of Freshmen Drawing I or
- One year of Drama I or
- One year of Drawing and Painting I (10-12) or
- One year of Pottery I

1.0 Credit HOPE Health Opportunities Through Physical Education: (Life Management Skills/Personal Fitness)

5 Additional credits

MINIMUM ADMISSION STANDARDS TO THE STATE UNIVERSITY SYSTEM

Students applying to any of the ten universities in the Florida State University System must submit the following: an application for admission, a non-refundable application fee, an official high school transcript, and SAT or ACT scores. Many state universities now also require a personal essay. The minimum high school unit requirements as of September 2011 are as follows:

<u>Course</u>	<u>Credits</u>	<u>Course Requirements</u>
English	4.0	
Math	4.0	Courses must be at the Algebra I level and above.
Science	3.0	Three courses must include substantial lab requirements. Competitive universities prefer 4 science credits which include biology, chemistry, and physics. The 4th credit is considered one of the academic electives.
Social Science	3.0	Includes American History, World History, Government, and Economics.
For. Lang	2.0	Two successive credits in the same language. Competitive universities prefer 3 and often 4 successive credits of the same foreign language. The 3rd and 4th years are considered as academic electives.
Electives	3.0	Students must choose four electives in either academic subject areas or the performing and fine arts. Competitive universities prefer academic electives.
Total:	19.0	

Satisfaction of minimum standards will not guarantee a student's acceptance. The selection process may include such factors as grades, test scores, community service, pattern of courses completed, class rank, past conduct, educational objectives, activities, awards, school and personal recommendations, and personal essays.

The state universities assign one-half quality point to honors and one full quality point to dual enrollment and AP courses. Students must check the admissions requirements for each of the state universities. The unit requirements and test scores are merely minimum and each member institution of the state university system has the option of adopting rules increasing these minimum standards of eligibility for admission. Preference for admission in any term will be given to those applicants whose credentials indicate the greatest promise of academic success. A personal visit to our high school guidance office is recommended for further clarification.

WEIGHTED GPA POLICY

Students enrolled in the Honors, Dual Enrollment, and Advanced Placement classes will receive an additional quality point in which they receive A, B or C. This is included in the calculation of a weighted grade point average (GPA) used to determine class rank status for seniors.

EIGHTH GRADE HIGH SCHOOL CREDIT POLICY

Students entering ninth grade who have attended middle/grade schools offering high school credit in Algebra I and/or the first year of a foreign language, have the option of having these credits transferred. The grades are not transferred and will not be computed into the grade point average or class rank. Documentation of the successful completion of each course is the responsibility of the student. This must be done prior to class enrollment. An official transcript showing credit earned and grade assigned must be presented to the Guidance Department of St. Joseph Academy.

SCHEDULE CHANGES

Failure in a course is not grounds for a schedule change. A course selected, even though not required to meet graduation requirements, may not be dropped during the academic year. Conflicts in course selections often occur and are to be expected. Any problems with course selections will be resolved by the counselor before the academic year. Changes in course selections will not be made after that time unless one of the following unusual circumstances occurs:

1. The course selection contains a course already taken and credit assigned.
2. Prerequisites for a course have been met in summer school.
3. A course is necessary to graduate.
4. A course is necessary to complete the college-bound curriculum requirements.
5. Less than seven (7) courses were selected.
6. A course requested is unavailable
7. A level change is recommended by the course instructor, administration, or the guidance counselor.

All reasonable attempts will be made to give students their elective preferences, but changes will not be made to academic courses to accommodate elective preferences.

SUMMER SCHOOL

Summer school may be approved/taken from an accredited school on an individual basis with proper approval from the guidance counselor. A course in which a "D" or "F" has been earned may be repeated. Upon receipt of the official transcript, the new grade will be averaged with the previous grade earned. The recalculated grade will be entered onto the student's transcript, and the grade point average (GPA) will be recalculated.

**HONORS, ADVANCED PLACEMENT AND DUAL ENROLLMENT
PLACEMENT COURSE CRITERIA
2012-2013**

Movement from REGULAR to HONORS/AP/DE

- 95+ overall average in previous course at end of 3rd quarter
- Unweighted GPA 3.5 (cumulative)
- Teacher/administrative academic and behavior recommendation

Movement from HONORS to HONORS/AP/DE

- 85+ overall average in previous course at end of 3rd quarter
- Unweighted GPA 3.0 (cumulative)
- Teacher/administrative academic and behavior recommendation
- All requests for honor, AP and DE courses are subject to review of the student's overall cumulative average and disciplinary record.

WAIVERS

Standards for placement in Dual Enrollment courses are set by the college and, therefore, NOT subject to waiver requests.

Students who have not completed the prerequisite courses, overall cumulative average or whose conduct may be an issue are ineligible for a waiver.

Procedure for students enrolling in HONORS/AP who have NOT met the above requirement criteria:

- Guidance Counselor meets with student at end of 3rd quarter.
- Guidance Counselor consults teacher for academic and conduct concerns.
- Students signs waiver and parent signs waiver that states:
 1. SJA does not recommend Honors/AP level.
 2. There will be no teacher change.
 3. There will be no schedule change.
 4. Waivers are not rescinded. In the event of extraordinary circumstances, administration approval will be required.

COURSE DESCRIPTIONS

FINE ARTS

Drama I

1 credit
610/0400310

Prerequisite: None

Drama I will contain an overview of the study of theatre, theatre vocabulary, technical theatre skills, acting, costume design and play production. Students will present one production during the school year along with spotlight monologues, duet and ensemble scenes. Students electing drama are required to participate in all drama class productions.

One year (2 semesters) Grades 10 – 12

Drama II, III

1 credit
612/0400320
613/0400330

Prerequisites: Drama I, II and teacher recommendation.

Drama II and III will build on the study of theatre, theatre vocabulary, acting, costume design, technical theatre and play production. Students will learn about the administrative responsibilities of producing, directing and designing a play. Students will also learn about theatre history. Students will present one production during the school year along with spotlight monologues, duet and ensemble scenes. Drama II and III students will be expected to take more responsibility for play production than Drama I students. Students electing drama are required to participate in all drama class productions.

One year (2 semesters) Grades 11 – 12

Drama IV

1 credit
614/0400340

Prerequisites: Drama III and teacher recommendation.

Drama IV is designed for the advanced student. The course will teach directing and production techniques. The student will test his/her skill by producing and directing a short one act play to be performed before an audience. Contemporary theatre and advanced acting techniques are also part of this course along with theatre technology. Students electing drama are required to participate in all drama class productions.

One year (2 semesters) Grade 12

Drawing I/Freshmen

1 credit
628/0104340
Art Fee Required

Prerequisite: None

Drawing I students will develop basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas and concepts using knowledge of drawing media, processes and techniques.

One year (2 semesters) Grade 9 only

Drawing/Painting I

1 credit

602/0104320

Art Fee Required

Prerequisite: None

Drawing/Painting students will achieve a working knowledge of basic techniques in design, perspective, figure-drawing, composition, color theory, acrylic and temper painting, matting, and the understanding of art tools, pen and ink, pencil, and charcoal. Students will be challenged to create original art and be expected to explore basic techniques to their fullest, through the use of art elements and art principles.

One year (2 semesters) Grades 10 – 12

Drawing/Painting II

1 credit

603/0104330

Art Fee Required

Prerequisites: Drawing/Painting I and teacher recommendation.

Drawing/Painting II students will concentrate on developing skills, style, and technique to their fullest. Students will be challenged to create original art and be expected to explore basic techniques through the use of art elements and art principles. Students must maintain a B average in order to be allowed to advance to the next level.

One year (2 semesters) Grades 10 – 12

Special requirement for Portfolio students: Work must have begun by spring of the term preceding the scheduling of Portfolio class, two (2) works of art must be completed and given to the art teacher at the beginning of the fall semester of the Portfolio class.

Portfolio

1 credit

604/0109310

Art Fee Required

Prerequisites: Two years of art and teacher recommendation.

An advanced level art course for students who wish to create a portfolio suitable for job interviews/college placement. The student will either concentrate on one or two media throughout the year or have specific college requirements in mind and work towards building those skills. Advancement to AP level requires an A average and/or consent of the instructor.

One year (2 semesters) Grades 11 – 12

AP Portfolio-Studio Art

1 credit

AP Two-Dimensional Design

Portfolio

605/0109300

AP Three-Dimensional Design

Portfolio

609/0111300

Art Fees Required

Prerequisites: SJA Placement Criteria, two credits in previous art courses and teacher recommendation.

These courses provide students with college level art experiences leading to the completion of a portfolio suitable for scholarship and job entry competition. These individually designed programs allow the student to prepare a portfolio for presentation and evaluation in quality, concentration, and breadth to the College Board for grading with the possibility of acquiring college credit. All AP Art students must prepare the AP Arts Portfolios in May. AP students are expected to be aware of and present for the date that their work needs to be submitted. Students may check the test date periodically for changes by going to the College Board website. Students must submit online the portfolio of actual works as digital images as required by College Board. The Portfolio will be part of the final exam.

One year (2 semesters) Grade 12

Pottery I

1 credit

606/0102300

Art Fee Required

Prerequisite: None

Students will create pinch pots, coil pots, and slab pots, as well as demonstrate hand building and sculpture. Students will create and explore, through basic techniques, an understanding of the clay body and have a working knowledge of making clay, wedging, creating, glazing, bisque and glaze firings, kiln loading and operating. The use of design principles and elements will be incorporated into all pottery work. One year (2 semesters) Grades 10 – 12

Pottery II

1 credit

607/0102310

Art Fee Required

Prerequisites: Pottery I and teacher recommendation.

A continuation of Pottery I in which basic techniques (primarily wheel) will be used to explore originality in the design of pottery. One year (2 semesters) Grades 10 – 12

Pottery III

1 credit

608/0102320

Art Fee Required

Prerequisites: Pottery II and teacher recommendation.

An advanced level pottery course in which experimentation and advanced techniques are emphasized. Wheel and hand built methods will be used in conjunction to produce original designs. One year (2 semesters) Grades 11 – 12

ST. JOSEPH ACADEMY RESERVES THE RIGHT TO RETAIN ANY STUDENT ART WORK.

FOREIGN LANGUAGES

Sign Language (Beginners) American Sign Language I

1 credit
511/0717300

Prerequisite: None

This course is designed to allow students to communicate effectively through manual signing. The course content includes understanding of deaf heritage, deaf culture, and the cause of deafness.
One year (2 semesters) Grades 9 – 12

Sign Language (Intermediate) American Sign Language II

1 credit
512/0717310

Prerequisite: American Sign Language I.

This course is a continuation of American Sign Language I. Students will gain fluency in the use of signing. Students will begin to Translate from the written proper English to Sign.
One year (2 semesters) Grades 10 – 12

Sign Language (Advanced) American Sign Language III

1 credit
531/071732

Prerequisite: American Sign Language II and teacher recommendation.

This course is a continuation of American Sign Language I and II. Students will gain fluency in the use of signing. They will begin to interpret the Mass and continue with translation from American Sign Language to proper English and visa versa.
One year (2 semesters) Grades 11 – 12

Sign Language (Advanced) Am Sign Language IV Honors

1 credit
541/0717314

Prerequisites: SJA placement criteria and teacher recommendation.

This course is designed to allow students the opportunity to enhance their ASL skills through vocabulary, songs, and translations. The students will study federal, state and local laws, the role of an interpreter and the Code of Ethics for Interpreters.
One year (2 semesters) Grades 11 – 12

Spanish I

1 credit
551/0708340

Prerequisite: None

The purpose of this course is to introduce students to the Spanish language and culture. The course includes beginning skills in listening and speaking. Pronunciation is stressed along with vocabulary development. The course includes the fundamentals of grammar and an introduction to reading and writing.
One year (2 semesters) Grades 9 – 12

Spanish II

1 credit
552/0708350

Prerequisite: Spanish I.

The purpose of this course is to reinforce the fundamental skills acquired by students in Spanish I. The course develops increased listening, speaking, reading, and writing skills at the intermediate level. A wide range of cultural topics will be presented.
One year (2 semesters) Grades 9 – 12

Spanish II
Preinternational Baccalaureate

1 credit
553/0708810

***Prerequisites:* SJA Placement Criteria and teacher recommendation. Freshmen: Enrollment in Spanish II Preinternational Baccalaureate only with prerequisite official transcript showing high school Spanish I credit or placement of heritage students/native speakers based on a score of 85% or above on the St. Joseph Academy Spanish Placement Test.**

The purpose of this course is to expand previously acquired skills. The content will include, but not be limited to, the following: 1.) Expansion of vocabulary and conversational skills through discussions based on readings; 2.) Strengthening of grammar skills through analysis of reading selections; 3.) Acquisition of vocabulary relevant to everyday life of Spanish-speaking people.

One year (2 semesters) Grades 9 – 12

Spanish III

1 credit
565/0708360

***Prerequisite:* Spanish II.**

The purpose of this course is to expand the skills acquired by students in Spanish II. The course develops increased listening, speaking, reading and writing skills and expands the student's familiarity with Hispanic cultures.

One year (2 semesters) Grades 10-12

Spanish III
Preinternational Baccalaureate

1 credit
554/0708820

***Prerequisites:* SJA Placement Criteria, Spanish II and teacher recommendation.**

The purpose of this course is to expand previously acquired skills. The content will include, but not be limited to, the following: 1.) Advanced language structures; 2.) Idiomatic expressions with emphasis on conversational skills; 3.) Vocabulary for practical purposes, including writing; 4.) A variety of reading selections.

One year (2 semesters) Grades 9 – 12

Advanced Placement Spanish
Language

1 credit
557/0708400

***Prerequisites:* SJA Placement Criteria and teacher recommendation. Completion of an independent student summer is required. It is assumed that students are in the final stages of their secondary school Spanish training in the four basic skills, i.e., listening comprehension, speaking, reading and writing. Students should have attained a reasonable proficiency in all of these areas.**

This course is intended for qualified students who wish to complete studies in secondary school comparable in difficulty and content to such third-year college courses as Spanish Conversation and Composition. Additional class time outside of the regularly scheduled school day may be required. This course may be offered as an independent study. Testing fees assessed by the College Board will be charged to the student's account. All AP Spanish Language students must take the AP Language examination given in May. AP Spanish students are expected to be aware of the test date and be present for the test.

Students may check the test date periodically for changes by going to the College Board website at apcentral.collegeboard.com. Testing fees assessed by the College Board will be charged to the student's account.

One year (2 semesters) Grades 11 – 12

**Advanced Placement
Spanish Literature**

1 credit

558/0708410

***Prerequisites:* SJA Placement Criteria, teacher recommendation and the successful completion of Dual Enrollement Spanish and AP Spanish Language. Also required is the completion of an independent study summer reading program designed to introduce the student to the works of selected authors.**

This course is based on the works of a variety of authors from different historical periods and is comparable to a college level Survey of Hispanic Literature course. Students should be able to read the works entirely in Spanish. All AP Spanish Literature students must take the AP Literature examination given in May. AP Spanish students are expected to be aware of the test date and be present for the test. Students may check the test date periodically for changes by going to the College Board website at apcentral.collegeboard.com. Testing fees assessed by the College Board will be charged to the student's account.

One year (2 semesters) Grades 11 – 12

Spanish IV/Dual Enrollment

SPN 1120

SPN 1121

Please see Dual Enrollment Section, p. 32

LANGUAGE ARTS

English I

1 credit
211/1001310

Prerequisite: None

Standard English I involves the introduction of literary genres utilizing American and World Literature, instruction in oral and written skills, and the study of grammar. The course is designed to reinforce and build upon the skills learned in elementary/middle school, as well as to prepare students for the level of academics found in high school. Study skills, spelling, vocabulary, basic grammar, basic composition, and public speaking are all incorporated into the course, along with the analysis of literature. Grade - appropriate outside reading is required in every English course. Eight papers, including a research paper, are required. Students will initiate and maintain portfolios intended to assist them in improving their writing abilities. All portfolios are retained and passed on to the senior year.

One year (2 semesters) Grade 9

Pre-AP/Honors English I

1 credit
212/1001320

Prerequisites: An "A" average in eighth grade English and 90th percentile or above on Explore English test.

Honors English I involves the study of World Literature, instruction in oral and written skills, and SAT and literature based vocabulary. Skills learned in grammar school are built upon, and supplemented with introduction to deeper analysis of literature and writing analytical papers. The Pre-AP focus of this course includes understanding how literary elements lend meaning to texts, identifying the author's attitude and purpose through examining the effects of word choice, tracing the development of a theme in a work of literature, and describing the structure of a piece of writing. Grade - appropriate outside reading is required in all English courses. Speeches, group projects, oral reports, creative writing, and research writing are all part of the honors curriculum. Ten papers, including a research paper, are required, and additional reading outside of class is mandatory. Students will initiate and maintain portfolios intended to assist them in improving their writing abilities.

One year (2 semesters) Grade 9

English II

1 credit
221/1001340

Prerequisite: English I

A survey of selections from various genres in World Literature provides the basis for reading instruction and knowledge of SAT and literature based vocabulary. Composition instruction and practice include all phases of the writing process (prewriting, drafting, revising). The study of language includes grammar, mechanics, usage, and other conventions of standard written English. Grade - appropriate outside reading is required in all English courses. Speech instruction will include analysis of effective techniques in oral presentations. Eight papers, including a research paper, are required. Students will initiate and maintain portfolios intended to assist them in improving their writing abilities.

One year (2 semesters) Grade 10

Pre-AP/Honors English II

1 credit

222/1001350

Prerequisites: SJA Placement Criteria, credit in English I and teacher recommendation.

This course includes an introduction to the universal themes found in World Literature, as well as the critical analysis of various genres as preparation for AP Language and Composition. Composition instruction will emphasize the creative, logical, and critical aspects of the writing process. Frequent practice will be provided in utilizing all aspects of composition, including prewriting, drafting, and revising. The study of language includes grammar, mechanics, usage, and other conventions of standard written English. The Pre-AP focus of this course includes describing the writing style of a given author, recognizing symbols and explaining their level of meaning, identifying the point of view of the writer, and evaluating a piece of writing by logical criteria. Grade - appropriate outside reading is required in all English courses. Critical skills in listening and observing also will be taught. Ten papers, including a research paper, are required, and additional reading outside of class is mandatory. Students will initiate and maintain portfolios intended to assist them in improving their writing abilities.

One year (2 semesters) Grade 10

English III

1 credit

231/1001370

Prerequisite: English II

Standard English III involves the chronological study of American Literature, instruction in oral and written skills, and the study of grammar and SAT and literature based vocabulary. The course is aimed at reinforcing the skills of reading comprehension, standard English usage, concise writing, and public speaking. Grade - appropriate outside reading is required in all English courses. Eight papers, including a research paper, are required. Students will initiate and maintain portfolios intended to assist them in improving their writing abilities.

One year (2 semesters) Grade 11

English III Honors

1 credit

232/1001380

Prerequisites: SJA Placement Criteria, English II and teacher recommendation.

Honors English III is the study of American Literature stressing the diversity and uniqueness of the American character and experience from pre-colonial times to modern day. Composition instruction will explore the themes of transcendentalism, romanticism and regionalism. The study of language includes the mechanics, usage and critical analysis of the works. Figurative language will be studied including the completion of the SAT, Level G workbook. Ten papers, including a research paper are required as well as additional American Literature outside reading essays. Students will initiate and maintain portfolios intended to assist them in improving their writing abilities.

One year (2 semesters) Grade 11

English IV

1 credit
241/1001400

Prerequisite: English III

This course involves a chronological study of the major British authors from Chaucer to the middle of the twenty-first century. Career planning and resume writing, as well as public speaking, are emphasized. Oral reports and interview techniques are included. Grade - appropriate outside reading is required in all English courses. Ten papers, including a research paper, are required, and oral presentations are mandatory. Students will initiate and maintain portfolios intended to assist them in improving their writing abilities. This course exposes students to college-level English curriculum.
One year (2 semesters) Grade 12

English III
Dual Enrollment

ENC 1101
ENC 1102

Please see Dual Enrollment Section, p. 32

English IV
Dual Enrollment

LIT 2000
CRW 2001

Please see Dual Enrollment Section, p. 32-33

Media I

1 credit
207/1006340

Prerequisite: English Teacher Recommendation.

Media I students are responsible for designing and producing St. Joseph Academy's yearbook, including page design, theme development, copy writing, photography, and editing. Additionally, students are introduced to various publication media, including newspaper, magazine, film, and television. It is a workshop style class, designed for self motivated, mature students.
One year (2 semesters) Grades 11 – 12

Media II

1 credit
208/1006350

Prerequisites: Media I and English Teacher Recommendation.

This course offers students the opportunity to develop and refine skills learned in Media I. In addition, students are responsible for the leadership positions within the class, with opportunities for developing communication, organizational, and management skills.
One year (2 semesters) Grades 11 – 12

MATHEMATICS

Pre-Algebra

1 credit
310/1200300

Prerequisite: None. Placement is dependent on SJA Explore test scores and math department recommendation.

This course is designed for students who need additional strength in mathematics. Skills and topics necessary to successfully complete the first semester of Algebra I will be emphasized. Scientific (non-graphing) calculators may be used at the teacher's discretion. This course does not count toward SUS math requirements.

One year (2 semesters) Grade 9

Algebra I

1 credit
311/1200310

Prerequisite for Sophomores: Pre-Algebra.

Prerequisite for incoming Freshmen: 65th percentile or above on Explore Math test.

This course stresses the complex use of arithmetic skills. Topics include operations with rational numbers, number and set theory, percent, integers, equations, and inequalities. An integrated sequence of geometric topics is included in second semester. Scientific (non-graphing) calculators may be used at the teacher's discretion.

One year (2 semesters) Grade 9 – 10

Honors Algebra I

1 credit
312/1200320

Prerequisites: Sophomores: SJA Placement Criteria and teacher recommendation. Freshmen: 90th percentile or above on Explore Math Test (Note: Students who have credit for Algebra I in the 8th grade may opt not to accept that credit and take Algebra I Honors for credit in the 9th Grade.)

The purpose of this course is to include all the aspects of the basic algebra course, plus the basic concepts of logic, probability, statistics, and high school geometry up to, but not including, formal proofs. The Honors Program also includes the study of Real Numbers, and Quadratic Equations. Scientific (non-graphing) calculators may be used at the teacher's discretion.

One year (2 semesters) Grades 9 – 10

Geometry

1 credit
321/120631

Prerequisite: Algebra I

The purpose of this course is to emphasize critical thinking involving the discovery of relationships and their proofs, and skills in applying the deductive methods of mathematical situations. Topics shall include, but not be limited to: logic and reasoning, similarity, congruence, geometric inequalities, polygons and circles; area, volume, and constructions. Scientific or graphing calculators may be used at the teacher's discretion.

One year (2 semesters) Grades 10 – 11

Honors Geometry

1 credit
322/1206320

***Prerequisites:* SJA Placement Criteria and teacher recommendation. (Note: Entering Freshmen with 8th grade credit for Algebra I and 95th percentile or above on Explore Math Test may opt to take this course with administrative approval)**

The purpose of this course is to give a rigorous in-depth study of geometry with emphasis on methods of proofs and the formal language of mathematics. Topics shall include, but not be limited to: structure of geometry; separation properties; angle concepts; triangles, quadrilaterals; proofs; perpendicularity and parallelism in a plane and in space; similar polygons, circles and spheres; constructions; area and volume; coordinate geometry, topology, and transformational geometry. Scientific or graphing calculators may be used at the teacher's discretion.

One year (2 semesters) Grades 9 – 11

Algebra II

1 credit
331/1200330

***Prerequisites:* Algebra I and Geometry.**

A continuation of the study of the structure of Algebra with emphasis on building the foundation on the application of these skills. Topics shall include review of the structure of the real number system; relations, functions and graphs; systems of equations and inequalities; polynomial functions; rational and irrational exponents, logarithms and complex numbers. Graphing calculators are required and are used at the teacher's discretion.

One year (2 semesters) Grades 10 – 12

Honors Algebra II

1 credit
332/1200340

***Prerequisites:* SJA Placement Criteria, Algebra I and Geometry and teacher recommendation.**

This course is an extension and enhancement of the concepts covered in Algebra I. Emphasis is placed on the underlying structure of the number system and the basic axioms and theorems of algebra. Topics include systems of linear and quadratic equations and inequalities; matrix algebra; polynomial, rational, radical, exponential, and logarithmic functions; sequences and series; conic sections; permutations, combinations, and probability; and complex numbers. Trigonometry may be introduced. Emphasis is placed on skills enhancement and problem solving. The use of graphing calculators is introduced and integrated into the curriculum.

One year (2 semesters) Grades 10 – 12

Advanced Topics in Mathematics

1 credit
351/1298310

***Prerequisites:* Credit in Algebra I, Geometry, Algebra II, and teacher recommendation. This course is not open to students with credit in Honors Pre-Calculus.**

This course is designed to enhance and continue the study of mathematics after Algebra I, Geometry and Algebra II. It provides a college level foundation to students not aspiring to a math, science, or technical major.

Topics include: fundamental concepts of logic; structure and properties of the real number systems; geometric relationships; relations, functions

and graphs; data analysis concepts and techniques; sequences and series; an introduction to trigonometric functions. Graphing calculators are required and are used at the teacher's discretion.

One year (2 semesters) Grades 11 – 12

Honors Pre-Calculus

1 credit

303/1202340

***Prerequisites:* SJA Placement Criteria and teacher recommendation. Please Note: Students completing Algebra II and requesting to enroll in Honors Pre-Calculus must complete a summer assignment tutorial/review packet of the extended topics covered in Algebra II-Honors.**

This course is a study of functions in preparation for the study of calculus. Emphasis is placed on understanding the behavior of various functions algebraically, graphically, and numerically. Topics include systems of linear and quadratic equations and inequalities; matrix algebra; polynomial, rational, radical, exponential, logarithmic, and trigonometric functions; sequences and series; conic sections; complex numbers, polar coordinates, and vectors; and parametric equations. Mathematical induction and the theory of limits are introduced.

Emphasis is placed on skills enhancement and problem solving. The limited use of graphing calculators is integrated into the curriculum.

One year (2 semesters) Grade 11 – 12

Advanced Placement Calculus AB

1 credit

304/1202310

***Prerequisites:* SJA Placement Criteria, Honors Pre-Calculus and teacher recommendation.**

This course includes the concepts required by College Board AP for Calculus AB (<http://apcentral.collegeboard.com>), with more rigorous applications in trigonometry and additional assignments weekly to prepare for the required Advanced Placement Exam. Dependent upon enrollment, this class may be offered to seniors through the Florida Virtual School as an online class. In these cases it will fall primarily upon the student to remain on pace – if a student falls more than 2 weeks behind at any point their grade is permanently reduced by a letter grade. All AP Calculus AB students must take the AP Calculus examination given in May. AP Calculus students are expected to be aware of the test date and be present for the test. Students may check the test date periodically for changes by going to the College Board website at apcentral.collegeboard.com. Testing fees assessed by the College Board will be charged to the student's account.

Graphing calculators are required and are used at the teacher's discretion.

One year (2 semesters) Grades 11-12

**Advanced Placement
Calculus BC**

1 credit
308/1202320

***Prerequisites:* SJA Placement Criteria, in AP Calculus AB and teacher recommendation.**

This course includes the concepts required by College Board AP for Calculus BC (<http://apcentral.collegeboard.com>), commencing with a review of Calculus AB topics. All AP Calculus BC students must take the AP Calculus exam in May. This class primarily lends itself to independent study. As such the successful student is self disciplined and self motivated.

One year (2 semesters) Grade 12

Advanced Placement Statistics

1 credit
376/1210320

***Prerequisites:* SJA Placement Criteria, Honors Pre-Calculus or concurrent enrollment and teacher recommendation.**

Statistics studies how to collect, organize, analyze, and interpret numerical information from Data. Everyday information is presented to us through statistics. This class is designed to enable students to calculate, understand, and critique statistics. The syllabus will be built around broad conceptual themes: 1) Exploring data: observing patterns and departure from patterns, 2) Planning a Study: deciding what and how to measure, 3) Anticipating Patterns: probability and simulation, 4) Statistical Inference: confirming models. The course is tailored for a TI-83/84 graphing calculator.

One year (2 semesters) Grades 11-12

PHYSICAL EDUCATION AND HEALTH

HOPE (Health Opportunities through Physical Education)

Personal Fitness/ Life Management

1 credit
711/715//3026010

Prerequisite: None

The purpose of HOPE is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. The 1 credit course is divided into 2 one-semester classes.

Personal Fitness provides students with opportunities to develop individual, optimal level of physical fitness and to acquire the knowledge needed to understand the effects of lifestyles on one's health and fitness. Areas discussed include components of fitness with emphasis on nutrition.

Life Management Skills provides the students with the opportunities to develop and enhance the critical life management skills necessary to make sound decisions and take positive actions for health and effective living. Specific content will include, but not be limited to: positive emotional development; communication; interpersonal and coping skills; responsible decision-making and planning; nutrition and weight management; substance use and misuse, including the hazards of smoking; knowledge and skills needed to be wise consumers; community resources; personal money management; and performance of on-rescuer cardiopulmonary resuscitation (CPR) and first aid for obstructed airway.

One year (1 semester Personal Fitness/1 semester Life Management Skills)

Grade 9 Requirement

Individual/Dual Sports I, II

1 credit
751/1502410
752/1502420

Prerequisite: None

This course is designed to develop the knowledge, history, and skills of selected dual and individual sports. Safety practices, application to fitness and leisure activities will be emphasized.

One year (2 semesters) Grades 10 – 12

Team Sports I and II

1 credit
721/1503350
731/1503360

Prerequisite: None

This course includes in-depth knowledge, history application of skills, techniques, strategies, rules, and safety practices necessary to participate in selected team sports.

One year (2 semesters) Grades 10 – 12

Weight Training I and II

1 credit

741/1501340

742/1501350

Prerequisite: None

This course was developed to assist students who wish to improve their muscular strength/endurance and maintain/improve their current physical condition. Teaching components include: major body muscles training techniques, safety in weight training equipment, and the pyramid system for training.

One year (2 semesters) Grades 10 – 12

SCIENCE

Environmental Science/ Lab

1 credit
401/2001340

Prerequisite: None

The purpose of this course is to provide students with an applied introduction to science. Students will develop scientific literacy and learn to apply the scientific method to problems present in today's society. More and more, citizens are required to make decisions about our environment in today's technical society. This course is designed to provide an understanding of the environment's complexity and our subsequent interaction with it. To achieve this, the course will explain how the underlying scientific, political, and economic factors affect important environmental issues.

One year (2 semesters) Grade 9

Biology I/Lab

1 credit
421/2000310

Prerequisite or co-requisite: Algebra I

This course will utilize classroom interactions and laboratory exercises to present unifying principles and concepts applicable to life at all levels of complexity. It is designed for students of average ability and level of motivation.

One year (2 semesters) Grade 10

Honors Biology I/Lab

1 credit
422/2000320

Prerequisites: Sophomores: SJA Placement Criteria and teacher recommendation. Freshmen: An "A" average in 8th grade science and 95th percentile or above on Explore Science Test.

This course will involve classroom interaction and laboratory exercises to present unifying principles and concepts applicable to life at all levels of complexity. This course is designed for students of above average ability. This course is a prerequisite for AP Biology.

One year (2 semesters) Grades 9 – 10

AP Biology/Lab

1 credit
443/2000340

Prerequisites: SJA Placement Criteria, in Biology, Chemistry and Physics, and teacher recommendation.

The AP Biology course is designed to be the equivalent of a college introductory Biology course, usually taken by biology majors during their first year of college. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. This class will only be offered to seniors through the Florida Virtual School as an online class. It will primarily fall upon the student to remain on pace – if a student becomes more than two weeks behind at any point, his/her grade is permanently reduced by a letter grade. All AP Biology students must take the AP Biology examination given in May. AP

Biology students are expected to be aware of the test date and be present for the test. Students may check the test date periodically for changes by going to the College Board website at apcentral.collegeboard.com. Testing fees assessed by the College Board will be charged to the student's account.

One year (2 semesters) Grade 12

Chemistry I/Lab

1 credit
431/2003340

***Prerequisites:* Algebra I and Biology.**

***Corequisite:* Algebra II.**

The purpose of this course is to provide students with an introduction to the study of the composition and properties of matter, and the changes associated with matter and energy. Laboratory activities and scientific research are an integral part of this course.

One year (2 semesters) Grades 10 – 12

Honors Chemistry I/Lab

1 credit
432/2003350

***Prerequisites:* SJA Placement Criteria, Algebra I, Biology and teacher recommendation.**

***Pre/corequisite:* Algebra II Honors.**

The purpose of this course is to provide a rigorous study of the composition, properties, and changes associated with matter. The concepts are studied more in depth; much more math is used in calculations, than at the standard level. In addition, the honors level delves into some topics not covered in standard. This involves more work, so a faster pace is necessary. Detailed laboratory activities and scientific research are a significant part of the course.

One year (2 semesters) Grades 10 – 12

Marine Science/Lab

1 credit
445/2002500

***Prerequisites:* Biology I and teacher recommendation.**

The purpose of this course is to provide an overview of the marine environment. Topics discussed in this class will include: the origins of the oceans; the chemical, physical, and geological aspects of the marine environment; the ecology of various sea zones; a description of marine communities; and a description of the characteristics of major marine ecosystems, phyla and divisions; and the economic and technological aspects of the human interaction with the marine environment. The ability to interpret and use information from a variety of activities is a critical part of this class.

One year (2 semesters) Grade 10 – 12

Honors Marine Science/Lab

1 credit
446/2002510

***Prerequisites:* SJA Placement Criteria, Biology I and teacher recommendation.**

The purpose of this course is to provide an overview of the marine environment. Students use many different experiences to explore, first hand, a variety of topics in marine science. Topics discussed in this class include: the origins of the oceans; the chemical, physical, and

geological aspects of the marine environment; the ecology of various sea zones; a description of marine communities; a description of the characteristics of major marine ecosystems, phyla, and divisions; and the economic and technological aspects of the human interaction with the marine environment. These topics are studied more in depth than at the standard level. The ability to interpret and use information from laboratory experiences and activities is a critical part of this class.
One year (2 semesters) Grade 10 - 12

Physics I/Lab

1 credit
441/2003380

***Prerequisites:* Credits in Algebra II and Chemistry.**

The purpose of this course is to provide a solid introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Because physics is basically applied mathematics, incoming students are expected to have strong math skills. Classroom instruction will be augmented by hands-on laboratory work.
One year (2 semesters) Grades 11 – 12

Honors Physics I/Lab

1 credit
442/2003390

***Prerequisites:* SJA Placement Criteria, Chemistry (H), Algebra II (H), and teacher recommendation.**

***Co-requisite:* Honors Pre-Calculus or AP Calculus AB.**

The purpose of this course is to provide a rigorous, introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Because physics is basically applied mathematics, incoming students are expected to have strong math skills. At the honors level the concepts are studied in more detail, using more complicated math. Additional concepts are covered, so a more challenging pace is employed. Classroom instruction will be augmented by detailed hands-on laboratory and online assignments.
One year (2 semesters) Grades 11 – 12

Honors Anatomy & Physiology/Lab

1 credit
405/2000360

***Prerequisites:* SJA Placement Criteria, credit in Biology I and teacher recommendation.**

The purpose of this course is to enable students to develop understanding of the relationships between the structures and functions of the human body. Content includes implementation of the scientific research, observation and laboratory activities; medical terminology; and levels of organization of the body and all the body systems.
One year (2 semesters) Grades 11-12

Science Dual Enrollment

OCB 1000/1000L
EVR 1001/1001L

Please see Dual Enrollment Section, p. 35

SOCIAL STUDIES

World Cultural Geography

1 credit
824/2103300

Prerequisite: None

In this course students will develop multicultural understandings and use geographical concepts and skills to acquire information and systematically apply decision-making processes to real-life situations. Additionally, they will acquire an understanding of interrelationships between humans and their environments.

One year (2 semesters) Grade 9

World History

1 credit
822/2109310

Prerequisite: None

This course involves a number of periods of history beginning with Medieval Europe and continues through the 20th century. Topics that will be explored are the Middle Ages, including feudalism, the impact of religion, economic growth, and evolution of national monarchies; influence of Christianity in Eastern Europe; the founding of the Islamic faith; Europe in transition, to include the Renaissance and Reformation, exploration, expansion, the rise of absolute monarchies; the Age of Revolution, in England, America, France; the Industrial Revolution; the world at war, to include WW I, WW II; and finally the world today, starting with the Cold War.

One year (2 semesters) Grade 10

AP World History

1 credit
892/2109420

Prerequisites: Unweighted GPA of 3.5 English teacher recommendation, credit in World Geography, and permission of the instructor.

AP World History is for the exceptionally studious Sophomore who wishes to earn college credit in high school through a rigorous academic program. This class approaches history in a nontraditional way in that it looks at the common threads of humanity over time – trade, religion, politics, society, and technology – and it investigates how these things have changed and continued over time in different places.

One Year (2 semesters) Grade 10

American History

1 credit
831/2100310

Prerequisite: World History.

The course begins with a look at America's rise to world power status beginning with the Spanish-American War. The focus for the remainder of the course is on the 20th Century and the major issues and challenges that arose during that time period.

One year (2 semesters) Grades 11 – 12

U.S. History Dual Enrollment –

AMH 2010

AMH 2020

Please see Dual Enrollment Section, p. 33

World Civilizations

Dual Enrollment

WHO 1012

WHO 1022

Please see Dual Enrollment Section, p. 34

Economics

½ credit

841/2102310

Prerequisites: World History and U.S. History.

An introduction to the basic economic concepts affecting the structure and performance of the American economic system. It concentrates on the economic problems affecting our social system with an emphasis on such topics as supply and demand, money and banking, fiscal and monetary policy, inflation, spending and taxes, consumption and consumer behavior. The course is sponsored and conducted under the guidelines of Junior Achievement Inc. of Jacksonville.

One-half year (1 semester) Grade 12

Honors Economics

½ credit

843/2102320

Prerequisites: SJA Placement Criteria, World History and U.S. History, and Social Studies/English teachers' recommendations.

The purpose of this course is to integrate microeconomics and macroeconomics and is intended for the accelerated student whose reading, writing, and quantitative analytical skills are well developed. It is designed to give students a thorough understanding of the principles of economics that apply to the functions of individual decision-makers, both consumers and producers, within the larger economic system and the principles of economics that apply to an economic system as a whole. It places primary emphasis on the nature and functions of product markets, and includes the study of factory markets and the role of government in promoting greater efficiency and equity in the economy. It will also emphasize the study of national income and price determination, and develop the students' familiarity with economic performance measures, economic growth, and international economics. Supplementary readings will be required as well as class presentations, individual papers on economic analyses, and a stock portfolio.

One half year (1 semester) Grade 12

American Government

½ credit

847/2106310

Prerequisites: World History and U.S. History.

An examination of the American political process with emphasis on its early heritage, formation, structure, process, comparison to other forms of governments, and the way our nation is governed.

One half year (1 semester) Grade 12

Honors American Government

½ credit

842/2106320

***Prerequisites:* SJA Placement Criteria, World History and U.S. History, and Social Studies/English teachers recommendations.**

The purpose of this course is to gain understanding of American government and political behavior that is essential for effective citizenship and active involvement in contemporary American society. The emphasis will be on the foundations of American government, and political behavior, the Constitution, the branches of the government, and comparing world political and economic systems on the national level. Supplementary readings will be required as well as class presentations, individual papers on contemporary issues, daily reading of newspapers, and a stock portfolio.

One half year (1 semester) Grade 12

Psychology I

½ credit

801/2107300

***Prerequisite:* None**

This course provides students with the opportunity to acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals, including self concept development, adjustment, motivation and desire, intelligence, conditioning and learning, memory, personality and behavior, emotion, abnormal behavior, conformity, autonomy, alienation, stress, mental health, therapy, and psychological theory and methods.

One half year (1 semester) Grades 11 – 12

Psychology II

½ credit

802/2107310

***Prerequisite:* Psychology I**

This course allows students to expand their awareness of psychology, including the topics of sensation and perception, motivation and emotion, adjustment in society, human interaction, human growth, and development, with an emphasis on evaluating the behavioral, social learning, and cognitive approaches within the entire life cycle.

One half year (1 semester) Grades 11 – 12

**Advanced Placement
Psychology**

1 credit

804/8041

***Prerequisites:* Open to juniors or seniors who meet criteria. The purpose of the AP course in Psychology is to introduce the credit systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principals, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.**

Testing fees assessed by the College Board will be charged to the student's account. All AP Psychology students must take the AP psychology examination given in May. AP Psychology students are expected to be aware of the test date and be present for the test. Students may check the test date periodically for changes by going to the College Board website at apcentral.collegeboard.com.

One year (2 semesters) Grade 12

THEOLOGY

The curriculum offerings of the Theology Department of St. Joseph Academy are in accordance with the national high school curriculum as proposed by the United States Conference of Catholic Bishops. All Theology texts are approved as in conformity with the Catechism of the Catholic Church.

Theology I/II

1 credit
121/0900410
121/2105350

Prerequisite: None

Grounded in a solid understanding of the Christian Scriptures, specifically in the four Gospels, the first semester course (New Testament) explores the religious and political world of Jesus and the Daily life of the Jewish people. The course helps students become familiar with the historical setting of Jesus' life and proclamation and gives a thorough discussion of Jesus' message and ministry.

The second semester (Morality/Ethics) assists students in developing the skill to make ethical choices when confronted with the many complex, controversial moral dilemmas faced in today's society. The course deals with the basic concepts of conscience, law, sin, and the social dimension of Christian morality. Emphasis is on the students' understanding of the basic principles of Christian living as a personal response to gospel values and the analyses of decision making within a framework of Jesus' ethical teachings.

One Year (2 semesters) Grades 9-10

Theology III/IV

1 credit
131/2105300

Prerequisite: None

The first semester course enables the student to view particular social justice issues as they are grounded in Catholic social teaching. Of special importance are the themes of the fundamental dignity of human beings made in God's image and likeness, and the profound respect for human life. The course will give students a firm foundation on which to analyze problems that may affect our lives in community.

One year (2 semesters) Grades 11-12

The second semester course in Christian lifestyles enables the student to explore the concept of vocation as living out his/her baptismal commitment within the single, married, religious/ordained lifestyles. The curriculum provides the student with tools for assessing the continuing development of his/her own personality, presents a more mature explanation of the Christian sexual ethic, offers a model for discernment, examines the special sacramental encounter of each of the Christian lifestyles, and outlines the special character of family life.

One year (2 semesters) Grades 11-12

Peer Ministry

1 credit

132/2105300

Prerequisite: Department Recommendation

The Peer Ministry course presents students with an understanding of the sacred doctrines of the Catholic faith, emphasizing through practical application the gift of ministry as modeled in the life of Jesus Christ and lived today through the sacramental life of the Church.

Application for this course is open to upper-class who have demonstrated their seriousness in taking a leadership role in the spiritual life of the St. Joseph Academy Community. Students accepted will serve as liturgical ministers and take leadership roles at retreats and in community service activities.

Applications for this course may be obtained from the Office of Campus Ministry. The selection committee includes the teacher in the Department of Theology and is chosen by the Campus Minister. The student's course selections and scheduling also determine final placement in Theology classes.

One year (2 semesters) Grades 11-12

COMPUTER SCIENCE

Game & Simulation Design

1 Credit
8208120

Prerequisite: None

This course covers fundamental principles of designing a game or a simulation application, in particular Human Computer Interface (HCI) principles, rules and strategies of play, conditional branching, design and development constraints, use of sound and animation, design tools, and implementation issues. The content includes market research, product design documentation, storyboarding, proposal development, and presentation of a project report. Emphasis is placed on the techniques needed to develop well-documented, structured game or simulation programs. Extensive use is made of evaluating and analyzing existing games or simulations. Hands-on activities using an entry-level game development tool such as Game Maker or Alice should be integrated into the curriculum. Regardless of topic sequencing, the culminating activity is the creation and presentation of a playable game with design documentation.

One year (2 semesters) Grade 9

3-D Animation Technology I

1 credit
025/8718110

Prerequisites: An A/B average in Design (8208120) and/or teacher recommendation.

This course offers the student a broad foundation of knowledge and skills in various multimedia. Content includes 3-D animation design and production. Video editing, audio features, and animation are used to produce a variety of multimedia productions. Course instruction also includes the following media rudiments: production planning, elements of production design, storyboarding, integration of video, graphics, animation, and audio elements.

One year (2 semesters) Grades 10-12

Computer Programming I

1 Credit
0201300

Prerequisites: Algebra II Honors and/or teacher recommendation.

This course is intended to be an introductory course in computer science. It is the first in a sequence of two courses designed to prepare the student for the AP Computer Science A examination administered by the College Board. The goal is to develop and select appropriate algorithms and data structures to design and implement computer-based solutions to problems in a variety of application areas. The student will design, write, test, and debug computer programs using the programming language Java and the standard Java library classes from the College Board AP Java subset. The class will be taught in the computer lab. The software products used are public domain and can be downloaded onto the student's personal computer. A third quarter robotics unit is included. Subject to available funding, participation in a national robotics competition will also be included.

One year (2 semesters) Grades 10-12

**Advanced Placement
Computer Science A**

1 Credit
0200320

***Prerequisites: Computer Programming I and/or teacher
recommendation***

This course is intended to be the equivalent of a first-semester college-level course in computer science. It is the second in a sequence of two courses designed to prepare the student for the AP Computer Science A examination administered by the College Board. The goal is to develop and select appropriate algorithms and data structures to design and implement computer-based solutions to problems in a variety of application areas. The student will design, write, test, and debug computer programs using the programming language Java and the standard Java library classes from the College Board AP Java subset. The class will be taught in the computer lab. The software products used are public domain and can be downloaded onto the student's personal computer. A third quarter robotics unit is included. Subject to available funding, participation in a national robotics competition will also be included. Upon completion of the course, the student will sit for the AP Computer Science A examination.

One year (2 semesters)

Grades 11-12

DUAL ENROLLMENT COURSES

Dual Enrollment Courses, offered through St. Johns River State College, allow selected students to pursue college and high school credit simultaneously. Enrollment requires parent permission and instructor/department and administration approvals.

The courses on the following pages are tentatively scheduled to be offered during the 2011 – 2012 school year. St. Johns River State College requires a minimum class size which must be met in order to offer a course. Courses listed will be offered on the St. Joseph Academy campus.

Please Note: The Florida Community College and State University Systems will accept Dual Enrollment courses for college credit with a grade of “C” or higher. Although many other private and out of state colleges and universities will also accept these credits, we cannot guarantee their acceptance. Please be advised that a grade less than a “B” in a Dual Enrollment course could negatively affect a decision for freshmen admission at a state university. The grades earned in Dual Enrollment courses are included in GPA’s. They are weighted one full point. The state community colleges and universities require that a college transcript of these grades be submitted in addition to the high school transcript when applying for admission to colleges in the student’s senior year.

Students participating in the Dual Enrollment Program are exempt from paying the college tuition. Students must pay for required text books.

ENC 1101 Composition I

½ high school credit – Jr. English
3 college credits
244/ENC1101

Prerequisites: SJA Placement Criteria, a 3.0 unweighted overall GPA and a satisfactory score on the ACT, SAT or CPT as determined by SJRSC and teacher recommendation.

Students will learn to recognize, identify, practice, and evaluate the rhetorical principles and techniques used in expository writing. They will apply various analytical techniques to the novels and plays they read, form a collaborate writing community, and acquire grammar expertise in using the process approach to writing, incorporating reading, reader-response writing, pre-writing exercises, group and class discussions, outlining, drafting, proof-reading, editing, and revising final drafts. Students will compile writing portfolios, complete an extensive research project using MLA format, and comply with the State’s Gordon Rule requiring 6,000 words of evaluated writing each semester.

One half year (1st semester) Grade 11

ENC 1102 Composition II

½ high school credit - Jr. English
3 college credits
245/ENC1102

Prerequisites: Same as ENC 1101 and completion of ENC 1101 with a grade of “C” or better.

This is a continuation of Composition I. In addition to the literature component of Senior English, this course is designed to instruct students in the methods and applications of expository writing and the process of logical thinking. Grade-appropriate outside reading is required in every English course.

Emphasis is placed on descriptive, persuasive, and argumentative writing. Students are required to write a documented research paper. Students will initiate and maintain portfolios intended to assist them in improving their writing abilities. An exit grade of “C” or higher is required to receive the three (3) college credits.
One half year (2nd semester) Grade 11

U.S. History I

½ high school credit
3 college credits
834/AMH2010

***Prerequisites:* SJA Placement Criteria, a 3.0 unweighted overall and social studies GPA; satisfactory score on the ACT, SAT/CPT as determined by SJRSC, teacher recommendation and parent permission.**

U.S. History II

½ high school credit
3 college credits
835/AMH2020

***Prerequisites:* Same as AMH 2010 and completion of AMH 2010 with a grade of “C” or better.**

The purpose of this course is to provide students with the opportunity to develop the analytical skills and factual knowledge necessary to deal critically with the problems, content, and materials of American historical development. This is done by focusing on persistent themes and changes in history and by applying historical reasoning to seek solutions to contemporary problems.

One year (2 semesters) Grade 11

Foundations of Spanish, SPN1120

½ high school credit
4 college credits
576/SPN1120

***Prerequisites:* SJA Placement Criteria, a “B” average in the previous honors Spanish course, a 3.0 unweighted overall GPA; satisfactory score on the ACT/SAT/CPT as determined by SJRSC; teacher recommendation and parent by SJRSC; teacher recommendation and permission.**

In addition to the advanced level material covered in the first semester of a traditional high school Spanish IV course, Foundations of Spanish (or Dual Enrollment) stresses increased communicative competence as well as continued development and intensive review of previously acquired listening, speaking, reading and writing skills.

One half year (1st semester) Grades 11 – 12

Foundations of Spanish SPN1121

4 college credits
577/SPN1121

***Prerequisites:* Same as SPN 1120 and completion of SPN 1120 with a grade of “C” or better.**

This course is a continuation of SPN1120. In addition to the advanced level material covered in the second semester of a traditional high school Spanish IV course, Foundations of Spanish (or Dual Enrollment Spanish) stresses increased communicative competence as well as continued development and intensive review of previously acquired listening, speaking, reading and writing skills.

One half year (2nd semester) Grades 11 – 12

World Civilization I

½ high school credit
3 college credits
829/WHO 1012

***Prerequisites:* SJA Placement Criteria, a 3.0 unweighted overall and social studies GPA; satisfactory score on the ACT, SAT/CPT as determined by SJRSC, teacher Recommendation and parent permission.**

A survey course tracing the development, growth, and interaction of civilized societies from prehistoric times to the 18th century, showing their influences on each other and their contributions to human culture.

One half year (1st semester) Grade 12

World Civilization II

½ high school credit
3 college credits
830/WHO 1022

***Prerequisites:* Same as WHO 1012 and completion of WHO 1012 with a grade of “C” or better.**

A survey of civilization from the 18th century to the present. Topics include industrialization, nationalism, imperialism, the emergence of the modern state system, U.S. constitutional development, revolutions and wars of the 20th century, and the present world structure.

One half year (2nd semester) Grade 12

LIT 2000 Introduction To Literature

½ high school credit – Sr. English
3 college credits
258/LIT 2000

***Prerequisites:* SJA Placement Criteria, ENC 1101 and 1102 with a grade of “C” or higher.**

This course is a study of literary techniques, conventions and genres undertaken as a foundation for writing about literature. Students will learn the techniques of planning and organization pertinent to the writing of critical papers. Emphasis is on effective style and methods of research.

One half year (1st semester) Grade 12

CRW 2001 Creative Writing I

½ high school credit – Sr. English
3 college credits
259/CRW2001

***Prerequisites:* SJA Placement Criteria, ENC 1101 and 1102 with a grade of “C” or higher.**

The focus of this course is primarily the writing of short fiction of publishable quality. Additional composition will be in the areas of poetry and drama.

One half year (2nd semester) Grade 12

OCB 1000/1000L Marine Biology

½ high school credit
4 college credits
409/OCB 1000/1000L

Prerequisites: SJA Placement Criteria and Science Teachers' Recommendation(s).

This course is a college-level introduction to the biology (plant and animal, prokaryotic and eukaryotic) of marine and estuarine environments, both microscopic and macroscopic. Emphasis will be on the ecological, physiological and behavioral adaptations of different types of organisms and a survey of the major local marine organisms and habitat zones present. Special attention will be given to unique habitats and the biota that inhabit specific environmental conditions, such as: estuaries (St. Johns River, in particular), deep sea communities, coral reefs, and salt marsh/kelp forest/mangrove communities. Discussions will include the relationship of the physical, biological, and chemical environments to the overall distribution of marine organisms (plants and animals) as well as the biological impact of these organisms on their environment. This course will also address man's impact on the ocean environment.

EVR 1001/1001L Intro. Env. Science

1/2 high school credit
4 college credits
410/EVR 1001/1000L

Prerequisites: SJA Placement Criteria and Science Teachers' Recommendation(s).

This course introduces the major topics in the environmental field. The scientific, social, political and economic aspects of environmental issues will be explored including environmental ethics and environmental law. Through written and/or oral assignments and hands-on investigations, students will learn about the different processes affecting ecosystems, especially those in Florida.