



5825 N. Woodruff Avenue, Lakewood, California 90713-1198  
 562.925.5073 / fax 562.925.3315 / [www.sj-jester.org](http://www.sj-jester.org)

# 2010-2011

# COURSE CATALOGUE

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## SJHS GRADUATION REQUIREMENTS

In order to receive a diploma from Saint Joseph High School students must have a MINIMUM of 240 credits. (6 classes each semester)

<u>DEPARTMENTS</u>	<u>CREDITS</u>	<u>SPECIFIC COURSES</u>
Religious Studies	One course each semester of attendance (40 credits)	9 Religion I 10 New Testament/Morality 11 Peace & Justice/ Sacraments 12 Christian Vocations/Elective
English	40 credits	9 English I 10 English II 11 English III 12 English IV
Social Studies	30 credits	10 World History – 2 semesters 11 US History – 2 semesters 12 US Government/Economics
Mathematics	30 credits	
Science	20 credits	One year Biological Science One year Physical Science
World Languages	20 credits	Two years of the same language
Visual and Performing Arts	10 credits	One year of the same course
Computers	5 credits	
Physical Education	10 credits	
Health	5 credits	

ELECTIVES - Courses needed to complete the required number of credits. A maximum of only TEN CREDITS of the required 240 required to graduate may be taken in Teacher Aide, Office Assistant, Lab Assistant, and Library Assistant.

**THE UNIVERSITY OF CALIFORNIA  
AND  
THE CALIFORNIA STATE UNIVERSITY**

**THE UNIVERSITY OF CALIFORNIA SYSTEM**

(Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, San Francisco, Santa Barbara, and Santa Cruz)

**CALIFORNIA STATE UNIVERSITY SYSTEM**

(Bakersfield, Channel Islands, Chico, Dominguez Hills, Fresno, Fullerton, Hayward, Humboldt, Long Beach, Los Angeles, California Maritime Academy, Monterey Bay, Northridge, Polytechnic University at Pomona and San Luis Obispo, Sacramento, San Bernardino, San Diego, San Francisco, San Jose, San Marcos, Sonoma, and Stanislaus)

The student must complete the following courses with a grade of C or better:

A) History	2 years	•One year of US History or one semester of US History and one semester of US Government •One year of World History
B) English	4 years	
C) Mathematics	3 years	Algebra I, Geometry, Algebra II ( <b>4 years recommended</b> )
D) Laboratory Science	2 years	Biology, Chemistry, or Physics ( <b>3 years recommended</b> )
E) Foreign Language	2 years	Two years if the same foreign language ( <b>3 years recommended</b> )
F) Visual/Performing Arts	1 year	One year course in VPA
G) Advanced Courses	1 year	Chosen from the following areas: history, English, advanced math, laboratory science, foreign language, and social science

# COURSE DESCRIPTIONS

(P) = College Prep Course

(HP) = Honors level Course

(AP) = Advanced Placement Course

## **\*\*\*BUSINESS/COMPUTERS**

250 **INTRODUCTION TO BUSINESS COMPUTERS** Semester Grades 9-12

PREREQUISITES: None

This is a skills building class. The focus is on the learning and practice of basic business computer skills using Microsoft 2007. These include keyboarding, word processing, and the use of spreadsheet and presentation applications. Students learn critical thinking, listening, and organization skills. This course meets the SJHS graduation requirement.

253 **INTRODUCTION TO WEB DESIGN** Semester Grades 9-12

PREREQUISITES: Working knowledge of the Windows operating system

CLASS FEE: \$50 for program access and online curriculum materials.

This intermediate computer class moves quickly from basic graphic design to web publishing and animation. Introduction to Web Design offers the new media skills needed by students. Using the industry standard Adobe Creative Suite 4:Photoshop, Illustrator, Dreamweaver, and Flash, this class offers a creative/technology curriculum that allows students to explore the creative aspects of design, while learning the best practices of today's businesses. Students' projects include logos, web sites, and a student portfolio.

## **\*\*\*ENGLISH**

110 **ENGLISH I** (P) Year Grade 9

PREREQUISITES: None

English I is a year-long course designed to advance students with their understanding of various literary genre (short story, novel, poetry) and an overview of literature to include Greek mythology, a Shakespearean play, and selected novels and poetry. In addition, students will develop public speaking skills through several oral presentation projects, gain a thorough understanding of the writing process through writing exercises, and begin building their writing portfolios through lessons on sentence structure/patterns, paragraph writing and instruction on the multi-paragraph essays.

111 **ENGLISH I HONORS** (P) Year Grade 9

PREREQUISITES: This course is open only to incoming freshmen students with high scores both in reading and language on the entrance exam and a record of high achievement in elementary school. Students who meet the following qualifications will be invited to enroll in English I Honors:

- scores of 85% or higher in the Reading and the Language sections of the high school placement exam
- academic record of "B+" or higher in all language arts courses taken in seventh and eighth grade
- satisfactory evaluation of a writing sample from student's eighth grade essay portfolio

The English I Honors course is a rigorous course which integrates the study of vocabulary, grammar, advanced literary selections, and essay writing. This course will provide students with an understanding of various literary genre (short story, novel, poetry) and an overview of literature to include Greek mythology, a Shakespearean play, and selected novels and poetry. Students will work independently and in cooperative groups to develop close reading skills, write multi- paragraph essays, and present their ideas in an articulate and interesting manner, both orally and in writing. Students will understand and utilize the writing process throughout the year. The emphasis of this course is to ensure that all students are familiar with the writing process and are able to write a clear, organized and interesting multi-paragraph essay. In the Spring semester, each student will take the POW (Proficiency of Writing) exam which must be completed with a passing mark in order to be considered for passage into English II Honors.

120 **ENGLISH II** (P) Year Grade 10

PREREQUISITES: Successful completion of English I

English II is a year-long course designed to advance students in their ability to develop critical thinking skills and to further gain confidence in their writing skills through the study of vocabulary, grammar review, and the writing process. Reading selections are taken from world literature and include short stories, poems, drama, and essays. Independent reading is required. The emphasis of this course is to ensure that all students are familiar with the writing process and are able to write a clear, organized and interesting five paragraph essay. In Addition, students will be introduced to various types of research methods and will complete a research project using the MLA style sheet. Students will also gain confidence in their public speaking/oral presentation skills. In the Fall semester, each student will take the POW (Proficiency of Writing) exam which must be completed with a passing mark prior to graduation from SJHS. Students who do not pass the POW in their sophomore year are recommended to take the Proficiency of Writing Workshop during the summer.

### 121 S ENGLISH II HONORS (P) Year Grade 10

#### PREREQUISITES:

- Successful completion of English I Honors with a “B” (83%) or better; **OR**
- Successful completion of English I with an overall grade of 90 % and an 85% average on all formal essays
- Pass the POW
- Recommendation of current English teacher
- Signature of English Department Chairperson

English II Honors is a year-long course designed to advance students in their ability to develop critical thinking skills and to further gain confidence in their writing skills through the study of vocabulary, grammar review, and the writing process. Reading selections are taken from American literature and include short stories, poems, dramas, and essays. Independent reading is required. The emphasis of this course is to ensure that all students are familiar with the writing process and are able to write a clear, organized and interesting multi-paragraph essay. In Addition, students will be introduced to various types of research methods and will complete a research paper project using the MLA style sheet. Students will also gain confidence in their public speaking/oral presentation skills through several oral presentation projects.

### 130 ENGLISH III (P) Year Grade 11

#### PREREQUISITES: Successful completion of English II

English III is a year-long course designed to advance students in their ability to develop critical thinking skills and to further gain confidence in their writing skills through the study of vocabulary, grammar review, and the writing process. Reading selections are taken from American literature and include short stories, poems, dramas, and essays. Independent reading is required. The emphasis of this course is to ensure that all students are familiar with the writing process and are able to write a clear, organized and interesting multi-paragraph essay. In addition, students will be introduced to various types of research methods and will complete a research paper project using the MLA style sheet. Students will also gain confidence in their public speaking/oral presentation skills through several oral presentation projects. Any student who did not previously pass the POW exam will repeat the POW. Those students who do not pass the POW in their junior year will be **REQUIRED** to take the Proficiency of Writing Workshop during the summer.

### 131 S AP ENGLISH LANGUAGE AND COMPOSITION (HP) Year Grade 11

#### PREREQUISITES:

- Completion of English II Honors with a “B” (83%) or better **OR**
- Completion of English II with a 90 % and an 85% average on all formal essays, and successful completion of an American Literature Diagnostic Test, to be administered by the current AP Language teacher **OR**
- Completion of English III with a 90 % and an 85% average on all formal essays
- Pass the POW
- Recommendation of current English teacher
- Signature of English Department Chairperson

AP English Language and Composition is a year-long college-level course designed to advance students in their ability to develop critical thinking skills and to further gain confidence in their writing skills through the study of vocabulary, grammar review, and the writing process. Reading selections are taken from British literature beginning with Anglo- Saxon period and ending with 20th century selections. The course will include reading and discussion of novels, short stories, poems, drama, and essays. The emphasis of this course is to ensure that all students are familiar with the writing process and are able to write a clear, organized and interesting composition. In addition, students will conduct various forms of research and will complete a research project using the MLA style sheet. Students will also gain confidence in their public speaking/oral presentation skills through several oral presentation projects. Students enrolled in this course will take the AP examination in the Spring quarter. **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

### 140 ENGLISH IV (P) Year Grade 12

#### PREREQUISITES: Successful completion of English III

English IV is a year-long course designed to advance students in their ability to develop critical thinking skills and to further gain confidence in their writing skills through the study of Vocabulary, grammar review, and the writing process. Reading selections are taken from British literature beginning with the Anglo-Saxon period and ending with selections from contemporary literature. The course will include reading and discussion of novels, short stories, poems, drama, and essays. Independent reading is required. The emphasis of this course is to ensure that all students are familiar with the writing process and are able to write a clear, organized and interesting composition. In addition, students will conduct various forms of research and will complete a research paper project using the MLA style sheet. Students will also gain confidence in their public speaking/oral presentation skills through several oral presentation projects.

141 S **AP ENGLISH LITERATURE AND COMPOSITION** (HP) Year Grade 12

PREREQUISITES: AP Literature and Composition is open to any senior willing to challenge herself, upon approval of the AP Literature and Composition teacher.

AP Literature and Composition is a college-level, literature-based course in the reading and critical analysis of all genres of literature, structured upon the gamut of theoretical approaches, from mimetic and pragmatic to expressive and objective. Because this is an AP course, areas of study are examined extensively and in detail, with an emphasis on writing. Students enrolled in this course will take the AP examination in the Spring quarter. The course encompasses the poetry, drama, fiction, and nonfiction of Western Europe and America. In addition, independent reading is required each semester. Students will engage in critical analysis of selected work through discussion, electronic communications, in-class essays, essay examinations, formal essays, and a thesis paper. Students will also engage in artistic, performance, and technology based projects and activities. The study of selected works will include literary theory, research, vocabulary, literary terms, and historical background of periods, genres, and critical approaches. **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

**ENGLISH ELECTIVE COURSES**

142 S **20<sup>th</sup>-CENTURY LITERATURE (P)** Semester Grades 11-12

PREREQUISITES:

- JUNIORS: Successful completion of prior English class and concurrent enrollment in Junior-level English;
- SENIORS: Successful completion of prior English class and concurrent enrollment in Senior-level English;
- Signature of English Department Chairperson

Contemporary Literature is a semester-long course designed for the college bound student. It will focus on a spectrum of noted authors from the last half of the twentieth century to modern times. Selections of novels, fiction, nonfiction, drama and poetry will be studied and analyzed. The course will also advance students' critical thinking and help them further gain confidence in their writing skills through the study of vocabulary, grammar review, and the writing process. Independent reading is required. In addition, students will review various types of research methods and will complete a research paper using the MLA style sheet. Students will also gain confidence in their public speaking/oral presentation skills through several oral presentation projects.

143 S **WOMEN'S LITERATURE (P)** Semester Grades 11-12

PREREQUISITES:

- JUNIORS: Successful completion of prior English class and concurrent enrollment in Junior-level English;
- SENIORS: Successful completion of prior English class and concurrent enrollment in Senior-level English;
- Signature of English Department Chairperson

Women's Literature is a semester-long course designed for the college bound student. It will focus on a broad spectrum of noted female authors from a variety of periods in literature and backgrounds. Selections of novels, fiction, nonfiction, drama, and poetry will be analyzed. The course will also advance students' critical thinking skills through the study of vocabulary, grammar review, and the writing process. Independent reading is required. In addition, students will review various types of research methods and will complete a research paper using the MLA style sheet. Students will also gain confidence in their public speaking/oral presentation skills through several oral presentation projects.

153 S **ARTHURIAN LEGEND ELECTIVE** Semester Grades 11-12

PREREQUISITES:

- JUNIORS: Successful completion of prior English class and concurrent enrollment in Junior-level English;
- SENIORS: Successful completion of prior English class and concurrent enrollment in Senior-level English;
- Signature of English Department Chairperson

Arthurian Legends is a semester-long survey course designed for college-bound juniors and seniors. Students will trace and examine the development of the legends of Arthur and his court, from their beginnings in medieval Europe to their modern adaptations, with emphasis on Sir Malory's *Le Morte d'Arthur*. Students will look at the ever-changing legend throughout history by comparing central figures, themes, and situations in the different works. The class is also designed to examine why and how the stories of Arthur, his knights, and the quest continue to occupy such an important space in the cultural imaginations of Western, medieval, and modern literatures.

152 S **FILM AS LITERATURE** *ELECTIVE* Semester Grades 11-12

PREREQUISITES:

- JUNIORS: Successful completion of prior English class and concurrent enrollment in Junior-level English;
- SENIORS: Successful completion of prior English class and concurrent enrollment in Senior-level English;
- Signature of English Department Chairperson

Film as literature is a semester-long course designed for college-bound juniors and seniors. Students will be introduced to film as a form of art and a form of communication. They will learn to “read” a film similar to the way they would read a novel, short story, or essay. The focus will be on the art of storytelling through the unique medium of film, specifically with regards to technical and artistic factors, narrative structure, subtext, and purpose. The critical thinking skills developed in previous English classes will be enhanced through application to a different medium of communication. Films will be watched both in class and independently.

151 S **LITERARY COMPOSITION** *ELECTIVE* Semester Grades 11-12

PREREQUISITES:

- JUNIORS: Successful completion of prior English class and concurrent enrollment in Junior-level English;
- SENIORS: Successful completion of prior English class and concurrent enrollment in Senior-level English;
- Signature of English Department Chairperson

Creative Writing is a semester-long course designed to introduce students to the writing process for a variety of literary genres, from poetry and prose to drama. Students will learn the structure of literature as well as the method and technique of several writers through the study of contemporary selections. Follow-up assignments will enable students to test and exercise their understanding of literature and their creative abilities. Students will also be required to research an author, playwright, or a poet, concentrating their research on the author’s, playwright’s, or poet’s style, and his or her influence on his or her genre of expertise and on contemporary literature. The eventual outcomes of this research are a paper and one of the oral presentations. The emphasis of this course is to ensure that all students are familiar with the writing process and are able to write a clear, organized, and interesting composition. Students will also gain confidence in their public speaking/oral presentation skills through several oral presentation projects. Independent reading is required each quarter.

154 S **WORLD MYTHOLOGY** *ELECTIVE* Semester Grades 11-12

PREREQUISITES:

- JUNIORS: Successful completion of prior English class and concurrent enrollment in Junior-level English;
- SENIORS: Successful completion of prior English class and concurrent enrollment in Senior-level English;
- Signature of English Department Chairperson

World Mythologies is a semester-long survey course designed for college-bound juniors and seniors. This course provides an overview of mythology and its relationship to ancient and current cultures. The course covers the purposes and types of myths, the development of myths and mythological characters, the common elements of mythological structures, the predominant characteristics of deities and sacred places in myth, contemporary theories of myths and mythology, and how myths and mythic structures shape contemporary culture.

150 S **YEARBOOK** Semester *ELECTIVE* Grades 11-12

PREREQUISITES:

- Student must apply for a position, provide a recommendation from an English teacher, attend an interview and provide a sample of her writing.
- All applicants must have a grade of B or better in their current English class.
- Signature of current Yearbook teacher

This course focuses on the publication of a high school yearbook. Its focus is on learning basic journalism and editing skills, news writing, graphic design, page design and photojournalism. Extensive writing and time commitment are required. This course will satisfy the SJHS computers graduation requirement.

## **\*\*\*FAMILY AND CONSUMER SCIENCES**

500 **FOODS AND NUTRITION** Semester Grades 9-12

PREREQUISITES: None (Fee + Textbook)

This one semester course will provide students with the opportunity to learn the basic skills of cooking, meal management, and food preparation. Special emphasis is given to basic nutrition principles. Students will have the opportunity of cooking in the lab at least once a week.

503 **CHILD DEVELOPMENT AND PSYCHOLOGY** Semester Grades 11-12

PREREQUISITES: None (Fee + Textbook)

This course is designed to cover the physical, emotional and mental development of the child from pregnancy through childhood years. Students will be introduced to some theories of child psychology and various techniques in child rearing practices.

504 **LIVING ON YOUR OWN** Semester Grades 11-12

PREREQUISITES: None

This course is designed for the student contemplating living on her own, with an emphasis on practical knowledge. Topics discussed are career planning and testing, interior design, renting apartments, personal budgeting, basic sewing and cooking skills, and consumerism.

## **\*\*\*MATHEMATICS**

200 **ALGEBRA I (P)** Year Grades 9-10

PREREQUISITES: Saint Joseph High School Placement Test

Algebra I covers all the essentials of first year Algebra and includes significant work with statistics, probability and geometry. Real world applications are provided throughout this course. (TI 30 series calculator is required.)

202 S **ALGEBRA I, PART I** Year Grade 9

203 S **ALGEBRA I, PART II** Year Grade 10

PREREQUISITES: Saint Joseph High School Placement Test

This is a 2 year course covering the same topics as Algebra I. This class is designed for the student who needs to proceed at a slower pace. Completion of the 2 years will meet the college requirement for Algebra.

210 S **GEOMETRY HONORS (P)** Year Grades 9-10

PREREQUISITES:

- Score 90% or higher in the Saint Joseph High School Geometry Readiness Test
- Complete full-year course of Algebra I with a grade of A (96% or above)
- Signature of current Math teacher

Honors course designed for high ability mathematics students. This course will cover the same topics as Geometry, but with greater depth and at a more rapid pace. (TI 30 series calculator is required.)

PREREQUISITES:

211 S **GEOMETRY (P)** Year Grades 9-12

PREREQUISITES:

- Score 70% or higher in the Saint Joseph High School Geometry Readiness Test
- Complete full-year course of Algebra I with a minimum grade of C (70%)
- Signature of current math teacher

This course integrates synthetic, coordinate and transformational approaches to geometry; reinforces and extends knowledge of algebra; and develops an understanding of proof. Real world applications are provided throughout. (TI 30 series calculator is required.)

212 S **BASIC GEOMETRY** Year Grades 10-12

PREREQUISITES: Algebra I

This course is designed to be an introduction to Geometry and is offered to students who need extra preparation for that course. It is also for the student who needs to take more mathematics and is not qualified for Geometry.

220 S **ALGEBRA II HONORS** (P) Year Grades 10-12

PREREQUISITES:

- Geometry Honors with an overall grade of 83% or higher
- Geometry with a grade of 96% or above
- Signature of current math teacher

Honors course designed for high ability math students. This course will cover the same topics as Algebra II, but with greater depth and at a more rapid pace. (Graphing calculator is required.)

221 S **ALGEBRA II** (P) Year Grades 10-12

PREREQUISITES:

- Algebra I and Geometry with a minimum grade of “C”
- Signature of current math teacher

This course uses algebraic expressions and sentences to model real world situations; includes linear, quadratic, exponential, logarithmic, trigonometric and polynomial functions. (Graphing calculator is required.)

222 S **ALGEBRA II PART I** Year Grades 11-12

223 S **ALGEBRA II PART II** Year Grade 12

PREREQUISITES:

- Algebra I and Geometry
- Signature of current math teacher

This is a two year course covering the same topics as Algebra II (P). This class is designed for the student who needs to proceed through Algebra II at a slower pace. Completion of the 2 years will meet the college requirement for Algebra II. (TI-83+ graphing calculator required.)

230 S **ADVANCED MATHEMATICS** (P) Year Grades 11-12

PREREQUISITES:

- Algebra II with a grade of “C”
- Signature of current math teacher

Advanced Mathematics is a course designed for the student who will not be majoring in math, science or engineering in college. The main topics covered are linear and quadratic equations and inequalities, polynomials, rational, exponential, and logarithmic functions and their graphs, trigonometry, systems of linear equations, matrices, probability and the Binomial Theorem. (TI-83+ graphing calculator required.)

231 S **PRE-CALCULUS HONORS** (HP) Year Grade 11- 12

PREREQUISITES:

- Algebra II Honors with a grade of 83% or higher
- Signature of current math teacher

Pre Calculus Honors is a college preparatory course intended for highly motivated students. It is a rigorous course designed to develop the skills necessary to advance to calculus. The course includes the following topics: relations and functions, trigonometry, polar coordinates and complex numbers, conics, logarithmic and exponential functions, discrete math and intro to calculus. (TI-83+ graphing calculator required.)

232 S **PRE-CALCULUS** (P) Year Grade 11-12

PREREQUISITES:

- Algebra II with minimum grade of 77% (“C+”)
- Signature of current math teacher

Pre Calculus is a college preparatory course intended for students who have successfully completed Algebra I, Geometry and Algebra II. Topics include functions and their graphs, trigonometry, polar coordinates and complex numbers, conics, exponential and logarithmic functions. (TI-83+ graphing calculator required.)

### 233 S AP CALCULUS (HP) Year Grade 12

#### PREREQUISITES:

- Pre-Calculus Honors with a minimum grade of 83%
- Signature of current math teacher

This course is the first semester of college calculus, designed to meet the lower division university and four year college requirements. Topics included are limits, differentiation and integration of algebraic and trigonometric functions with applications. The necessary topics of analytic geometry are presented as needed to proceed with the principles of Calculus. (TI-83+ graphing calculator required) **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

### 234S STATISTICS (P) Year Grades 11-12

#### PREREQUISITES:

- Algebra II with a minimum grade of “C”
- Signature of current math teacher

Statistics is the science of collecting, describing, and interpreting data. This course introduces the student to basic statistical terms, types of statistics, and sampling techniques. The student will analyze data using various statistical techniques and produce and interpret data using probability techniques and statistical inference. (TI-83+ graphing calculator required)

### 235 S AP STATISTICS Year Grade 12 (AP APPROVAL PENDING)

#### PREREQUISITES:

- Pre Calculus with a 90% or Pre Calculus Honors with an 83%
- Signature of current math teacher

The purpose of the AP Statistics course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Sampling and Experimentation, Anticipating Patterns, Statistical Inference. (TI-84 calculator required.) **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

### 240 S CONSUMER MATH Year Grade 11-12

#### PREREQUISITES: Two years of Math

This is a year course designed to acquaint students with the decisions related to finding a job, purchasing clothing, food, housing, insurance, making investments, banking and other decisions they will be expected to make in everyday life. The major objective of the course is to help each student become a more intelligent consumer. (Calculator required.)

## **\*\*\*PHYSICAL EDUCATION/HEALTH**

### 900 SPORTS AND FITNESS (REQUIRED) Semester Grades 9 - 12

#### PREREQUISITES: None

This course introduces rules, strategies and techniques of different sports including basketball, football, soccer, softball, and volleyball. This class will also include physical fitness testing and aerobic exercise.

### 904 AEROBICS - FITNESS Semester Grades 9-12

#### PREREQUISITES: None

Students must purchase the physical education uniform (jester shirt and orange short). Aerobic shoes or cross training shoes must be worn to class daily. This class is designed to tone muscles, increase flexibility, and develop cardiovascular endurance. The program will consist of yoga and mat pilates, strength training, calisthenics, as well as vigorous aerobic routines, step, and aerobic kickboxing. This class will promote the benefits of exercise and nutrition as stated by the Department of Health and Human Services.

### 910 HEALTH (REQUIRED) Semester Grade 9

#### PREREQUISITES: None

This course is an introduction to personal health strategies. As young adults, students learn to take responsibility for their own health by learning to make mature decisions in lifestyle choices related to their physical and emotional wellbeing. Through a basic understanding of the basic body systems and disease, stress reduction and mental health, personal hygiene, nutrition, substance abuse and reproduction, the student forms a background that will allow her to make wise, healthy choices both now and in the future.

## **\*\*\*RELIGIOUS STUDIES**

710 **RELIGION I** (Required) Year Grade 9

PREREQUISITES: None

LIVING OUR CATHOLIC FAITH (Semester)

Christians are the *light* that will help others discover the Way, the Truth, and the Life and the *salt* that will flavor the world with the love of Jesus. This course will strengthen the student's identity as a Catholic. It presents the four pillars covered in the *Catechism of the Catholic Church*: the baptismal profession of faith, the sacraments of faith, the life of faith and prayer. In the cognitive content, students are exposed to and can articulate the basics of faith. Through various exercises, prayer reflections, activities and discussions to involve the whole learner, students are encouraged toward a conversation of mind, heart and behavior. The course is ultimately centered on Jesus and living out our faith as true disciples.

HEBREW SCRIPTURE/OLD TESTAMENT (Semester)

The primary goal of the course is to examine the religious and historical developments of the Hebrew scripture while acquiring a knowledge of and appreciation for the literary, historical, social, and theological dimensions of the Hebrew Scripture. This course will encourage students to make the connections between the roots of our first story (the Hebrew Scripture) and the continuing story of the Christian Testament

720 **RELIGION II** (Required) Year Grade 10

PREREQUISITES: None

JESUS OF HISTORY, CHRIST OF FAITH (New Testament)

This course focuses on the dual person of Christ, as both human and divine, as the central doctrine of Christianity. Through a study of the Gospels, the student will understand Jesus as the human, compassionate, teacher and healer caught up in the religious and political events of the Jewish people of His time as well as the Word of God incarnate, the Risen God and Lord of Heaven and Earth.

MORALITY

In this course the emphasis will be on the formation of a sound conscience based on scriptural and catechetical Catholic teachings. The nature and consequences of sin will be explored in the context of sound moral choices in a secular world.

731 **RELIGION III/PEACE AND JUSTICE** (Required) Semester Grade 11

PREREQUISITES: None

Because God has called us to be peacemakers, each Christian must respond to the injustices she encounters by using the gifts God has given her to join with a community of faith in overcoming injustice and building God's Kingdom. Based in scripture and Church teachings, the students will examine various current, controversial issues, and develop lifestyle goals based on hope in the future, love of others and a commitment to peace through justice. This course is developed around cooperative learning, using interactive computer software and internet projects.

732 **RELIGION III/SACRAMENTS** (Required) Semester Grade 11

PREREQUISITES: None

Through a study of the sacraments, the student will examine the nature of faith, the role of prayer and worship, and the need for a strong relationship with God and the Christian community. The focus will be on symbol, ritual and the community character of the Sacraments.

740 **RELIGION IV/CHRISTIAN VOCATION** (Required) Semester Grade 12

PREREQUISITES: None

This course deals with the call of all Christians to make a life commitment to Christ through various avenues: Christian marriage, "religious" life, and single Christian life. The emphasis of the course will be the process which makes it possible for one to make responsible decisions regarding her response to Christ's call "Follow Me".

741 **WORLD RELIGIONS** (P) Semester Grade 12

PREREQUISITES: Completion of freshman, sophomore, and junior religion.

This is a survey course of the world's great religions as humanity's most significant attempts to comprehend the mystery of life. Taking the Church's ecumenical stance, religions are explored for their significant contributions to man's understanding of the Divine. Students explore the theology, practices and values of eastern and western religions. This course develops critical thinking and evaluations skills through a student centered, interactive environment which includes time with software and the internet.

742 **PASTORAL MINISTRY** Semester Grade 12

PREREQUISITES: Active participation in school liturgies and other projects are essential requirements of this course.

This course is designed to explore the foundation of our role of leadership in Christian community. It is designed to help the students to meditate on the Word of God in personal prayer. The students will be given opportunities to experience God's presence in the liturgy and many other prayer forms. The community building experiences, prayer experiences, journal writing experiences, and discussion times are designed to invite the students to internalize God's presence as well as the meaning they have found in the classroom experience. This is the heart and foundation of where pastoral ministry begins.

743 **DEATH, DYING & RESURRECTION** Semester Grade 12

PREREQUISITES: Completion of freshman, sophomore and junior religion.

What is the meaning of life and the Christian expectation of death? In this course, students will explore the gift of faith, as a call to love in a way that conquers fear and frees us to be fully human and fully alive in our journey to the Father. Units of study include: historical perspectives concerning our attitudes toward death, coping mechanisms, issues concerning death and dying, cultural practices, the funeral ritual, practical concerns, and life after death.

**\*\*\*SCIENCE**

320 **GENERAL BIOLOGY (P)** Year Grades 10-12

PREREQUISITES: Sophomores must have a 2.50 GPA

General Biology is a lab course which covers the scientific method, the cell theory, genetics, evolution, ecology, and a survey of anatomy and physiology.

321 S **HONORS BIOLOGY (HP)** Year Grades 11-12

PREREQUISITES:

- Minimum GPA of 3.8
- A or "A-" in General Chemistry or "B" or "B-" in Honors Chemistry
- Signature of science Department Chairperson

Honors Biology is a laboratory course that is designed to be the equivalent of a college introductory biology course taken by non majors. It covers the basic concepts of the scientific method, cell theory, genetics, evolution, ecology, and anatomy and physiology.

322 S **AP BIOLOGY (HP)** Year Grade 12

PREREQUISITES:

- A grade of "B" or better in Honors Biology and Honors Chemistry
- A grade of "A" in General Biology and General Chemistry
- Signature of AP Biology teacher
- Minimum GPA of 3.0

This course is designed to be the equivalent of a college introductory biology course. It aims to provide students with the conceptual framework for and factual knowledge about modern biology, and to help students gain an appreciation of science as a process. The topics covered include molecules, cells, heredity, evolution, organisms, and populations. This course is encouraged for students who are interested in a major in the biological sciences. **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

325 S **LIFE SCIENCE** Year Grades 10-12

PREREQUISITES:

- Not recommended for students with a GPA above 2.50
- Signature of Academic Advisor required

This is an introductory level course which covers the life sciences. This lab-oriented course introduces the students to the scientific method, classification, and a survey of the five kingdoms. Students who have successfully completed biology or physiology with a "C" or better may not subsequently take Life Science.

324 S **MARINE BIOLOGY** (P) Year Grade 12

PREREQUISITES:

- One year of biological science and one year of physical science
- Minimum GPA of 2.8
- Signature of Marine Biology teacher

This one year science course is designed for those students who are interested in the field of marine biology. The marine environment and the organisms that inhabit it will be studied in detail. In addition, students will learn the close relationship between marine life and daily human life. This class is approved by the UC system.

330 S **GENERAL CHEMISTRY** (P) Year Grades 10-1

PREREQUISITES:

- Juniors: "C" or better in Algebra I. Minimum GPA of 2.50
- Sophomores: "B" or better in Algebra I
- Minimum GPA of 3.00
- Signature of any Science Department teacher or Academic Advisor

General Chemistry is a laboratory course designed to introduce the student to basic physical and chemical laws. Topics covered: acid-base theory, moles and molar masses, chemical formulas, atomic theory and molecular structures, equations, periodic table and chemical families.

331 S **HONORS CHEMISTRY** (P) Year Grades 10-12

PREREQUISITES:

- "B" or better in Algebra I Honors or "A-" or better in Algebra I
- Minimum GPA of 3.8
- Signature of science department chairperson

Honors Chemistry is a laboratory course for the above average college-prep student. It introduces her to basic physical and chemical laws. The topics covered are: acid base theory, gas laws, moles and molar masses, chemical formulas, atomic theory and molecular structures, chemical equations, periodic table and chemical formulas, and thermodynamics. Mathematics in chemistry is emphasized.

332 S **A SURVEY OF PHYSICAL SCIENCE** (P) Year Grades 10-12

PREREQUISITES:

- Not recommended for students with GPA above 2.50
- Signature of current science teacher or Science Department Chairperson

This is an introductory level course which covers the physical and chemical sciences. This lab-oriented course introduces the students to the scientific method and lab techniques as well as the laws and concepts of the physical sciences. Students who have successfully completed chemistry and/or physics with a "C" or better may not subsequently take Survey of Physical Science.

340 S **HONORS PHYSICS** (HP) Year Grades 11-12

PREREQUISITES:

- Completion of Pre Calculus and Chemistry with grade of "A"
- Concurrent enrollment in Calculus preferred
- Minimum GPA of 3.80
- Signature of Honors Physics teacher

Honors Physics is a laboratory course for the above average college-prep student anticipating a science major in college. Physics is a course studying the basic laws of the physical world including concepts of mechanics (motion, force, energy, conservation of mass and momentum, and celestial movement), waves, light, sound, and electromagnetism.

341 S **PHYSICS** (P) Year Grades 11-12

PREREQUISITES:

- Completion of Algebra II and Chemistry with grade of "B"
- Signature of current science instructor or Science Department Chairperson

Physics is a course studying the basic laws of the physical world including concepts of mechanics (motion, force, energy, conservation of mass and momentum, and celestial movement), waves, light, sound, and electromagnetism.

342 S **ANATOMY AND PHYSIOLOGY (P)** Year Grades 11-12

PREREQUISITES:

- One year each of Biology and of Chemistry
- Minimum GPA of 2.8.
- Signature of Anatomy and Physiology teacher

Anatomy and Physiology is a lab course. It will cover the structure and function of the human body; from the microscopic to the total organism. This course is especially designed for the student who has a serious interest in pursuing a career in the health or medical field.

327 S **AP ENVIRONMENTAL SCIENCE (AP APPROVAL PENDING)** Year Grades 11-12

PREREQUISITES:

- Completion of Biology with a “B” or better
- Completion of Chemistry or Physical Science with a “C” or better
- Minimum GPA of 3.0
- Signature of AP Environmental Science teacher

AP Environmental Science is designed to be the equivalent of a one-semester introductory college course in environmental science. This is a laboratory course that stresses the scientific principles and analysis of various disciplines, such as geology, biology, chemistry, geography and environmental studies, as they relate to environmental science. Topics include the scientific method, the nature of energy, ecology, and human impact on the environment. **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

350 S **SCIENCE LAB ASSISTANT** Semester Grades 11-12

PREREQUISITES:

- Science course completed with a “C” or better
- Signature of department chairperson

Students as lab assistants are given the opportunity to assist in a science lab and learn the techniques of this field.

### **\*\*\*SOCIAL STUDIES**

820 **MODERN WORLD HISTORY I (P)** (Required) Semester Grade 10

PREREQUISITES: None

This is a survey course in Modern World History. It begins with a look at the Renaissance and Reformation, and then focuses on the history of the world examining the emergence of modern nations, industrialism and nationalism.

821 **MODERN WORLD HISTORY II (P)** (Required) Semester Grade 10

PREREQUISITES: None

This is the second part of the required survey course in World History. This course covers World War I to the present day. All regions of the world are studied.

822 S **AP WORLD HISTORY (HP)** Year Grade 10

PREREQUISITES:

- Cumulative GPA of 3.8
- “A-” or better in both semesters in English I (English I Honors students require a “B” or better in both semesters)
- Students must pass a writing placement exam and a diagnostic test administered by the department
- Signature of current English teacher

AP World History is an academic year long course that is meant to be the equivalent of a freshman college course and can earn students college credit. This course covers the history of the world from approximately 1000 to the present. The course examines the history of human experience from a global perspective. It stresses the linkage between people and states formed through trade, the migration of people and ideas, the mobilization of mass society, revolutions, and the impact of technology upon humankind. The students in this course are expected to do a considerable amount of reading in both the major text and supplementary sources. This course is designed to continue the development of historical research and writing skills. **The students will be required to complete all assignments during the summer.** This course will satisfy the sophomore Modern World History requirement. (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

830 **UNITED STATES HISTORY PART I** (P) Semester Grade 11

PREREQUISITES: Modern World History I & II

This is a required survey course in United States History. This course covers the development of the Constitution, growth of democracy, rise of sectionalism and the problems of the Civil War, the Reconstruction Period, extending through World War I.

831 **UNITED STATES HISTORY PART II** (P) Semester Grade 11

PREREQUISITES: United States History Part I

This is the second part of the required survey course in United States History. This course covers the growth of industrialization and the United States as a world power in the 20th Century.

832 **S AP UNITED STATES HISTORY** (HP) Year Grade 11

PREREQUISITES:

- An "A-" in both semesters in World History and English II (English II Honors students require a "B" or better in both semesters)
- Pass the P.O.W.
- Students must pass a writing placement exam and a diagnostic test administered by the department
- Signature of current history teacher

This is an accelerated course for the above average college prep student in American History. The course covers colonization through 21st Century America. All students are required to take the AP Exam in the Spring. This course will satisfy the junior American History requirement. **The students will be required to complete all assignments during the summer.** Students must pass a diagnostic test with a 75% or better and a writing placement exam administered by the department. (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

840 **UNITED STATES GOVERNMENT** (P) (Required) Semester Grade 12

PREREQUISITES: United States History. (For Zero Period, an additional fee is required. See listing under ZERO PERIOD COURSES FOR DETAILS)

This is a one semester course that focuses on the foundations and structure of the American government. Historical, social, cultural, and religious perspectives will be paid to the philosophy and values of the Founding Fathers, the three branches of government, and the behavior of the contemporary political process. (This course may be open to Grade 11 if enrollment space is available.)

842 **S AP GOVERNMENT** (HP) Year Grade 12

PREREQUISITES:

- "A-" or better in both semesters in US History and English III (AP English Language and Composition students require a "B" or better in both semesters)
- Signature of current history teacher

This course will satisfy the senior American Government requirement. Students will still need to take the required Economics course. This course in US Government and politics is designed to give students a critical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret United States politics and the analysis of specific case studies. It also requires familiarity with the various institutions, group beliefs, and ideas that make up the United States political reality. The students take the AP United States Government and Politics exam for college placement or credit. **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

843 **ECONOMICS** (Required) (P) Semester Grade 12

PREREQUISITES: None. . (For Zero Period, an additional fee is required. See listing under ZERO PERIOD COURSES FOR DETAILS)

This is a one semester survey of economics with instruction on microeconomics, macroeconomics, global economics and personal finance. A survey of contemporary economic systems will be covered as well as several current economic issues in our country and around the world. (This course may be open to Grade 11 if enrollment space is available.)

846 **PSYCHOLOGY** (P) Semester Grades 10-12

PREREQUISITES: None

This course deals with the general study of basic psychological theories and theorists. It is designed to give students a better understanding of human behavior and includes some study of behavior patterns and modifications, as well as mental health. Students taking psychology are encouraged to enroll in sociology the following semester.

847 S **AP PSYCHOLOGY** (HP) Year Grades 10-12

PREREQUISITES:

- “A-” or better in English (“B+” or better in Honors/AP English)
- “A-” or better in Biology (“B+” or better in Honors/AP Biology)
- Signature of current AP Psychology teacher

This course is designed to introduce students to an advanced study of the behavior and mental processes of human beings and animals. The aim will be to provide students with learning experiences equivalent to those in most college introductory courses. **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

848 **SOCIOLOGY** (P) Semester Grades 11-12

PREREQUISITES: None

Sociology is a semester-long course designed to introduce basic concepts and theories concerning the relationship between individuals and society. Topics include social norms, family, group relations, social change, stratification and institutions. Contemporary society and its problems are discussed. The class is available to juniors and seniors. Students taking sociology are encouraged to enroll in psychology the following semester.

823 S **AP HUMAN GEOGRAPHY** Semester Grades 9-10 (**ELECTIVE CLASS; AP APPROVAL PENDING**)

PREREQUISITES: None

AP Human Geography is a semester-long course designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The particular topics studied in an AP Human Geography course should be judged in light of the following five college-level goals that build on the National Geography Standards developed in 1994. On successful completion of the course, the student should be able to: use and think about maps and spatial data; understand and interpret the implications of associations among phenomena in places; recognize and interpret at different scales the relationships among patterns and processes; define regions and evaluate the regionalization process; characterize and analyze changing interconnections among places. **The students are not required to take the AP Exam in May to take this course. However, the exam is required if they wish to receive the the “AP” notation on their transcripts.** (Fee required for AP exam to be paid in the fall.) *Please Note: Many colleges do NOT allow the extra grade point for Honors or AP courses taken during the ninth grade.*

### **\*\*\*VISUAL AND PERFORMING ARTS**

602 **WOMEN'S CHORUS I** (P) Semester Grades 9-12

603 **WOMEN'S CHORUS II** (P) Semester Grades 9-12

PREREQUISITES: None (Fee - no textbook)

This music performance group is open to all students who have the desire to sing. Techniques in tone production and vocal development are emphasized. Members of this group perform at school and community functions. Music chosen for this group is selected from sixteenth century madrigals to contemporary pieces. The highlight of the first semester is a Christmas Concert, with a Spring Concert, choral festival, and graduation performance highlighting the second semester.

609S **AP STUDIO ART** (HP) Year Grades 11-12

PREREQUISITE:

- One year of previous art study
- Presentation of art portfolio to the Fine Arts Department

AP Studio Art is designed for the student who is seriously interested in the practical experience of art. Students choose one of the following two categories: AP Studio Art Drawing and AP Studio Art 3D. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) Students must submit the “AP Exam” portfolio..

610 **ART I** (P) Semester Grades 9-12

PREREQUISITES: None (Fee - no textbook)

Art I is a studio course designed to introduce the student to a variety of techniques, visual vocabularies and media used in drawing, printmaking, basic design and painting. Students are introduced to periods of art and techniques developed throughout history, and are expected to analyze and respond to these works of arts. By the end of the course, students will be expected to apply objective criteria to the creation of their own art during class critiques. Students will be evaluated through projects, quizzes, and tests. Students will complete a semester portfolio.

611 **ART II** (P) Semester Grades 9-12

PREREQUISITES: Completion of Art I or signature of teacher (Fee - no textbook)

Art II is a studio course designed to introduce the student to a variety of techniques, visual vocabularies and media used in drawing, printmaking, basic design and painting. Students are introduced to periods of art and techniques developed throughout history, and are expected to analyze and respond to these works of arts. By the end of the course, students will be expected to apply objective criteria to the creation of their own art during class critiques. Students will be evaluated through projects, quizzes, and tests. Students will complete a semester portfolio.

612 **DRAWING AND PAINTING I** (P) Semester Grades 9-12

PREREQUISITES: None (Fee - no textbook)

Drawing and Painting I is a studio course designed to familiarize the student with a variety of drawing media; including graphite, conte, and charcoal, visual vocabulary, and techniques. The student is introduced to periods of art, styles and techniques as they have developed throughout history and is expected to analyze and respond to these works of arts. The student will be able to apply objective criteria to the creation of her own art during class critiques and display. Students will be evaluated through projects, quizzes, and tests. The students will complete a semester portfolio.

613 **DRAWING AND PAINTING II** (P) Semester Grades 9-12

PREREQUISITES: Completion of Drawing and Painting I or signature of teacher (Fee - no textbook)

Drawing and Painting II is a studio course designed to familiarize the student with a visual vocabulary, media including pastel, watercolor and acrylic and variety of techniques. The student is introduced to periods of art, styles and techniques as they have developed throughout history and is expected to analyze and respond to these works of arts. The student will be able to apply objective criteria to the creation of her own art during class critiques and display. Students will be evaluated through projects, quizzes, and tests. The students will complete a semester portfolio.

614 **SCULPTURE I** (P) Semester Grades 9-12

PREREQUISITES: None (Fee - no textbook)

Sculpture I is a studio course which introduces the student to a variety of hands on experiences and familiarizes the student with a variety of three dimensional art media, visual vocabulary and techniques. The student is introduced to sculptural styles during periods of art as they developed throughout history. The student is expected to analyze and respond to works of arts by sculpture masters and to demonstrate techniques of masters in her own sculpture. The student is expected to apply objective criteria to the creation of her own art during class critiques. Students will be evaluated through projects, quizzes, and tests. The student will complete a semester portfolio.

615 **SCULPTURE II** (P) Semester Grades 9-12

PREREQUISITES: Completion of Sculpture I or signature of teacher (Fee - no textbook)

Sculpture II is a studio course which introduces the student to a variety of hands on experiences and familiarizes the student with a variety of three dimensional art media, visual vocabulary and techniques. The student is introduced to sculptural styles during periods of art as they developed throughout history. The student is expected to analyze and respond to works of arts by sculpture masters and to demonstrate techniques of masters in her own sculpture. The student is expected to apply objective criteria to the creation of her own art during class critiques. Students will be evaluated through projects, quizzes, and tests. The student will complete a semester portfolio.

616 **ELEMENTS OF MUSIC I (THEORY)** Semester Elective Grades 10-12

PREREQUISITES: None

This is the first of two music courses in which the student is introduced to the various concepts of music theory. Topics covered are: notes (pitch and rhythm), scales, intervals, time and key signatures, ear-training, dynamics, harmony, harmonic analysis, four-part writing, form, instruments and voices, arranging, and composition. Students will apply all concepts learned in class to serve as a foundation for writing an original composition as a final project. This course is especially recommended for students interested in joining Women's Chorus, Percussion Ensemble, Steel Drum Band, or Handball Choir.

617 **S ELEMENTS OF MUSIC II (HISTORY)** Semester Elective Grades 10-12

PREREQUISITES:

- Successful completion of Elements of Music I
- Signature of instructor.

This second semester course introduces the student to the world of music history. Topic covered are the six musical periods (Antiquity through Contemporary), further study of the use of instruments and voices as performing media, the lives and works of the great composers, analysis of the form and structure of major symphonic and chamber works, blues, jazz, and popular music. Theory concepts from Elements of Music I will be used as an important foundation for musical analysis projects and assignments. Students, after having completed both Elements of Music courses, will have a better understanding and appreciation of how musical development through the ages has influenced current musical trends and styles.

620 **PHOTOGRAPHY I** (P) Semester Grades 10-12

PREREQUISITES:

- 35 mm film camera
- Fee and Textbook

Photography I is a course designed to familiarize the student with the skills necessary to be able to compose and shoot a photograph, develop film, print a finished photograph, and present/display work exhibiting fundamental knowledge of the photographic process. Students will learn to operate a 35 mm camera and various types of lenses, and will also be exposed to the works of famous photographers and photojournalists. The student will be able to apply objective criteria to the creation of her own photo-art during class critiques and display.

621 **PHOTOGRAPHY II** (P) Semester Grades 10-12

PREREQUISITES:

- Student must have the use of a 35mm camera and digital camera (single lens reflex or range finder).
- Fee + Textbook

Photography II is a course designed to familiarize the student with the skills necessary to be able to compose and shoot a photograph, develop film, print a finished photograph, and present/display work exhibiting fundamental knowledge of the photographic process. Students will learn to operate a 35 mm camera and various types of lenses, and will also be exposed to the works of famous photographers and photojournalists. The student will be able to apply objective criteria to the creation of her own photo-art during class critiques and display.

625 **METAL/JEWELRY ART I** Semester Elective Grades 11-12

PREREQUISITES: None (Fee \$60 – no textbook)

This course is designed to familiarize beginning students with basic metal techniques and processes involved in the design of fine art jewelry and metal objects. Students will be instructed in various methods of design and observation. Projects develop into the use of personal conceptual ideas expressed visually. Students can make rings, pendants, 2-D forms and sculpture from the point of view of the metal smith. Metal smithing processes include sawing, filing, casting, enameling, repousse and many other specialized ancient metal techniques. Students will be working with silver, copper, brass, and nickel. Evaluation is based on effort and progress. A supply fee of \$60.00 is required for this course.

626 S **AP ART HISTORY** Year Grades 11-12 (**AP APPROVAL PENDING**)

PREREQUISITES:

- Completion of Visual and Performing Arts requirement
- “B” or higher in English
- Pass the P.O.W.
- Signature of AP Art History teacher.

AP Art History is designed to provide students an introductory college course in Art History. The students will examine major forms of artistic expressions from the ancient world to the present and from a variety of cultures. They will learn to look and analyze works of art within their historical context, and to articulate what they see or experience in a meaningful way. Students will comprehend on how and why art works communicate visually. There is writing component to this course and AP exam. **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

630 **DRAMA I** (P) Semester Grades 9-12

PREREQUISITES: None (Fee - no textbook)

Drama I is a semester course designed to introduce students to the art and craft of live performance. Topics include the tools of an actor, the design process, costume design, theatre history, and dramatic criticism. Students will present scenes, design costumes, see productions, and participate in a variety of tasks associated with production.

631 **DRAMA II** (P) Semester Grades 9-12

PREREQUISITES: Completion of Drama I (Fee - no textbook)

Drama II builds on the techniques of Drama I to explore scene study, Shakespeare, and improvisation. Special attention is paid to the role of the director as leader of the production process. Students will also design sets and learn theatrical make-up skills. After attending productions, students are then required to take on a production role in a showcase of scenes.

901 **DANCE I** (P) Semester Grades 9-12

PREREQUISITES: None (Fee + Textbook)

Students **must** purchase a pair of pink ballet shoes and black dance/jazz/yoga pants and either a black leotard or black tank top. Dance involves student participation in various aspects of movement. The student will develop aesthetic perception and valuing, creative expression, and will study dance heritage. The goals will be accomplished by assignments and performances throughout the course. Expression and exploration of dance style and forms will take place through creative development of space, time and energy. Subjects covered will be kinesiology of major muscles, vocabulary, classes in ballet, modern and jazz, social and political influences on dance, and choreography. (With administrative approval, this course may count for second semester P.E. credit.)

902 **DANCE II** (P) Semester Grades 9-12

PREREQUISITES: One semester of Dance I or the signature of the teacher. (Fee + Textbook)

Students **must** purchase a pair of pink ballet shoes and black dance/jazz/yoga pants and either a black leotard or black tank top. A continuing class designed for the students who desire increased technical performance and quality. Subjects covered will be: vocabulary, classes in ballet, modern and jazz, dance history, elements of a theatrical production, and careers in dance. Students will work as a "company" to create a full dance performance. (With administrative approval, this course may count for second semester P.E. credit.)

903 **DANCE III** Semester Grades 11-12

PREREQUISITES: Dance I & II or signature of the dance teacher. (Fee + textbook)

Students must purchase a pair of pink ballet shoes and black jazz/yoga/dance pants and either a black leotard or black tank top. An advanced continuing class designed for the students who desire increased technical performance and quality. It will be a more intensive approach to the choreographic process and development of more advanced dance skills and technique. (With administrative approval, this course may count for second semester P.E. credit.)

### **\*\*\*WORLD LANGUAGES**

410 S **FRENCH I** (P) Year Grades 9-12

PREREQUISITES: None

This course is designed for those with little or no previous exposure to the French language. The goal of the course is to build speaking, listening, writing, reading, and cultural proficiency through communicative techniques, primarily the Natural Approach.

411 S **FRENCH II** (P) Year Grades 9-12

PREREQUISITES:

- French I with "C" or better.
- Signature of current French teacher.

This course is the sequel to French I. The goal of the course is to continue building on elementary structures, still emphasizing speaking, listening, writing, reading, and cultural proficiency as the goal of instruction. Special attention is paid to vocabulary expansion and oral proficiency.

412 S **FRENCH III** (P) Year Grades 10-12

PREREQUISITES:

- French II with a "C" or better.
- Signature of current French teacher.

The course is designed to build on the elementary-intermediate structures covered in French II. The goal of the course is to present more sophisticated structures while still emphasizing the five skills of language proficiency. Successful students will have a comprehensive base of intermediate-advanced structures, with a general knowledge of francophone culture.

413 S **FRENCH III HONORS** (HP) Year Grades 10-11

PREREQUISITES:

- An "A" in French I and II.
- Signature of current French teacher.

This course is designed for advanced students of French who wish to develop their listening, speaking, writing, and reading skills at an accelerated pace. Students complete MORE WORK in skills level than the regular French 3.

414 S **FRENCH IV** (P) Year Grade 12

PREREQUISITES: Students must have the desire to study and have maintained an “A” or “B” average in French 3.

This course is designed for advanced students. It offers a comprehensive overview of grammar with an emphasis on culture, conversation and presentations through skits, writing and literary readings. Successful students will have a comprehensive base of the intermediate and advanced structures and be prepared for intense study of grammar, writing and conversation.

415 S **AP FRENCH** (HP) Year Grades 11-12

PREREQUISITES:

- French III with “B” or better.
- Signature of current French teacher.

This is the capstone course of the French curriculum designed for advanced students. It offers a comprehensive overview of grammar for the purposes of preparing the student for the AP language exam. Students work on mastering writing, speaking, reading, and listening proficiency through the intensive study of the required textbook, French literature, and the AP curriculum. A cassette recorder is required for this course. **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) **For the 2010-2011 academic year, the AP French Exam is optional.**

420 S **SPANISH I** (P) Year Grades 9-12

PREREQUISITES: None

This course is designed to introduce beginners to the basic skills of language learning. Pronunciation techniques, basic conversation, reading and simple writing are taught. The audio-lingual approach is used.

422 S **SPANISH II** (P) Year Grades 9-12

PREREQUISITES GRADES 10-12:

- Spanish I with “C” or better.
- Signature of current Spanish teacher.

PREREQUISITES GRADE 9: This course is open to incoming freshman students who are either: (1) native speakers who demonstrate an ability to comprehend and produce Spanish but have little or no formal instruction; or (2) non-native or native speakers who have successfully completed a one-year course in Spanish I. Incoming freshmen who wish to apply for admission to this course must take the SJHS Spanish Placement Test, which includes demonstration of ability in three areas in the target language: Grammar and Reading Comprehension; Essay/Writing Skills; Oral/Speaking Skills. Students who meet these qualifications and receive a 70% or higher in all three components of the SJHS Spanish Placement Test be invited to enroll into the Spanish II class.

This course is designed to build on the skills introduced in Spanish I. Emphasis is placed on reading comprehension and grammar. Vocabulary building of everyday items, listening comprehension, and conversation play an important part in the course. During the second semester emphasis is on oral facility.

424 S **SPANISH III** (P) Year Grades 10-12

PREREQUISITES:

- Spanish II with “B” or better.
- Signature of current Spanish teacher.

This course is designed to develop conversation, writing, and reading skills on a more advanced level. It is comprised of short stories in Spanish from a variety of Spanish-speaking countries, grammar review, and an introduction to brief forms of extemporaneous speaking.

425 S **SPANISH III HONORS** (HP) Year Grades 10-12

PREREQUISITES:

- An “A” in Spanish I and Spanish II
- Students must pass a placement test administered by the department
- Signature of current Spanish teacher

This course is designed to develop advanced conversation, writing, and reading skills at an accelerated pace. It is comprised of short stories in Spanish from a variety of Spanish-speaking countries, grammar review and extemporaneous speaking. During the second semester, there are added lectures and films on Spanish culture and tradition as it pertains to the Latin American world. Added emphasis will be placed on narrative and essay writing. A cassette recorder is required.

426 S **AP SPANISH LANGUAGE** (HP) Year Grades 11-12

PREREQUISITE:

- Spanish III, Spanish IV, and Spanish I Honors (formerly Spanish I Heritage Speaker) with an “A.”
- A writing sample to demonstrate competency
- Signature of current Spanish teacher.

This course is aimed at refining all language skills, i.e. reading, writing, comprehension and conversation. During the year, several short stories are read and analyzed. Informal and formal essays are written using oral and written prompts. During the second semester the emphasis is on oral communication skills and preparation for the AP test. A cassette recorder is required. **The students will be required to complete all assignments during the summer.** (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

427 S **AP SPANISH LITERATURE** (HP) Year Grades 11-12

PREREQUISITES:

- Spanish II Honors (formerly Spanish II Heritage Speaker) with a grade of “A” or Spanish III with a grade of “A.”
- A writing sample demonstrating competence in written Spanish.
- Student must be a fluent Spanish speaker.
- Signature of current Spanish teacher.

This course is intended to be the equivalent of college introduction to Hispanic Literature covering selected works from the literatures of Spain and Latin America. Texts covered will begin from the medieval period to contemporary authors. The function of this course is to facilitate students' learning of basic concepts about literary genre and terminology in order to analyze works of literature orally and in written form at the college level. **The students will be required to complete all assignments assigned during the summer.** (Fee required for AP exam to be paid in the fall.) All AP students must take the AP exam.

428 S **SPANISH IV** (P) Year Grades 11-12

PREREQUISITES:

- Spanish II Honors (formerly Spanish II Heritage Speaker) with “B” or Spanish III with “B: or better.
- Signature of current Spanish teacher.

This course continues the development and refinement of grammar and language skills with increased emphasis on literature, discussion, composition, oral presentations, and culture. Students will also be trained to take the AP Spanish Language exam. (Taking the test is optional).

429 S **SPANISH I HONORS** (P) Year Grade 9 -12

**(FORMERLY SPANISH I HERITAGE SPEAKER; APPROVAL PENDING FOR NAME CHANGE)**

PREREQUISITES: This course is open to students who are either: (1) native speakers who demonstrate an ability to comprehend and produce Spanish but have little or no formal instruction; or (2) non-native or native speakers who have successfully completed a one-year course in Spanish I. Incoming freshmen who wish to apply for admission to this course must take the SJHS Spanish Placement Test, which includes demonstration of ability in three areas in the target language: Grammar and Reading Comprehension; Essay/Writing Skills; Oral/Speaking Skills. Students who meet these qualifications and receive a 75% or higher in all three components of the SJHS Spanish Placement Test be invited to enroll into the Spanish I Honors (Heritage) class.

This course is designed for speakers of Spanish who demonstrate an ability to comprehend and produce Spanish but have little or no formal instruction. The course intends to improve students' existing skills in Spanish by expanding their knowledge of the language, facilitating more effective communication in reading, writing and speaking abilities and expanding on the cultural experience of the Spanish-speaking community.

433 S **SPANISH II HONORS** (P) Year Grade 9 -12

**(FORMERLY SPANISH II HERITAGE SPEAKERS; APPROVAL PENDING FOR NAME CHANGE)**

PREREQUISITES: This course is open to students who are either: (1) native speakers who demonstrate an ability to comprehend and produce Spanish but have little or no formal instruction; or (2) non-native or native speakers who have successfully completed a one-year course in Spanish I. Incoming freshmen who wish to apply for admission to this course must take the SJHS Spanish Placement Test, which includes demonstration of ability in three areas in the target language: Grammar and Reading Comprehension; Essay/Writing Skills; Oral/Speaking Skills. Students who meet these qualifications and receive a 90% or higher in all three components of the SJHS Spanish Placement Test be invited to enroll into the Spanish II Honors (Heritage) class.

This course is designed for speakers of Spanish who demonstrate an ability to comprehend and produce Spanish but have little or no formal instruction. This course is a continuation of Spanish I Honors, formerly Spanish I Heritage Speaker. It uses the concepts acquired

in Spanish I Honors and expands on facilitation of more effective communication in reading, writing and speaking abilities while further exploration of the cultural experience of the Spanish-speaking community continues.

**440 ITALIAN I (P) Year Grades 9-12**

PREREQUISITES: None

Italian I is a course designed for those with little or no previous knowledge of Italian. Its purpose is to lay the foundation for speaking, reading, writing, listening, and cultural proficiency through the use of the Natural Method/TPR and the required textbook. The successful student will gain mastery of novice-level structures and be prepared for more advanced structures in Italian II.

**441 S ITALIAN II (P) Year Grades 9-12**

PREREQUISITES:

- Italian I with “C” or better.
- Signature of current Italian I teacher.

This course is a continuation of the study of Italian I. The goal of the course is to build on structure, conversational speaking, listening, writing, and cultural proficiency. Successful students will have a comprehensive base of intermediate and advanced structures, with a general knowledge of Italian culture.

**442 S ITALIAN III (P) Year Grades 10-12**

PREREQUISITES:

- Italian II with a “C” or better.
- Signature of current Italian teacher.

Italian III is an advanced course culminating the skills acquired from Italian I and II. This course will focus on all verb tenses, build on vocabulary, emphasize speaking pronunciation, and focus on an in-depth cultural appreciation. Italian literature will also be incorporated for the students to analyze the Italian culture. Successful students will achieve proficiency in the Italian language and culture.

**443S ITALIAN IV (P) Year Grades 11-12**

PREREQUISITES:

- Italian III with a “B” or better.
- Signature of current Italian teacher.

This course emphasizes the use of language for active communication. The student will gain greater skill in spoken Italian in different contexts. Reading skills will be further developed and the student will gain better skills in expressing herself in Italian both in speech and in writing.

**\*\*\*NON-DEPARTMENTAL**

NOTE: The following courses are graded PASS/FAIL--that is five credits are given but the course is not figured in the GPA. ONLY TWO SEMESTERS (10 credits) of these courses can be counted as part of the needed 240 credits for graduation.

**917 S TEACHER ASSISTANT Semester Grades 11-12**

PREREQUISITES: This course must be approved by the department in which the student will be working. TEACHER ASSISTANT WILL BE ASSIGNED TO DEPARTMENTS. DEPARTMENT CHAIRPERSONS WILL ASSIGN STUDENTS TO PARTICULAR TEACHERS AT THE BEGINNING OF THE SEMESTER. Application forms are available in Academic Dean's Office.

Teacher Assistants will be responsible for the general supervision of any and all of the activities which have been identified by the department chairperson/teacher.

**918 S LIBRARY ASSISTANT Semester Grades 11-12**

PREREQUISITES: Signature of Director of Media Center

Students learn to apply basic principles and techniques of librarianship through daily experience in performing circulation procedures, maintaining print and non-print materials in proper order based on the Dewey decimal classification system, using various reference tools under the supervision of the librarians, and learning the value of working independently.

**919S OFFICE ASSISTANT Semester Grades 11-12**

PREREQUISITES: Signature of staff member who will direct assistant.

A practical course in which students assist in the school office.

## **ZERO PERIOD COURSES**

The following courses will be offered from 7:00 to 7:45. There is an additional \$250 fee for these courses.

FIRST SEMESTER #841 ECONOMICS (P) Grades 11-12

SECOND SEMESTER #844 US GOVERNMENT (P) Grades 11-12

840 **UNITED STATES GOVERNMENT** (P) (Required) Semester Grade 12

PREREQUISITES: United States History. (For Zero Period, an additional fee is required. See listing under ZERO PERIOD COURSES FOR DETAILS)

This is a one semester course that focuses on the foundations and structure of the American government. Historical, social, cultural, and religious perspectives will be paid to the philosophy and values of the Founding Fathers, the three branches of government, and the behavior of the contemporary political process.

843 **ECONOMICS** (Required) (P) Semester Grade 12

PREREQUISITES: None. . (For Zero Period, an additional fee is required. See listing under ZERO PERIOD COURSES FOR DETAILS)

This is a one semester survey of economics with instruction on microeconomics, macroeconomics, global economics and personal finance. A survey of contemporary economic systems will be covered as well as several current economic issues in our country and around the world.

## ENGLISH MATRICULATION TABLE

CURRENT COURSE	CURRENT GRADE (AVERAGE OF BOTH SEMESTERS)	ADDITIONAL PREREQUISITES	COURSE OPTIONS
English I	A, B, C, D		English II
	A, A- (90%)	85% average on all formal essays; passage of the POW	English II Honors
English I Honors	B-(82.9%), C, D		English II
	A, B (83%)	Passage of the POW	English II Honors
English II	A, B, C, D		English III
	A, A-(90%)	85% average on all formal essays; passage of the POW 85% average on all formal essays; passage of the POW; additional coursework and diagnostic test as required by current AP Language teacher.	AP Language and Composition*
English II Honors	B-(82.9%), C, D		20 <sup>th</sup> -Century Literature and Women's Literature
	A, B (83%)		AP Language and Composition*
English III	A, B, C, D		English IV
	AP Literature and Composition is open to any senior willing to challenge herself and commit to taking the AP Exam.		AP Literature and Composition*
AP Language	A, B, C, D		20 <sup>th</sup> -Century Literature and Women's Literature
	AP Literature and Composition is open to any senior willing to challenge herself and commit to taking the AP Exam.		AP Literature and Composition*
20 <sup>th</sup> Century Lit; Women's Lit,	AP Literature and Composition is open to any senior willing to challenge herself and commit to taking the AP Exam.		AP Literature and Composition*
	A, B, C, D		English IV

\*NOTE: Students taking an AP English class must commit to taking the AP exam

### ENGLISH ELECTIVE COURSES:

The following English Elective Courses will be offered based on student interest and availability. These courses only count as elective courses, and students must complete the designated (P) course for graduation credit.: **Arthurian Legend, Film as Literature, Literary Composition, World Mythology**

### PREREQUISITES:

- JUNIORS: Successful completion of prior English class and concurrent enrollment in Junior-level English;
- SENIORS: Successful completion of prior English class and concurrent enrollment in Senior-level English;
- Signature of English Department Chairperson

## MATHEMATICS MATRICULATION TABLE

CURRENT COURSE	CURRENT GRADE (AVERAGE OF BOTH SEMESTERS)	ADDITIONAL PREREQUISITES	COURSE OPTIONS
Algebra I, Part I	A, B, C, D		Algebra I, Part II
Algebra I, Part II	A, B, C	Signature of Current Math Teacher	Geometry
Algebra I, Part II	D	Signature of Current Math Teacher	Basic Geometry
Algebra I	A (96 or above) A-, B, C (73)	Signature of Current Math Teacher	Honors Geometry Geometry
Algebra I	C-, D	Signature of Current Math Teacher	Basic Geometry
Basic Geometry	A, B, C (73)	Signature of Current Math Teacher	Geometry
Basic Geometry	C-, D	Signature of Current Math Teacher	Consumer Math
Geometry	A, B, C (73)	Signature of Current Math Teacher	Algebra II
Geometry	C-, D	Signature of Current Math Teacher	Algebra II, Part I
Geometry Honors	A, B (83)	Signature of Current Math Teacher	Algebra II Honors
Geometry Honors	B-, C, D	Signature of Current Math Teacher	Algebra II
Algebra II, Part I	A, B, C	Signature of Current Math Teacher	Algebra II, Part II
Algebra II, Part I	D	Signature of Current Math Teacher	Consumer Math
Algebra II or Algebra II, Part II	A, B, C+ (77) C D	Signature of Current Math Teacher	Pre Calculus or Statistics Advanced Math or Statistics Consumer Math
Algebra II Honors	A, B (83)	Signature of Current Math Teacher	Pre Calculus Honors
Algebra II Honors	B-, C	Signature of Current Math Teacher	Pre Calculus or Statistics
Algebra II Honors	D	Signature of Current Math Teacher	Advanced Math or Statistics
Pre Calculus	A (96)	Signature of Current Math Teacher	AP Calculus, AP Statistics, or Statistics
Pre Calculus	B, C	Signature of Current Math Teacher	Statistics
Pre Calculus Honors	A, B (83)	Signature of Current Math Teacher	AP Calculus or AP Statistics
Pre Calculus Honors	C	Signature of Current Math Teacher	Statistics
<p>**Honors Courses – Students are selected for honors courses by the Math Department.</p> <p>**Students with an F for a semester grade in any math course must retake the course in summer school before registering for another math course.</p>			

## SCIENCE MATRICULATION TABLE

CURRENT COURSE	CURRENT GRADE (AVERAGE OF BOTH SEMESTERS)	ADDITIONAL PREREQUISITES	COURSE OPTIONS
<b>FRESHMAN</b>			
None	GPA 3.8 or above	at least an A- in Algebra I	Honors Chemistry
	GPA 3.0-3.8 or above	at least a B in Algebra I	General Chemistry OR General Biology
	GPA 2.5-3.0	at least a C in Algebra I	General Biology
	GPA 2.5-2.0		Survey of Physical Science
	GPA below 2.0		Life Science
<b>SOPHOMORES</b>			
Chemistry	GPA 3.8 or above	at least an A- in General Chemistry OR a B in Honors Chemistry	Honors Biology
	GPA 2.5-3.8		General Biology
Biology	GPA 3.8 or above	at least an A- in Algebra I	Honors Chemistry
	GPA 3.0-3.8	at least a C in Algebra I	General Chemistry
	GPA below 2.5		Survey of Physical Science
Physical Science	GPA 2.0 or above		General Biology
Life Science			Survey of Physical Science
<b>JUNIORS</b>			
			Science electives may be taken concurrently
Biology AND Chemistry completed	GPA 3.8 or above	at least a B in Pre-Calculus AND at least an A- in Chemistry	Honors Physics
	GPA 2.5 or above	at least a B in Algebra II AND Chemistry	Physics
	GPA 3.0 or above	at least a grade of B in Honors Biology AND Honors Chemistry OR an A in General Biology AND General Chemistry	AP Biology
Biology AND Chemistry/Physical Science completed	GPA 3.0 or above	at least a B in Biology and a C in Chemistry OR Physical Science	AP Environmental Science
	GPA 2.8 or above	at least a C in Biology	Anatomy & Physiology AND/OR Marine Biology
Life Science AND Physical Science completed			General Biology

**\*Forensic Science: This semester-long class is offered to freshmen as a summer elective course.**

### MINIMUM REQUIREMENTS:

1. One year of biological science (General Biology or Honors Biology)
  2. One year of physical science (Survey of Physical Science, General or Honors Chemistry)
- Three years of science are recommended for college prep students.
    - 3rd year Electives: Physics or Honors Physics (1 year)
    - Anatomy and Physiology (1 year)
    - AP Biology (1 year – taken after Honors Biology)
    - Marine Biology (1 year)