

REQUIREMENTS FOR GRADUATION

2012-2013

The following credit requirements must be met by all students at St. Joseph's Academy:

Theology	4 credits
English	4 credits
Mathematics	4 credits
Social Studies	3 credits
Science	3 credits
World Language	2 credits
Fine Arts	1 credit
Business	1 credit
Physical Education	1 credit
Electives	4.5 credits or more

To meet the graduation requirements, a student must carry a minimum of:
7 credits freshman, sophomore and junior years, and 6.5 senior year.

In addition, each student is required to participate in service projects. The graduation requirements are:

Freshmen:	10 hours of service
Sophomores:	14 hours of service
Juniors:	18 hours of service
Seniors:	20 hours of service plus the Senior Service Project according to the procedures outlined in the 2012-2013 Parent-Student Handbook.

REGISTRATION

It is very important that each student's registration be correct and complete.

1. Study the entire curriculum guide carefully.
2. Note the requirements for graduation.
3. Be sure that all prerequisites are met before registering for a course.
4. Discuss your course selections with your parents, your teachers and your counselors.
5. Follow carefully the directions for registration that will be given to you.

Note: Any course with insufficient registration will be cancelled.

Please note: Schedule changes for the 2012-2013 school year can only be made in May 2012. Changes cannot be made to year-long classes. There is a \$50.00 charge for schedule changes.

WEIGHTED GRADE SYSTEM

Course offerings are classified as: HONORS and ACADEMIC. These classifications are the basis for grade point values.

GRADE POINT VALUES:

GRADE	HONORS	ACADEMIC
A	4.5	4
B	3.5	3
C	2.5	2
D	1.5	1

HONORS COURSES:

EN 130 Honors English II
EN 140 Honors English III
EN 160 AP/ACC English IV/College Composition and Introduction to Literature
TH 235 ACC Theological Foundations
MT 314 Freshman Honors Geometry
MT 315 Honors Geometry
MT 330 Honors Algebra II
MT 341 Honors Precalculus
MT 342 Honors Trigonometry
MT 350 AP/ACC Calculus
SC 507 Honors Introduction to Chemistry
SC 508 Honors Introduction to Physics
SC 510 Honors Biology
SC 530 Honors Chemistry
SC 540 Honors Physics
SC 550 Honors Human Anatomy & Physiology
SC 562 AP Environmental Science
SC 565 ACC Forensics Science
SC 567 AP Biology
SS 604 Honors Global Literacy
SS 616 Honors World History
SS 630 AP/ACC European History
SS 633 AP American Government & Politics
SS 635 Honors American Government & Politics
SS 641 Honors Psychology
SS 646 Honors Global Issues
SS 650 ACC American History
SS 651 AP American History
FA 728 Honors Portfolio
FA 733 ACC Art History
WL 914 Honors French Literature and Composition
WL 926 Honors Spanish Culture/Conversation
WL 935 AP/ACC Spanish

*Courses not listed above fall into the academic category and carry that grade point value.

*Only courses taken at SJA are computed in the grade point average.

GRADING SCALE

		<u>Regular</u>	<u>Honors</u>	<u>Comments</u>
A+	99-100	4.33	4.83	Excellent Mastery of course material.
A	95-98	4.00	4.50	Superior mastery of course material that exceeds the minimum objectives of the course.
A-	93-94	3.67	4.17	Good mastery of course material
B+	91-92	3.33	3.83	Mastery of course material above the B level.
B	87-90	3.00	3.50	Mastery of course material that meets the objectives of the course.
B-	85-86	2.67	3.17	Good mastery of the course objectives but room for improvement.
C+	83-84	2.33	2.83	Mastery of course material approaching that expected of college preparation. The student indicates ability to move to the B level.
C	79-82	2.00	2.50	Adequate mastery of course material towards college preparation.
C-	77-78	1.67	2.17	Mastery below expected minimum. Academic Probation applied.
D+	75-76	1.33	1.83	Mastery substantially below minimum. Student has the ability to move from D+ to C level
D	72-74	1.00	1.50	Mastery substantially below expected minimum
D-	70-71	.67	1.17	Mastery substantially below expected minimum. Danger of failure.
F	69		.00	Definite failure to master course material.

HONOR ROLL:

FIRST HONORS

3.9 and above

SECOND HONORS

3.5 and above

HONORS POLICY

Department members, in consultation with the Principal, establish criteria for student entrance into courses carrying honors or advanced weight. A student seeking departmental recommendation for these courses must meet all established criteria.

ON-CAMPUS COLLEGE CREDIT OPPORTUNITIES

St. Joseph's Academy offers the opportunity for students to take selected honors courses for either advanced college credit and/or in preparation for the Advanced Placement Exam sponsored by the College Entrance Examination Board. To indicate such options the terms ACC (Advanced College Credit) and AP (Advanced Placement) are used. Students enrolled in ACC classes who want to apply for college credit must also register for college credit through the sponsoring college or university. ACC courses at St. Joseph's Academy are offered through St. Louis University's 1818 program. Students enrolled in AP Classes must take the AP exam at the

end of the course. The score earned on the AP exam is used by the college/university the student attends upon her graduation from St. Joseph's Academy to determine the hours of college credit the student may receive in a particular subject area.

HONORS, AP, or ACC

Some students at St. Joseph's Academy are recommended by their teachers to take Honors, AP or ACC courses. Criteria for recommendations is determined by each department as stated in the Curriculum Guide. Once recommended, the student and her parents decide whether or not to register for the recommended class. All Honors, ACC and AP classes are more challenging and carry a GPA weight of .5. Students may take no more than four classes at the level of Honors, ACC or AP per year.

Colleges and universities like to see applicants who have challenged themselves while in high school, so taking a weighted class is always a good idea. Students need to know, however, that Honors classes require more time and more work and a student will not be allowed to drop a class after the first 5 days of the class. Students need to make sure they are not carrying too heavy a course load.

HONORS courses are more challenging courses; they carry extra GPA weight, but they do not carry any college credit or potential for college credit.

ACC (Advanced College Credit) courses are more challenging courses; they carry extra GPA weight, and do carry college credit IF the student pays an additional fee to St. Louis University. A student must have a minimum cumulative of 3.0 to enroll in a 1818 course. If the student pays the SLU fee, she then has a transcript from St. Louis University which will reflect the grade she earned in the course at St. Joe. These classes, sometimes called 1818 courses, may or may not be accepted by the college or university a student ultimately attends. Many schools will accept 1818 college credits on a limited basis, some schools will accept all of them, and some will accept none of these credits. Therefore, a student should contact any potential college or university prior to registering with St. Louis University to determine that school's policy on ACC acceptance.

AP (Advanced Placement) courses are more challenging courses; they carry extra GPA weight, and carry almost universal acceptance for credit at colleges and universities - provided the student has scored an acceptable score on an AP exam. These exams have a fee that goes directly to the College Board. AP scores range from 1 to 5 with 3, 4, or 5 usually acceptable to many, but not all, schools. Some schools require a 4 or 5 for credit to be granted. Check with individual schools for their AP acceptance policies. Any student taking an AP class anywhere in the U.S.A. will take the same exam as every other student on the same day and must earn a required score in order to receive college credit. This uniformity gives AP the credibility colleges and universities desire.

AP/ACC classes carry both designations because the course bears the opportunity for either AP or ACC if fees are paid. The student selects the designation for the course.

CURRICULUM

Freshman Year:

Course	Credits
English	1.0
Theology	1.0
Math	1.0
Physical Education	0.5
Science	1.0
Social Studies	0.5
Fine Arts	0.5
Business	0.5
World Language	1.0
Required Credits	7.0

Sophomore Year:

Course	Credits
English	1.0
Theology	1.0
Math	1.0
World Language	1.0
Science	1.0
Social Studies	1.0
Electives	1.0
Required Credits	7.0

Junior Year:

Course	Credits
English	1.0
Theology	1.0
Math	1.0
Science	1.0
Social Studies	1.0
Electives	2.0
Required Credits	7.0

Senior Year:

Course	Credits
English	1.0
Theology	1.0
Math	1.0
Social Studies	0.5
Minimum Electives	3.0
Minimum Required Credits	6.5

DEPARTMENTAL SEQUENCE CHARTS

ENGLISH DEPARTMENT 100'S		<u>One full credit required each year</u>	
<u>9th Grade</u>		<u>10th Grade</u>	
English I	EN 100	English II	EN 101
		Honors English II	EN 130
<u>11th Grade</u>		<u>12th Grade</u>	
English III	EN 121/122	Mod Am Classics in Fiction	EN 136
Honors English III	EN 140	Lit of Controversy	EN 137
Creative Composition	EN 141	Creative Composition	EN 141
Intro to Journalism	EN 145	Shakespeare	EN 142
		College Prep Writing	EN 143
		Intro to Journalism	EN 145
		AP/ACC English IV	EN 160
THEOLOGY DEPARTMENT 200'S		<u>One full credit required each year</u>	
<u>9th Grade</u>		<u>10th Grade</u>	
Freshman Theo	TH 201	Sophomore Theo	TH 203
<u>11th Grade</u>		<u>12th Grade</u>	
Social Justice	TH 218	Death and Dying	TH 205

World Religions	TH 221	Women of Faith	TH 219
		The Challenge of Discipleship	TH 233
		ACC Theo Foundations	TH 235

MATHEMATICS DEPARTMENT 300'S One full credit required each year

<u>9th Grade</u>		<u>10th Grade</u>	
Algebra I	MT 300	Geometry	MT 310
Algebra IE	MT 301	Hnr Geometry	MT 315
Fresh Hnr Geometry	MT 314	Adv Algebra II	MT 320
		Hnr Algebra II	MT 330
 <u>11th Grade</u>		 <u>12th Grade</u>	
Algebra II	MT 311	Intro to Trig	MT 312
Intro to Prob & Stats	MT 313	Intro to Prob & Stats	MT 313
Adv Algebra II	MT 320	Pre Calculus	MT 331
Hnr Algebra II	MT 330	Honors Pre-Calculus	MT 341
Pre Calculus	MT 331	Hnr Trigonometry	MT 342
Honors PreCalculus	MT 341	Calculus	MT 345
Hnr Trigonometry	MT 342	AP/ACC Calculus*	MT 350
		Integr Apps of Math (& Science)	MT 361
		<i>(Must register with SC 561)</i>	

*AP Calculus in Senior year requires that you take MT 330 and MT 342 as a Junior, which means you are doubling in Math courses during second semester. Juniors who double up in Math will not be able to fit Advanced Chorus AND a World Language into their schedules.

PHYSICAL EDUCATION 400's		<u>One full credit required</u>	
<u>9th Grade</u>		<u>9th Grade, 10th Grade, 11th Grade, or 12th Grade</u>	
Phys Ed**	PE 400	Dance I*	PE 404
Dance 1**	PE 404	Dance II*	PE 405
		Dance III*	PE 408
		Dance Workshop*	PE 409
		Strength Conditioning and Training	PE 415
		Wellness for Women Leaders (Fr & So)	PE 417
		Wellness for Women Leaders (Jr & Sr)	PE 418
		Advanced Lifetime Sports***	PE 420

*These classes may be taken for a PE or FA credit but not both—refer to FA department for FA course number.

**For students taking Freshman Chorus

***This class is also offered in summer school.

SCIENCE DEPARTMENT 500'S		<u>Three full credits required</u>	
<u>9th Grade</u>		<u>10th Grade</u>	
Intro to Chem	SC 502	General Biology	SC 505
Intro to Physics	SC 503	Hnr Biology	SC 510
Hnr Intro to Chem	SC 507		
Hnr Intro to Physics	SC 508		
<u>11th Grade</u>		<u>12th Grade</u>	
Environmental Chem	SC 515	Physics of Mot, Forces & Energy	SC 536

General Chem	SC 520	Physics of Fluids, Elect, & Waves	SC 537
Hnr Chem	SC 530	Honors Physics	SC 540
Zoology**	SC 546	Human Anatomy	SC 545
AP/Hnr Env Science	SC 562	Zoology**	SC 546
Genetics	SC 547	Genetics	SC 547
Marine Science**	SC 563	Honors Anatomy & Physics	SC 550
		Integrated Appl of Math & Science	SC 561
		<i>(Must register with MT 361)</i>	
		AP Environ Science	SC 562
		Marine Science**	SC 563
		ACC Forensic Science	SC 565
		AP Biology	SC 567

** Offered alternate years (refer to course descriptions for years offered)

SOCIAL STUDIES DEPARTMENT 600'S Three full credits required

<u>9th Grade</u>		<u>10th Grade</u>	
Global Literacy	SS 603	Geo & World Hist I	SS 615
Hnr Global Literacy	SS 604	Geo & World Hist II	SS 616
		Hnr Geo & World Hist I	SS 617
		Hnr Geo & World Hist II	SS 618
 <u>11th Grade</u>		 <u>12th Grade</u>	
Amer History	SS 628	AP/ACC/Europ Hist	SS 630
Current Events	SS 632	Current Events	SS 632
AP Amer Gov & Pol	SS 633	AP Amer Gov't & Politics	SS 633
Amer Gov & Pol	SS 634	American Gov't & Politics	SS 634
Hon Amer Gov	SS 635	Hnr Amer Gov't & Politics	SS 635
20 th Century	SS 637	20 th Century	SS 637
Global Issues	SS 645	Psychology	SS 639
Honor Global Iss	SS 646	Honors Psychology	SS 641
ACC Amer His	SS 650	Global Issues	SS 645
AP Amer His	SS 651	Honor Global Issues	SS 646

FINE ARTS DEPARTMENT 700'S One full credit required

<u>9th Grade</u>			
Intro to Visual Art	FA 701		
Speech & Theatre Work	FA 702		
Freshman Chorus	FA 712		
 <u>10th Grade or 11th Grade or 12th Grade</u>			
Theatre	FA 703	Ceramics I	FA 727
Discussion & Debate	FA 705	Hnr Portfolio (<i>Seniors only</i>)	FA 728
Communication Skills	FA 706	Intro to Dig Photo/Photoshp	FA 732
Advanced Acting	FA 708	ACC Art History	FA 733
Advanced Chorus	FA 711	Photoshp & Adobe Illustrat	FA 735
Frontenac Voices	FA 713	Ceramics II	FA 739
Music Theory	FA 715	Sculpture	FA 740
Handbell Ensemble	FA 716	Photoshp & Adobe Illustrat	FA 745
Instrumental Ensemble	FA 718	Dance I *	FA 748
Design	FA 721	Dance II*	FA 749

- literature and the literature of other cultures.
2. To develop an appreciation of content, purpose, and structure in literature.
 3. To provide training and practice in grammar, vocabulary development, and composition skills to enable the students to communicate effectively.
 4. To provide, through language, and literature studies, the opportunities for inquiry, collaborative learning and critical thinking.
 5. To integrate technological tools into all areas of the English learning experience.

REQUIREMENTS:

Four credits in English are required at St. Joseph's Academy.

One credit is required of freshmen.

One credit of American literature is required of sophomores.

One credit of English literature is required of juniors.

Seniors are required to take two elective one-semester courses or one elective year long course.

ENGLISH DEPARTMENT POLICY FOR HONORS COURSE ELIGIBILITY:

To Register for EN 160 Honors English IV:

Students in Honors English III who have a B+ or above for the first semester may register for Honors English IV. These students must maintain a B+ average or above for the second semester in order to remain in Honors English IV. If they do not, they will be contacted by the registrar to select two elective English courses to fulfill the senior year requirement in English.

Students in Honors English III who have a B for the first semester may take the test to qualify for Honors English IV. Their eligibility to register for Honors English IV will be determined by their performance on the test and English department recommendation. In addition, those students accepted into Honors English IV must attain a B+ average or above for the second semester in order to remain in the course. If they do not, they will be contacted by the registrar to select two elective English courses to fulfill the senior year requirement in English.

Students in regular English III who have an A- or above for the first semester may take the test to qualify for Honors English IV. Their eligibility to register for Honors English IV will be determined by their performance on the test and English department recommendation. Those students accepted into Honors English IV must maintain an A- average or above for the second semester in order to remain in the course. If they do not, they will be contacted by the registrar to select two elective English courses to fulfill the senior year requirement in English.

To Register for EN 140 Honors English III:

Students in Honors English II who have a B+ or above for the first semester may register for Honors English III. They must maintain a B+ average or above for the second semester in order to remain in Honors English III. If they do not, they will be automatically enrolled in regular English III to fulfill the junior year requirement in English.

Students in Honors English II who have a B or above for the first semester may take the test to qualify for Honors English III. Their eligibility to register for Honors English IV will be determined by their performance on the test and English department recommendation. In

addition, those students accepted must attain a B+ average or above for the second semester in order to remain in Honors English III. If they do not, they will be automatically enrolled in regular English III to fulfill the junior year requirement in English.

Students in regular English II who have an A- or above for the first semester may take the test to qualify for Honors English III. Their eligibility to register for Honors English III will be determined by their performance on the test and English department recommendation. Those students accepted into Honors English III must maintain an A- average or above for the second semester in order to remain in the course. If they do not, they will be automatically enrolled in regular English III to fulfill the junior year requirement in English.

To Register for EN 130 Honors English II:

Freshmen who have an A- average or above for the first semester may take the test to qualify for Honors English II. Their eligibility to register for Honors English II will be determined by their performance on the test and English department recommendation. Those students accepted into Honors English II must maintain at least an A- average for the second semester in order to remain in the course. If they do not, they will be automatically enrolled in regular English II to fulfill the sophomore year requirement in English.

COURSE DESCRIPTIONS:

EN 100 ENGLISH I (1 credit, required of freshmen)

Freshmen study grammar, basic composition skills, including an introduction to the essay form, literary genres, classical mythology, novels and vocabulary.

EN 101 ENGLISH II (1 credit, required of sophomores)

In this survey of American literature, sophomores study literary movements, major writers and selected works from the Colonial Period through the 20th century. In addition, they further develop grammar and vocabulary skills and continue to work on more advanced essay skills, including the writing of a research paper based on the MLA format.

EN 130 HONORS ENGLISH II (1 credit, honors, sophomores)

In this survey of American literature, sophomores study literary movements, major writers and selected works from the Colonial Period through the 20th century. In addition, they further develop grammar and vocabulary skills and continue to work on more advanced essay skills, including the writing of a research paper based on the MLA format. **As a part of the department's honors program, the course includes independent supplementary reading and research and extensive writing. (Prerequisites: required average, minimal qualifications on diagnostic grammar, reading, and essay tests, and department approval.)**

EN 121/122 ENGLISH III (1 credit, required of juniors)

In this survey of English literature, juniors study important literary movements, major writers and selected works from the Anglo-Saxon Period through the 20th century. In addition, they continue the practice of composition skills with particular emphasis on the research paper and further vocabulary study. Juniors also review grammar in preparation for the PSAT and the ACT

EN 140 HONORS ENGLISH III (1 credit, honors, juniors)

In this survey of English literature, juniors study important literary movements, major writers and selected works from the Anglo-Saxon Period through the 20th century. In addition, they continue the practice of composition skills with particular emphasis on the research paper and further vocabulary study. Students also review grammar in preparation for the PSAT and the ACT. As a part of the department's honors program, the course includes independent supplementary reading and research and extensive writing practice. **(Prerequisites: required average, 70th percentile score or better on honors test and department approval.)**

EN 136 MODERN AMERICAN CLASSICS IN FICTION (1/2 credit, seniors)

This course answers the question "What makes a great American novel?" that is, one that will continue to receive critical acclaim and be considered a classic throughout the years as a part of America's cultural heritage. At the same time, students will define the American Dream and explore how its definition has evolved throughout modern fiction. Students will read required works, participate in class discussions of those works, complete written assignments including literary analysis papers, and view films of additional narratives of the authors chosen for study. Works of such authors as Ernest Hemingway, F. Scott Fitzgerald, William Faulkner, Edith Wharton, John Steinbeck, and others are a focus.

EN 137 LITERATURE OF CONTROVERSY (1/2 credit, seniors)

Writers and works that have been banned or censored or that deal with controversial issues are the focus of this course. Readings from modern and contemporary writers of national and international consequence deal with such subjects as the role of women, the repression of minorities, the struggle for political freedom, war and the challenges of scientific progress. Students study a variety of genres: novel, short story, poetry, drama, essay and film. The class responds to the issues through group discussion and in a variety of writing assignments.

EN 141 CREATIVE COMPOSITION (1/2 credit, juniors and seniors)

Students become authors in this class that concentrates on the development of creative writing skills. By concentrating on grammar, writing, and stylistic techniques of professional writers, students learn the skills to write creatively, with special emphasis placed on developing each student's individual style, interests and talent. Writing poetry, short stories, myth, fables, prose essays, and other forms of creative writing gives students varied opportunities to develop competency in each of these areas. Journaling in response to published inspirational quotes is also a class activity. At the end of the course, student work completed in the course is bound and printed in professional format, which may obtain a copyright.

EN 142 SHAKESPEARE (1/2 credit, seniors)

This course invites students to expand their horizons, increase their skills and enjoy the plays of Shakespeare. Students will investigate comedy, tragedy and history plays through reading, discussion, film and acting. In addition, students will respond to the plays in writing, through journals and literary analysis papers.

EN 143 COLLEGE PREP WRITING (1/2 credit, seniors)

This is a course for students who want to gain confidence in their writing skills before going to college. It is designed as a "lab" course in which students work through the writing process in

class to revise and polish final drafts. Different kinds of papers (two to five pages) are written, for example, narration, description, analysis, argument and persuasion. The persuasion paper reviews research skills. Some time is spent on review of problem areas in grammar and on sentence development. Readings are short examples of the types of papers being written at the time.

EN 145 INTRODUCTION TO JOURNALISM: THEORY AND PRACTICE (1/2 credit, juniors and seniors)

Students discuss the role of the press in modern society, its influence, and the concept of responsible journalism, drawing from the mediums of print, online, and broadcast. They learn the fundamentals of reporting, including interviewing, and how to write in journalistic style through the writing of news, feature, sports, and editorial pieces. The class is very “hands-on”, and through a variety of activities, members of the class are both students of journalism and practicing journalists, with the potential to have their work appear in the school newspaper *The Voice*.

EN 160 AP/ACC ENGLISH IV/COLLEGE COMPOSITION/INTRO TO LITERATURE (1 credit, honors, may be taken for ACC or AP credit or both, seniors)

The first semester of the ACC program is designed to develop students' skills in writing effective, college-level exposition. Written work consists of essays of several paragraphs as well as a research paper. Class work includes careful reading and analysis of expository essays and a novel or a work of non-fiction. The second semester provides the student with a serious study of imaginative literature and gives a comprehensive introduction to the principal forms of fiction, poetry and drama. Writing assignments focus on the personal essay, the literary paper and research projects. Students must declare if they are taking the course for ACC or AP credit or both. Students must take the AP test in May if they are taking the course for AP credit. **(Prerequisites: required average and department approval, 70th percentile score or better on honors test.)**

THEOLOGY DEPARTMENT

STATEMENT OF GOALS:

The goal of the Theology Department at St. Joseph's Academy is to provide the opportunity and atmosphere for students to learn the teachings and values of the Catholic faith in an effort to integrate them into their total life experience.

OBJECTIVES:

1. To deepen the student's relationship with our Creator through the academic study of Scripture, sacraments, prayer, and to build on that foundation a woman who will make a profound impact on our world.
2. To explore the mission of the Church through the academic study of Church history, dogma, Catholic social teachings, and to awaken a lived response, rooted in faith, to contemporary issues and world needs.

REQUIREMENTS:

Four credits in Theology are required for graduation; two semesters may be electives.

COURSE DESCRIPTIONS:

TH 201 FRESHMAN THEOLOGY (1 credit, required)

The Freshman Theology program is a trimester format and includes the following subject matter: Introduction to Hebrew Scripture, Sacraments and Sexuality and Relationships for Catholic teens. Introduction to Hebrew Scripture provides a basis for future study as well as building upon scriptural themes. The Sacrament section allows the student to examine the sacramental life of the Church and to explore its meaning in her own life. The Sexuality and Relationship section is designed to help young Catholics think through the many choices and decisions they must make in order to develop healthy, loving relationships. This section presents a Catholic perspective on sexuality.

TH 203 SOPHOMORE THEOLOGY (1 credit, required)

The Sophomore Theology program is a trimester format and includes the following subject matter: Christian Moral Decision Making, Church History, and Christology. The Christian Moral Decision Making section continues from freshman year and focuses on the areas of personhood, self-esteem, decision-making and issues with which young people are involved. The segment of Church History traces the development of the Church from the time of Christ through the modern age. The Christology segment allows the students to understand Jesus as a man of history and Christ as the God of their faith.

TH 205 DEATH AND DYING: A STUDY OF MORAL PERSPECTIVES (1/2 credit, seniors)

This course initiates an exploration of death and its place in life. The stages of dying and grieving as well as attitudes regarding the process of death are examined. In addition, certain moral dilemmas such as suicide and extraordinary means of maintaining life are considered in light of contemporary moral teachings of the Catholic Church.

TH 218 SOCIAL JUSTICE (1/2 credit-required junior year)

This course examines the response of Catholics and the Catholic Church to present and emerging social problems as well as the challenges of the modern world. Responses and issues are examined through the lens of Catholic Social Teaching. Students are encouraged to develop an awareness of local, national and global issues. The course instills an awareness that fuels a growth in our Catholic faith.

TH 221 WORLD RELIGIONS (1/2 credit-required junior year)

After a basic introduction to the common elements of religion: worship, revelation and community, this course examines the religions of Judaism and Islam, Hinduism and Buddhism. Emphasis is placed on origins, major concepts, scriptures and important rituals of each religion.

TH 219 WOMEN OF FAITH (1/2 credit, seniors)

This course concentrates on the contributions of women in the church and in society. In particular we will examine women in scripture, women of the early church, women theologians, women in leadership, and a variety of other holy women of God. Students will interact with one another using their technological skills.

TH 233 THE CHALLENGE OF DISCIPLESHIP (1/2 credit, seniors)

Often we only do a lot of “talking” about our faith. This course is designed to challenge the student to “walk the walk,” and not just “talk the talk,” that is, to apply her baptismal call to life-giving choices either as a single, married or vowed religious woman. Students will also discover ways to be accountable for the Beatitudes in their lives.

TH 235 ACC THEOLOGICAL FOUNDATIONS-CONCEPTS AND METHODS FOR UNDERSTANDING CHRISTIAN FAITH (1/2 credit, honors, seniors)

This course is geared for the theology student who wants to be challenged at the collegiate level. This capstone course seeks to build an advanced understanding of the whole of theology through its parts: Sacred Scripture; Christology and Ecclesiology; Morality and Social Justice; Catholicism’s relationships with Judaism and Islam; and Catholic theology in a global context. Emphasis is placed on challenging students to acquire the targeted skills of reading, writing and speaking theologically. Students are encouraged to consider how critical, careful and creative theological questioning can deepen their faith and understanding of the human condition.

(Instructor/department chair signature required.)

MATHEMATICS DEPARTMENT

STATEMENT OF GOALS:

The goals of the department are to offer a complete high-school mathematics curriculum for the college-bound student and to challenge each individual to develop her God-given mathematical talents.

OBJECTIVES:

1. To develop logical and creative approaches to problem solving.
2. To develop facility in applying basic mathematical concepts.
3. To stimulate clarity and precision in language usage.
4. To encourage an appreciation for the deductive nature of mathematics.
5. To guide the student in selecting courses that allow her maximum achievement for her abilities, needs and interests.
6. To ensure a smooth transition to mathematics courses at the college level.

REQUIREMENTS:

Four credits in mathematics are required for graduation, which must include one semester of trigonometry. A Texas Instruments graphing calculator is required for all mathematics classes. The model numbers of the calculators that may be used are announced in the spring.

COURSE DESCRIPTIONS:

MT 300 ALGEBRA I (1 credit, required)

This course reinforces student’s experience with rational numbers while introducing the concepts of constant and variable. The student learns to evaluate and simplify algebraic expressions, to solve linear and quadratic equations, to translate word problems into algebraic equations, and to graph linear functions. Other topics include inequalities, natural-number exponents, factorization of

polynomials, rational expressions, radicals and systems of equations. The student learns the why as well as the how of basic algebraic operations.

MT 301 ALGEBRA I EXPERIENCE (1 credit)

This course is for the student who has some experience with Algebra I topics but does not show a mastery of the subject. Building on that experience, the instructor will design the course to challenge the students by complementing and extending their knowledge of Algebra I. **(Prerequisite: department approval.)**

MT 310 GEOMETRY (1 credit, required)

This course is predominantly a study of the properties of plane figures integrated with some solid geometry. The student uses inductive reasoning as a method of discovery and deductive reasoning as a method of proof. The emphasis on logic and deductive systems develops the structure of geometry, while application problems demonstrate the practical nature of the subject. **(Prerequisite: MT 300 or MT 301.)**

MT 311 ALGEBRA II (1 credit)

This course reviews and extends the topics introduced in Algebra I. It is designed for those students who desire further work in mathematics, but who do not qualify for the more rigorous course in Advanced Algebra II. Topics covered include: real and complex numbers, equations (linear, quadratic, and fractional), systems of equations, inequalities, exponents, polynomials, right triangle trigonometry, linear functions and their graphs, applications from science and geometry, and measurement. Parabolas and circles are introduced. **(Prerequisites: either MT 300 or MT 301, either MT 310 or MT 315 and department approval.)**

MT 312 INTRODUCTION TO TRIGONOMETRY (1/2 credit)

This one-semester course is designed for the student who has just completed Algebra II. Trigonometric functions and their graphs are introduced. Identities and triangle problems are covered. This class is a requirement for graduation for those students who will not take MT 331 or MT 342. **(Prerequisites: MT 311, MT 320, or MT 330, and department approval.)**

MT 313 INTRODUCTION TO PROBABILITY AND STATISTICS (1/2 credit)

This one semester course introduces the student to the fundamental ideas behind statistical methods and to the basic considerations of probability. Data organization and analysis, combinations and permutations, random variables, binomial and normal distributions, and sampling are covered. **(Prerequisites: MT 311, MT 320, or MT 330, and department approval.)**

MT 314 FRESHMAN HONORS GEOMETRY (1 credit)

This course is predominantly a study of the properties of plane figures integrated with some solid geometry. The student uses inductive reasoning as a method of discovery and deductive reasoning as a method of proof. The emphasis on logic and deductive systems develops the structure of geometry, while application problems demonstrate the practical nature of the subject. **(Prerequisite: department approval.)**

MT 315 HONORS GEOMETRY (1 credit, honors)

While covering the same topics as the regular geometry class, this class will take a more theoretical approach to the work as well as covering more difficult problems. The pace of the class will be brisk. **(Prerequisites: An A or A+ in MT 300 or a B+ in MT 301 and department approval.)**

MT 320 ADVANCED ALGEBRA II (1 credit)

First semester will reinforce topics covered in Algebra 1 with an increase in difficulty and depth. Also absolute value equations, inequalities, and graphs will be covered. Solving, graphing and analyzing quadratic equations are also discussed. By the end of the semester students will be able to solve systems of equations in three variables. Second semester will explore equations, inequalities, and graphs of degree two and higher. This will include parabolas and circles, as well as radical, exponential, logarithmic and rational functions. **(Prerequisites: B- in MT 300 or MT 301, and a B- in MT 310 or MT 315 and department approval.)**

MT 330 HONORS ALGEBRA II (1 credit, honors)

This course will progress at a very fast pace covering the greatest breadth and depth of topics. Students are expected to have mastered the skills and thoroughly understood the concepts covered in prior courses. They are expected to have retained this past knowledge, which will generally not be reviewed in the course. In addition to the material in MT 320, topics such as sequences, transformations and matrices will be covered. **(Prerequisites: An A- average in MT 300, (or MT 301) and a B+ average in MT 315 along with department approval.)**

MT 331 PRE-CALCULUS (1 credit)

This is a two semester course. Topics include trigonometry, analytic geometry, functions, matrices, graphing techniques, and other topics chosen by the instructor. The course prepares a student to take Calculus. **(Prerequisites: MT 320 or MT 330 and department approval.)**

MT 341 HONORS PRE-CALCULUS (1/2 credit, honors)

This is a rigorous pre-calculus course with strong emphasis on the study of functions. Other topics include simplifying expressions, solving equations and coordinate geometry. Students signed up for this class must also sign up for MT 342. **(Prerequisites: B+ average in MT 330 and department approval.)**

MT 342 HONORS TRIGONOMETRY (1/2 credit, honors)

Second semester provides a comprehensive study of trigonometry, stressing circular functions and their inverses. In addition, analytic geometry will be studied. **(Prerequisites: Enrollment in MT 341 and department approval or an A- average in MT 330 and department approval.)**

MT 345 CALCULUS (1 credit)

This is a two-semester course. Topics will include advanced graphing techniques, limits, continuity, derivatives, integration, and applications of these topics. **(Prerequisites: MT 331 or MT 341/342 and department approval.)**

MT 350 AP/ACC CALCULUS (1 credit, honors, may be taken for AP and or ACC credit))

This is a two-semester course for students who are talented in mathematics and who have initiative and capability for independent work. After a pre-calculus review, the course begins the study of limits. The two main operations of differentiation and integration are approached through the problems of finding the tangent to a curve at a particular point and of finding the area bounded by curves. Applications of differentiation, volumes of revolution, and exponential and logarithmic functions are covered. Students must declare if they are taking the course for AP or ACC credit or both. Students must take the AP test in May if they are taking the course for AP credit. **(Prerequisites: B+ average in MT 341/342 and department approval.)**

MT 361/SC 561 INTEGRATED APPLICATIONS OF MATH AND SCIENCE (1/2 credit in math and 1/2 in science, Seniors only)

This course is designed as a combined math and science program. An understanding of math and science as applied to real systems will be developed. Critical thinking and problem-solving skills will be emphasized through group projects. Projects include the application of Algebra, Trigonometry, Probability and Statistics and Numerical Analysis in relation to topics in Chemistry and Physics.

(Prerequisites: MT 311 or 330 and departmental approval and SC 515 or SC 520 or

PHYSICAL EDUCATION DEPARTMENT

STATEMENT OF GOALS:

The goal of the Physical Education Department is to make the individual student aware of the role that regular physical activity plays in the pursuit of lifelong health and well-being and to provide her with an opportunity for enjoyment, self-expression and communication.

OBJECTIVES:

1. To give each student an opportunity to exercise and become physically fit to better perform her daily routine while encouraging a healthful use of leisure time.
2. To provide a variety of lifetime and team activities so that each student may experience success and/or discover new interests in physical activity for the present and future.
3. To enhance students' social, communication and cooperation skills.
4. To acquaint all students with basic First Aid and CPR.

REQUIREMENTS:

To meet the graduation requirement of St. Joseph's Academy and that of the state of Missouri, one full credit is required

COURSE DESCRIPTIONS:

Each program provides students an opportunity to develop skills and knowledge in team activities, lifetime activities and life-sustaining courses. All students will be certified in CPR.

PE 400 PHYSICAL EDUCATION 1 (1/2 credit-for freshmen who take chorus)

Students will participate in a variety of team/recreational sports. Students will be instructed in the rules, basic skills, safety and etiquette of these various activities. Students will also become certified in CPR and become familiar with First Aid skills.

ELECTIVES:

PE 404/FA 748 DANCE I (1/2 credit)

This is an introductory, overview course that is designed to explore dance as an art form. Students will have units on dance conditioning (pilates and yoga), ballet, jazz and modern dance. Emphasis will be on beginner dance technique, movement exploration through guided improvisation and dance history. **(This class may count for a Physical Education OR Fine Art credit but not both.)**

PE 405/FA 749 DANCE II (1/2 credit)

Dance II is an intermediate class designed for students that have completed Dance I or students that have taken ballet, jazz and/or modern dance outside of school in the past three years. Students will have units on dance conditioning (pilates and yoga), ballet, jazz and modern dance. Emphasis will be on intermediate dance technique and movement exploration of the elements of dance. **(This class may count for a Physical Education OR Fine Art credit but not both.)**

PE 408/FA 750 DANCE III (1/2 credit)

Dance III is an intermediate/advanced level class for students that have completed Dance I and II at SJA *or* have at least two full years of jazz, ballet or modern dance in the past four years outside of school. Students will have units on dance conditioning (pilates and yoga), ballet, jazz, modern dance and dance composition. This class will focus on complex movement phrases and beginning choreographic skills. Course can be repeated. **(This class may count for a Physical Education OR Fine Art credit but not both.)**

PE 409/FA 752 DANCE WORKSHOP- COMPOSITION AND PERFORMANCE (1/2 credit)

Dance Workshop is an advanced level class for students that currently dance outside of school *or* have an interest in developing choreographic skills. This class is designed for students that have an intermediate to advanced knowledge of ballet, jazz, modern and/or tap. The focus will be on developing choreographic skills, exploring movement themes and setting movement on other students. ***ALL STUDENTS MUST HAVE PERMISSION OF THE INSTRUCTOR TO ENROLL IN DANCE WORKSHOP.*** **(This class may count for a Physical Education OR Fine Art credit but not both.)**

PE 415 STRENGTH CONDITIONING AND TRAINING (1/2 credit)

Students will learn the methods necessary to achieve individual fitness goals through the use of weight/fitness equipment. Students will work to improve their total body condition and strength through weight training. Each student's current levels are assessed. A personalized program to fit a student's individual needs will be implemented. Enrollment will be limited to 20 students.

PE 417 WELLNESS FOR WOMEN LEADERS (1/2 credit, freshmen and sophomores)

This course is designed to teach wellness concepts of health, both physical and mental. Students will learn methods necessary to achieve individual fitness goals through weight/fitness equipment. Students will study methods of achieving proper nutrition, weight control and self-defense. Drug education and knowledge of infectious diseases as they affect the body will be discussed. Each student will receive CPR training and certification.

PE 418 WELLNESS FOR WOMEN LEADERS (1/2 credit, juniors and seniors)

This course is designed to teach wellness concepts of health, both physical and mental. Students will learn methods necessary to achieve individual fitness goals through weight/fitness equipment. Students will study methods of achieving proper nutrition, weight control and self-defense. Drug education and knowledge of infectious diseases as they affect the body will be discussed. Each student will receive CPR training and certification.

PE 420 ADVANCED LIFETIME SPORTS (1/2 credit)

This class is designed to introduce students to activities that will encourage fitness throughout a lifetime. Course will include recreational volleyball, golf, power walking, weight training, tennis, and numerous team sports. Students will also become certified in CPR and become familiar with First Aid skills. **(This class is also offered in summer school.)**

SCIENCE DEPARTMENT

STATEMENT OF GOALS:

The goal of the Science Department is to encourage a hope-filled, continual search for understanding as well as a growth in appreciation of humans and the environment.

OBJECTIVES:

1. To observe and study the physical and biological aspects of the environment.
2. To search for relationships among the observations.
3. To develop curiosity about why these relationships exist.
4. To apply acquired facts and concepts to new situations.
5. To communicate new knowledge clearly and precisely.
6. To develop an appreciation and respect for the surrounding world.
7. To accept responsibility for acting on new knowledge.

REQUIREMENTS:

Three units of lab science are required for graduation. These required units will be met by taking Introduction to Chemistry and Introduction to Physics in the freshman year, Biology in the sophomore year and Chemistry in the junior year.

NOTE: Any student choosing to take more than 1.0 science credit during any given school year must obtain departmental approval. During her time at SJA, a student may take either Introduction to Chemistry and Introduction to Physics SC 502/SC 503 or Honors Introduction to Chemistry and Introduction to Physics SC 507/SC 508. A student may take only one of the following required biology courses Biology SC 505 or Honors Biology SC 510. A student may take only one of the following required chemistry courses: SC 515, 520 or 530. She may take either SC 540, Honors Physics or SC 536/537. She may take either SC 550, Honors Anatomy and Physiology, or SC 545, Anatomy.

COURSE DESCRIPTIONS:

SC 502 INTRODUCTION TO CHEMISTRY (1/2 credit, required: freshmen)

This is a laboratory-based, introductory course. Students will acquire the basic scientific skills needed for problem solving. They will observe, analyze and draw conclusions

about situations related to chemistry. This course forms the foundation for future science course work. Topics to be covered include: divisions, properties and states of matter, atomic structure, the periodic table, chemical bonds and reactions, and minerals.

SC 503 INTRODUCTION TO PHYSICS (1/2 credit, required: freshmen)

This is a laboratory-based, integrated course which will study several fundamental topics in physics including motion, Newton's laws, conservation laws, waves and optics. Physical processes of the earth and solar system may be covered. Students will acquire the basic scientific skills needed for problem solving. They will observe, analyze and draw conclusions about situations related to the above areas of science. This course forms the foundation for future science course work.

SC 505 BIOLOGY (1 credit, required: sophomores)

This year-long lab-based course includes the study of cell structures and their functions, transport through membranes, energy and metabolism of cells, photosynthesis, cellular respiration, cellular reproduction, heredity DNA, gene expression and technology, classification systems, bacteria and viruses, plants, the theory of evolution and human biology. Laboratory investigation, projects and research will be included. **(Prerequisite: SC 502 & 503.)**

SC 507 HONORS INTRODUCTION TO CHEMISTRY (1/2 credit, freshmen)

This is an accelerated laboratory based, introductory course for the student who has some experience with chemistry topics but does not show mastery of the subject. Students will review the scientific skills needed for problem solving. They will observe, analyze and draw conclusions about situations related to chemistry. This course forms the foundation for future science coursework. Topics to be covered include: divisions, properties and states of matter, atomic structure, the periodic table, chemical bonds and reactions and types of compounds as well as additional topics in acid/base reactions and reaction rates. The course includes the completion of a group research project along with several independent research topics. **(Prerequisite: department approval.)**

SC 508 HONORS INTRODUCTION TO PHYSICS (1/2 credit, freshmen)

This is an accelerated laboratory based, integrated course which will study several fundamental topics in physics including motion, forces, energy, energy conservation, optics and simple machines. This course is for the student who has some experience with physics topics, but does not show mastery of the subject. Students will acquire the basic scientific skills needed for problem solving. They will observe, analyze and draw conclusions about situations related to the above areas of science. This course forms the foundation for future science coursework and includes group and independent research topics. **(Prerequisite: department approval.)**

SC 510 HONORS BIOLOGY (1 credit, sophomores)

This course is designed as an intensive first year biology course in preparation for college. It will include a more comprehensive study of the concepts of biological principles than the general biology course as well as additional topics. Instructional methods include laboratory experiments, lectures, discussion, and an emphasis on problem solving skills. Projects and research will be included. **(Prerequisite: SC 501 & 502 and department approval.)**

SC 515 ENVIRONMENTAL CHEMISTRY (1 credit, juniors)

This is a year-long lab-based chemistry course. It emphasizes the impact of chemistry on society by addressing chemistry related technological issues that are relevant to our community and society. Students learn chemical facts and concepts as they need them to understand the societal issues addressed in the course. The subject matter is developed through lecture, class discussion, demonstrations, laboratory and problem solving experiences. **(Prerequisites: SC 502 and SC 503.)**

SC 520 CHEMISTRY (1 credit, juniors)

This course is designed as a first year chemistry course in preparation for college. It is an introduction to the science of chemistry, its concepts and methods of theory, states and properties of matter, chemical periodicity, equation writing, the mole concept, chemical bonding and other selected topics. The subject matter is developed through lecture, class discussion, demonstrations, laboratory and problem solving experiences. **(Prerequisites: SC 502 and SC 503, concurrent or prior enrollment for a full year in MT 320 or MT 330 and department approval.)**

SC 530 HONORS CHEMISTRY (1 credit, honors, juniors)

This course is designed as an intensive first year chemistry course in preparation for college. It will include a more comprehensive study of the concepts of chemistry principles and properties than the general chemistry course. Instructional methods include laboratory experiments, lectures, discussion, and an emphasis on mathematical formulation and problem solving skills. The course work will include an independent project. **(Prerequisites: SC 502 and SC 503, concurrent or prior enrollment in MT 330 and department approval.)**

ELECTIVES:

SC 536 THE PHYSICS OF MOTION, FORCES AND ENERGY (1/2 credit, seniors)

This is a laboratory-based course which will cover the topics of motion, acceleration, vectors, forces, Newton's laws, the conservation laws of energy and momentum, and circular/rotational mechanics. The use of the TI 84 Plus graphing calculator (required) and LabPro interface with Logger Pro software for lab data acquisition and analysis will be emphasized. NOTE: This course combined with SC 537 will constitute a full year of high school physics. **(Prerequisites: successful completion of SC 515, SC 520 or SC 530 and Algebra II.)**

SC 537 THE PHYSICS OF FLUIDS, ELECTROMAGNETISM AND WAVES (1/2 credit, seniors)

This is a laboratory-based course which will investigate the properties of liquids and gases, static electricity, current electricity and magnetism. The course will also study wave properties as they apply to the phenomena of sound, light and optics. The use of the TI 84 Plus graphing calculator (required) and LabPro interface with Logger Pro software for lab data acquisition and analysis will be emphasized. NOTE: This course combined with SC 536 will constitute a full year of high school physics. **(Prerequisites: successful completion of SC 515, SC 520 or SC 530 and Algebra II. Completion of SC 536 is not required.)**

SC 540 HONORS PHYSICS (1 credit, honors, seniors)

This college preparatory physics course will utilize algebra and trigonometry to explore the fundamental concepts of physics. Topics will include: mechanics, sound, light, electricity and magnetism. Laboratory investigations will provide students with additional opportunities to explore these topics through the use of the required TI 84 Plus graphing calculator and Lab Pro interfaces with Logger Pro software. **(Prerequisites: SC 520 or SC 530, concurrent enrollment in MT 341/342, MT 345, or MT 350 and dept. approval.)**

SC 545 HUMAN ANATOMY (1/2 credit, seniors)

This is a high school level lab course designed to increase knowledge of the human body. The students will explore the structure and function of the human body by examining different human body systems. Dissection of an animal or cat is an integral part of this course. **(Prerequisite: successful completion of SC 515, SC 520 or SC 530.)**

SC 546 ZOOLOGY (1/2 credit, juniors or seniors- offered in 2012-2013)

This is a one semester course in which students will study the various biological aspects of animal life class by class. Evolution, body systems, physiology, ecology, behavior and reproduction will be addressed. Laboratory work will include identification and dissection of preserved specimens. Field study and research will also be an integral part of the curriculum. Priority will be given to seniors who register for this course. **(Prerequisites: Completion of SC 515, SC 520 or SC 530 or department approval as a junior.)**

SC 547 GENETICS (1/2 credit, juniors or seniors)

This course will include an in-depth study of heredity, DNA and gene expressions. Topics such as the Human Genome Project, genetically engineered crops and biotechnology will be an integral part of this course. Genetic counseling and the ethics concerning these issues will also be explored. Lab work will be included in this course. Priority will be given to seniors who register for this course. **(Prerequisites: Completion of SC 515, SC 520 or SC 530 or department approval as a junior.)**

SC 550 HONORS HUMAN ANATOMY AND PHYSIOLOGY (1 credit, honors, seniors)

This course is designed to present an in-depth coverage of the structures and functions of the human body. Lab dissections of a cat are an integral part of this course. Students anticipating careers in biological sciences or medical fields, as well as students interested in increasing their understanding of the human body, should find this course beneficial. **(Prerequisite: SC 520 or SC 530 and department approval.)**

SC 561/ MT 361 INTEGRATED APPLICATIONS OF MATH AND SCIENCE (1/2 credit in math and science, seniors)

This laboratory course is designed as a combined math and science program. An understanding of math and science as applied to real systems will be developed. Critical thinking and problem solving skills will be emphasized through group projects. Projects include the application of algebra, trigonometry, probability and statistics and numerical analysis in relation to topics in chemistry and physics. NOTE: Students taking this class must also register for MT 361. **(Prerequisites: successful completion of SC 515, SC 520 or SC 530.)**

SC 562 AP ENVIRONMENTAL SCIENCE (1 credit-one year, juniors and seniors)

This year-long course will provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Field studies, laboratory work and library research are integral parts of this course. Students must take the AP test in May. **(Prerequisites: Completion of SC 515, SC 520 or SC 530 or department approval as a junior.)**

SC 563 MARINE SCIENCES (1/2 credit, juniors or seniors. Offered in 2013 – 2014)

This is a high school level course designed to increase the student's knowledge of the oceans and ocean life. Students will investigate topics related to the ocean such as properties of water, waves and currents, plants, animals, ecosystems as well as the interaction between humans and the ocean. Laboratory work and research skills will be included in this course. Priority will be given to seniors who register for this course. **(Prerequisites: Completion of SC 515, SC 520 or SC 530 or department approval as a junior.)**

SC 565 ACC FORENSIC SCIENCE (1 credit-one year, seniors)

Forensic Science is a year-long course designed to enable students to acquire the knowledge and skills of solving crimes through the use of scientific techniques and inquiry. The lab based course will include laboratory investigations in the study of physical evidence, property of matter and the analysis of glass, drugs, forensic toxicology, the microscope, forensic serology, DNA, trace evidence, fingerprints and document examination. **(Prerequisites: Successful completion of SC 515, 520 or 530.)**

SC 567 AP BIOLOGY (1 credit-one year, seniors)

This year long Biology course will engage the learner in the topics of molecules and cells, heredity and evolution, organisms and populations. These three areas have been subdivided into major categories with percentage goals specified for each. The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. The ongoing knowledge explosion in biology makes these goals even more challenging.

The course will aim to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Laboratory work is an integral part of this course. Students must take the AP test in May. **(Prerequisite: SC 520 or SC 530 and departmental approval.)**

SOCIAL STUDIES DEPARTMENT

STATEMENT OF GOALS: The goal of the Social Studies Department is to develop an atmosphere of inquiry and analysis in which the student can acquire an awareness of and an appreciation for ongoing human experiences.

OBJECTIVES:

1. To develop necessary skills of comprehension, critical analysis and expression that will enable the student to explore relevant social, political and economic issues.

2. To provide a broad historical background of human progress: social, political and economic, which will lend perspective to contemporary issues.
3. To promote a value system that includes a reverence for life and a sense of thoughtful responsibility and personal accountability.

REQUIREMENTS:

Students are required to earn three credits in Social Studies with 2 1/2 credits predetermined in the freshman, sophomore and junior years. The remaining 1/2 credit and additional credits are elective with some requiring departmental approval

REQUIRED COURSES:

SS 603 GLOBAL LITERACY (1/2 credit, freshmen)

This is an introductory course designed to develop the basic tools of social studies. Students will study geography, economics, and historical and political trends that shape the world today. They will use the processes of conceptual and critical thinking to analyze historical and contemporary issues. Students are encouraged to think independently while developing group process skills.

SS 604 HONORS GLOBAL LITERACY (1/2 credit, freshmen)

This is an introductory course designed to develop the basic tools of social studies. Students will study geography, economics, and historical and political trends that shape the world today. They will use the processes of conceptual and critical thinking to analyze historical and contemporary issues. Students are encouraged to think independently while developing group process skills. They will be expected to do additional research and writing. **(Department approval required.)**

SS 615 WORLD HISTORY (1 credit, sophomores)

This is a required course that will cover historical development, events, and people who influenced and shaped world history from the Renaissance/Reformation Period to present day.

SS 616 HONORS WORLD HISTORY (1 credit, sophomores)

This is a required course that will cover historical development, events, and people who influenced and shaped world history from the Renaissance/Reformation Period to present day. Students are expected to complete reading beyond the textbook, examine primary documents, write essays, do research, and participate in class discussions. **Prerequisites: 3.5 GPA, completion of application form, and department approval.**

SS 628 AMERICAN HISTORY (1 credit, juniors)

This course examines American history from the early colonial period to present day. Students are expected to pass the Federal and State Constitution tests during this course.

SS 650 ACC/ AMERICAN HISTORY (1 credit, honors, juniors, must be taken for ACC credit)

Students survey the forces which have shaped American culture from its beginning to present day. Emphasis is placed on reading, examination of primary documents, essay writing, research, and active participation in class discussions. Students are expected to pass the Federal and State

Constitution tests during this course. Students must take the course for ACC credit.

Prerequisites: 3.5 cumulative GPA, completion of application form, and department approval.

SS 651 AP/ AMERICAN HISTORY (1 credit, honors, juniors, must be taken for AP credit)

Students survey the forces which have shaped American culture from its beginning to present day. Emphasis is placed on reading, examination of primary documents, essay writing, research, and active participation in class discussions. Students are expected to pass the Federal and State Constitution tests during this course. Students must take the course for AP credit.

Prerequisites: 3.5 cumulative GPA, completion of application form, and department approval.

ELECTIVES:

SS 630 AP/ACC EUROPEAN HISTORY (1 credit, honors, seniors, must be taken for ACC or AP credit)

Students survey the major political, economic and social forces which have shaped Western Europe. Emphasis is placed on reading, examination of primary documents, essay writing, research and active participation in class discussions. Students must declare if they are taking the course for ACC or AP credit or both. Students must take the AP test in May if they are taking the course for AP credit. **(Prerequisites: 3.5 cumulative GPA, completion of application form and department approval.)**

SS 632 CURRENT EVENTS (1/2 credit, juniors & seniors)

This is a study of current events and the forces that influence them. Situations and issues throughout the world will be studied from a variety of perspectives and viewpoints. Students will read selections from fiction or non-fiction works that deal with some aspect of the course.

SS 633 AP AMERICAN GOVERNMENT AND POLITICS (1 credit, honors, juniors & seniors, must be taken for AP credit)

Students will explore the political theories, institutions, and processes that mold our government and shape public policy. Current events and trends, especially those related to the 2012 Presidential election, are used as jumping-off points of discussion and as concrete illustrations of course concepts. Students are required to read the textbook and supplemental articles, and engage in research, critical analysis and class discussion, and take the AP test given in May.

(Prerequisites: 3.5 cumulative GPA, completion of application form and department approval.)

SS 634 AMERICAN GOVERNMENT AND POLITICS (1/2 credit, juniors, seniors)

In this course, students will explore questions about the U.S. Government and how it operates. It includes an overview of the Constitution, the three branches of government, federalism, political parties, political behavior, elections, and policy-making. The objective of the course is to lay the proper foundation for informed citizenship. Current events and trends, especially those related to the 2012 Presidential election, are used as jumping-off points of discussions and as concrete illustrations of course concepts.

SS 635 HONORS AMERICAN GOVERNMENT AND POLITICS (1/2 credit, honors, juniors, seniors)

In this course, students will explore questions about the U.S. Government and how it operates. It includes an overview of the constitution, the three branches of government, federalism, political parties, political behavior, elections and policy-making. The objective of this course is to lay the proper foundation for informed citizenship. Current events and trends, especially those related to the 2012 Presidential election, will be explored and analyzed in greater depth than in the general American Government and Politics course. **Prerequisite: 3.25 cumulative GPA, completion of application form, and department approval.**

SS 637 TWENTIETH CENTURY (1/2 credit, juniors and seniors)

The purpose of this class is to challenge the student to evaluate the issues that shaped the twentieth century. The people, events and outcomes that impacted historical development will be studied. Special emphasis will be given to post World War II years. Students will be required to use library and internet sources plus guided readings.

SS 639 PSYCHOLOGY (1/2 credit, seniors only)

This course is a general introduction to the study of the biological and psychological roots of human behavior. Among the topics included in the course are theories about the brain and its role in our behavior; personality interpretation; cognitive impairments such as autism and mental retardation; and psychological disorders.

SS 641 HONORS PSYCHOLOGY (1/2 credit, honors, seniors)

Honors Psych is a one semester course which will introduce the students to the concepts of current perspectives on the brain; mental health; learning styles; addictions; and other topics. It will include more research and field work than the general Introduction to Psychology course. **Prerequisites: 3.25 GPA, completion of application form, and department approval.**

SS 645 GLOBAL ISSUES (1/2 credit juniors and seniors)

This course will explore major world issues including: economies, emerging nations, global relationships, outsourcing, globalism, genocide, immigration, drugs, and more. The cause and effects of these issues will be explored and discussed. The course will use various teaching methods such as movies, videos, selections from literature, media articles, and lecture.

SS 646 HONORS GLOBAL ISSUES (1/2 credit, honors, juniors, seniors)

This course will explore major world issues including: economies, emerging nations, global relationships, outsourcing, globalism, genocide, immigration, drugs, and more. The cause and effects of these issues will be explored and discussed. The course will use various teaching methods such as movies, videos, selections from literature, media articles, and lecture. Issues will be explored and analyzed in greater depth than in the general Global Issues course.

Prerequisites: 3.25 GPA, completion of application form, and department approval

FINE ARTS DEPARTMENT

STATEMENT OF GOALS:

The Fine Arts Department has multiple goals. We encourage the individual student's potential to communicate and express creatively. We strive to develop sensitivity to the human condition and an awareness of the role of the artist effecting change. We endeavor to make art a dynamic influence in the life of the school so that students and faculty can become more aware of the beauty surrounding them. We emphasize the long lasting effect of fine arts and its impact on the students' lives.

OBJECTIVES:

1. To develop aesthetic awareness and the skills necessary for observation and critical judgment of a work of art.
2. To provide opportunities for artistic expression which are both productive and satisfying for the individual.
3. To develop skills of specific techniques.
4. To provide multiple opportunities to develop individual potential.
5. To develop ability for expressive communication "in an environment that challenges students to grow in respect for self and others."
6. To nurture creativity
7. To promote critical thinking.

REQUIREMENTS:

To meet the graduation requirement of St. Joseph's Academy and that of the state of Missouri, one full credit is required. **All freshmen must enroll in either FA 701, 702 or 712.**

FA 701 INTRODUCTION TO VISUAL ART (1/2 credit-semester course)

Elective: **All freshmen must enroll in either FA 701, 702 or 712.**

In Visual Art, the student will be introduced to the elements and principles of art, color theory, perspective, careers in fine arts and commercial art, and art history.

FA 702 SPEECH AND THEATRE WORKSHOP (1/2 credit-semester course)

Elective: **All freshmen must enroll in either FA 701, 702 or 712.**

This is a semester course devoting one quarter to speech and one quarter to theatre. The speech segment of this class will provide the student with a strong foundation in how to develop, research, write, and deliver an effective speech. The second quarter will focus on the basics of improvisation, pantomime, and theatre exercises in voice, concentration, and stage movement.

FA 712 FRESHMAN CHORUS (1/2 credit-semester course)

Elective: **All freshmen must enroll in either FA 701, 702 or 712.**

The Freshman Chorus is a performing ensemble that studies the techniques of singing through various styles of music. Basic music theory and sight singing are also studied. Principal performances are the Christmas and Spring concerts.

FA 703 THEATRE I (1/2 credit-semester course)

Theatre 1 is a semester course offered to sophomores, juniors and seniors. Students will explore all aspects of the theatre including improvisation, acting, script analysis from perspective of the actor and scenic designer, theatre etiquette, critique, theatre history and technical theatre.

FA 705 DISCUSSION AND DEBATE (1/2 credit-semester course)

This course will explore many discussion formats, including symposium, group problem solving, one on one debate and panel discussion. The student will develop skills in research, leadership and higher ordered thinking as the class debates and discusses contemporary issues.

FA706 COMMUNICATION SKILLS (1/2 credit-semester course)

The class will explore and improve skills needed to communicate effectively in business. The students will learn effective speaking techniques including The Sales Talk, computer-assisted presentations, role playing how to interview for a job, The Panel Discussion, Symposium and other forms of formal speaking situations.

FA 708 ADVANCED ACTING (1/2 credit-semester course)

In this advanced acting course our work will involve monologue, acting scene work, analysis and play reading, as we explore the evolution of the role of women in theatre. We will focus on the plays of Shakespeare, Ibsen, Williams, and Inge, and the works of women playwrights, such as Wendy Wasserstein, Carson McCullers, Clare Booth Luce and others.

(Prerequisite: Theatre I (FA 703) or instructor approval.)

FA 711 ADVANCED CHORUS (1 credit for full year)

Open to sophomores, juniors and seniors, the Advanced Chorus is a performing group that studies the techniques of singing through many styles of music. Some music theory and sight singing are also studied. Performances include: Christmas Concert, Music Festival, Spring Concert, school liturgies, and graduation. Matching formal concert attire is required and must be purchased. This course may be repeated. **(Prerequisite: FA 712 or instructor approval.)**

FA 713 FRONTENAC VOICES (1 credit for full year)

The Frontenac Voices are selected by audition from the members of the Advanced Chorus. The opportunity of performing more challenging music in a smaller ensemble is offered to those who qualify. **(Prerequisite: Audition and concurrent enrollment in FA 711.)**

FA 715 MUSIC THEORY (1/2 credit-semester course)

This course studies basic music structures and form through analysis to give students a working knowledge of music. The following topics will be studied: notation skills, major and minor scales, key signatures and tonality, intervals and transposition, chords and inversions, harmony, chord functions, cadences and non-harmonic tones, four-part chorale writing and analysis, dominant seventh chords, secondary dominants and modes. Some basic sight-singing will be used to help develop a sense of inner hearing.

FA 716 HANDBELL ENSEMBLE (1/2 credit-semester course)

Students will learn the basic techniques of handbell ringing and will reinforce rhythm and music reading skills as they apply to hand bell ringing. Required performances include the Christmas or Spring concerts. This ensemble may also perform at some school liturgies and community events. Enrollment is limited. This course may be repeated.

FA 718 INSTRUMENTAL ENSEMBLE (1/2 credit freshmen, sophomores, juniors, and seniors)

Students will develop individual musicianship through ensemble experience and through exposure to a wide variety of repertoire. The group will perform in several performances each semester. This course meets 8th hour two days a week (2:50-3:45 pm) all year. This course may be repeated. (**Prerequisites: Instructor approval; proficiency on instrument; students must provide their own instrument.**)

FA 721 DESIGN (1/2 credit-semester course)

In this course, the student learns to design by planning the composition and by understanding and employing the elements of design in an artistic work. The assignments require the student to become familiar with a variety of media.

FA 722 DRAWING (1/2 credit-semester course)

In this basic course, the student learns how to see and to study line, form, space and values to create an artistic work. The student experiences the use of a variety of drawing materials.

FA 723 ADVANCED DRAWING (1/2 credit-semester course)

More complex drawing problems are required of the student, emphasizing the mastery of media and the refinement of compositional skills. (**Prerequisite: FA 722.**)

FA 725 PAINTING (1/2 credit-semester course)

This course teaches the basic elements of painting, how to mix color, and the direct application of paint on canvas. The student will be required to purchase her own acrylic paint and brushes. (**Prerequisite: FA 722.**)

FA 727 CERAMICS I (1/2 credit-semester course)

The student will combine the creative process with the techniques of clay building by investigating and implementing the theme of artistic vs functional. Students will gain knowledge of the following **hand-building** techniques: pinch, coil and slab construction. They will also acquire familiarity with vocabulary pertaining to ceramics and the history of ceramics. The student will gain knowledge of the glazing process.

FA 728 HONORS PORTFOLIO (1/2 credit, seniors)

This course is designed for the student who is seriously considering art as a major in college. The amount of work is demanding and deals with many subjects in a variety of media. Through this course, the student will prepare a portfolio of her work for college admission.

(**Prerequisites: Drawing (FA722) and Advanced Drawing (FA723) or Painting (FA725) and ACC/HNR Art History (FA733). FA723 and FA733 may be taken concurrently with Portfolio. All students enrolling in Honors Portfolio must have departmental approval.**)

FA 732 INTRODUCTION TO DIGITAL PHOTOGRAPHY & PHOTOSHOP CS4

(1/2 credit-semester course)

In this course the student will learn the basics of digital imaging and will learn to use the basic tools of Photoshop CS4 in order to modify an image. The student will learn about the principles of design and composition in order to create aesthetically pleasing images. Each student must provide her own digital camera with its instruction manual. A flash drive is required as well.

FA 733 ACC ART HISTORY (1/2 credit, sophomores, juniors and seniors, must be taken for ACC credit)

In this course the student will learn not only the art of the 20th century but also the precursors that made this art possible.

FA 739 CERAMICS II (1/2 credit, juniors and seniors)

The student will continue to use the skills learned in Ceramics I to create more advanced and in depth three-dimensional works of art as well as having an opportunity to throw on the pottery wheel. **(Prerequisite: FA 727)**

FA 740 SCULPTURE (1/2 credit-semester course)

In this course the students use a variety of materials and techniques to explore the principles of design as they relate to three-dimensional forms, both freestanding and relief work. Throughout the course, master sculptors' work will be studied to gain an appreciation for realistic to abstract sculpture.

FA 745 PHOTOSHOP CS4 AND ADOBE ILLUSTRATOR (1/2 semester, prerequisite FA 732, juniors and seniors)

This course provides the Photoshop CS4 student with new tools to enhance digital images and to create more advanced work in layers and by learning about channels. Also in this course the student will be introduced to the fundamental concepts and skills for working with Adobe Illustrator CS4, working with basic shapes, selecting images and color and then combining work with these two programs.

FA 748/PE 404 DANCE I (1/2 credit)

This is an introductory, overview course that is designed to explore dance as an art form. Students will have units on dance conditioning (pilates and yoga), ballet, jazz and modern dance. Emphasis will be on beginner dance technique, movement exploration through guided improvisation and dance history. **(May count for a Fine Art OR Physical Education credit but not both.)**

FA 749/PE 405 DANCE II (1/2 credit-semester)

Dance II is an intermediate class designed for students that have completed Dance I or students that have taken ballet, jazz and/or modern outside of school in the past three years. Students will have units on dance conditioning (pilates and yoga), ballet, jazz, and modern dance. Emphasis will be on intermediate dance technique and movement exploration of the elements of dance. **(May count for a Fine Art OR Physical Education credit but not both.)**

FA 750/PE 408 DANCE III (1/2 credit-semester)

Dance III is an intermediate/advanced level class for students that have completed Dance I and II at SJA *or* have at least two full years of jazz, ballet or modern in the past four years outside of school. Students will have units on dance conditioning (pilates and yoga), ballet, jazz, modern dance and dance composition. This class will focus on complex movement phrases and beginning choreographic skills. Course can be repeated. **(This class may count for a Fine Art OR Physical Education credit but not both.)**

FA 752/PE 409 DANCE WORKSHOP- COMPOSITION AND PERFORMANCE (1/2 credit- semester)

Dance Workshop is an advanced level class for students that currently dance outside of school *or* have an interest in developing choreographic skills. This class is designed for students that have an intermediate to advanced knowledge of ballet, jazz, modern and/or tap. The focus will be on developing choreographic skills, exploring movement themes and setting movement on other students. ***ALL STUDENTS MUST HAVE PERMISSION OF THE INSTRUCTOR TO ENROLL IN DANCE WORKSHOP.*** (This class may count for a Fine Art OR Physical Education credit but not both.)

BUSINESS DEPARTMENT

STATEMENT OF GOALS:

The goal of the business department is to present a curriculum that will motivate the student to develop her interest in business by providing the resources necessary for her to apply her skills both personally and in the world of work and careers.

OBJECTIVES:

1. To prepare students for an ever-changing work environment
2. To provide students with a foundation in understanding both how to use the most current technology and the role technology plays in today's business world
3. To prepare our students for their roles as citizens, consumers, employees, and employers in a global world
4. To provide the students with real life applications of their academic education

REQUIREMENTS:

One full credit of Business Education is required for graduation. All freshmen are required to take one semester (1/2 credit) of Digital Literacy. The remaining required 1/2 credit may be taken during the sophomore, junior, or senior years from either computer applications or business content course electives available within the department.

COURSE DESCRIPTIONS:

BUS 801 DIGITAL LITERACY (1/2 credit, required of all freshmen)

Students will be introduced to Web 2.0 tools which includes wikis, podcasts, and blogs, to generate digital and print documents. They will integrate Web 2.0 tools with Office 2007 Suite. Storyboards and videos with Movie Maker and Photo Story will be created. The ethical standards for being a "good digital citizen" are integrated into course work. Students will be introduced to

our school library resources and shown how to use on-line databases subscribed to by the school.

BUS 812 BUSINESS COMMUNICATIONS (1/2 credit, sophomores, juniors and seniors)

Students will create a variety of documents as they explore differences between printed documents and documents created for the digital world. *Adobe in Design* will structure their design of business documents, letters, brochures, newsletters, business forms and business cards. Interactive forms, existing templates, and their own created templates will aid this structuring. Building on their knowledge of Web 2.0 Tools, digital documents will be created. Graphics, sound and video will be added where appropriate. Individual projects and collaborative projects will be part of evaluation. Some projects will be posted on St. Joseph's Intranet.

BUS 814 EXCEL AND ACCESS (1/2 credit, sophomores, juniors and seniors)

Students will explore the various ways Excel and Access are used in business today. Excel spreadsheets for both personal and business uses will form the core of Excel study. Students will continue the study of Analyzing data, using formulas, functions, and creating charts. Using Access, students will develop database systems used in reports. Students will learn to merge both types of reports with other documents. **(This class is also offered "8th hour" after school at least one semester.)**

BUS 820 ACCOUNTING I (1/2 credit, sophomores, juniors and seniors)

Students will be introduced to the language of business which is foundational to the study of finance. Accounting topics and procedures in analyzing debits and credits, the general journal, the general ledger, special journals and ledgers, depreciation, interest topics and the distribution of dividends form the core of this course. *Peachtree* and *Quick Books* (automated accounting systems) are integrated into coursework. Discussion and forums on careers in accounting, ethics and opportunities for women in the financial world will enhance the curriculum.

BUS 821 ACCOUNTING II (1/2 credit, juniors and seniors)

Students will expand upon basic accounting principles and procedures that were studied in Accounting I. The accounting cycle will be completed with the study of merchandising including payroll, taxes and ending a fiscal period with its reports and entries. Procedures used by businesses organized as corporations with specific attention to notes and interest, accrued revenue and expenses and the distribution of dividends will give students a broadened foundation for further study. Students will continue the use of *Peachtree* and *Quickbook*. **(Prerequisites: Bus 820 with a grade of A or better)**

BUS 825 ECONOMICS (1/2 credit, sophomores, juniors and seniors)

Students will explore the principles, theory and application of economics to our society. Topics include economic systems, economic institutions, employment and economic growth, business cycles, monetary and fiscal policy, pricing, costs and benefits, GNP and GDP. Global economic challenges in the developing countries form part of the course study also. Students will work in teams and *Web 2.0* tools are integrated into the course.

BUS 831 PERSONAL FINANCE (1/2 credit, sophomores, juniors and seniors)

Students will explore their role as consumers in our economic system. Wise and confident consumer choices are goals of the course. Budgeting, tax preparation, banking, investing and the

purchase of insurance are skills taught. Class discussion, individual work, simulation games, and cooperative learning will form the basis of evaluation. *QuickBooks*, a financial planning software package, is used. The student edition of the *Wall Street Journal* will enhance the curriculum. **(This class is also offered “zero hour” before school each semester and in summer school.)**

BUS 840 THE BUSINESS WORLD (1/2 credit, sophomores, juniors and seniors)

Students will be provided with an overview of basic business topics and then move on to include business law and international business. Topics covered include our legal system, contracts, sales, and employment relationships. Students will explore these same topics as they apply to the global economy. Case studies are used to encourage students to apply critical thinking skills.

BUS 841 FOUNDATIONS OF BUSINESS (1/2 credit, sophomores, juniors and seniors)

Students will explore three areas of the business world: management, marketing and entrepreneurship. Topics include: financing a business, social and ethical responsibilities in management and marketing as well as global changes in the world of business today. Case studies and team work will be used to analyze markets for selected products, to learn the wise use of inventory and pricing and promotional strategies.

WORLD LANGUAGE DEPARTMENT

STATEMENT OF GOALS:

The goals of the World Language Department are to help the student use and appreciate language as a basis of communication, which can reveal individual uniqueness as well as cultural background and values, and to encourage the student to accept and understand those values, however different from her own.

OBJECTIVES:

1. To develop basic language skills as a tool of communication.
2. To apply progressively the structural elements of the language through oral and written exercises.
3. To examine the countries of the world, customs, manners, and historical background as they are encountered in vocabulary and reading.
4. To compare other cultures to American culture.
5. To develop marketable skills in language.

REQUIREMENTS:

Each student is required to take two consecutive years of a world language. She may choose from French, Latin, Chinese or Spanish. The two years must be in the same language. The language chosen must be taken for at least two years even in cases of advanced placement of incoming freshmen.

COURSE DESCRIPTIONS:

FRENCH:

WL 901 FRENCH I (1 credit)

Students learn about life in France and in other French speaking countries through conversation and vocabulary, as well as through cultural notes and multimedia experiences. Listening, speaking, reading and writing skills are developed through classroom work, studying phonetics, workbook exercises and use of technology in the course. An elementary understanding of French grammar is applied in practice situations, both spoken and written. The course is a gradual immersion experience in the target language, progressing toward overall proficiency in all four skills

WL 902 FRENCH II (1 credit)

Students continue to learn about French-speaking people in France and around the world and to expand their French vocabulary through dialogues and adapted readings. Grammatical, speaking and writing skills are developed through classroom, workbook, studying phonetics as well as the use of technology in the course. The course is a gradual immersion experience in the target language, progressing toward overall proficiency in all four skills. **(Prerequisite: WL 901 or department approval.)**

WL 903 FRENCH III (1 credit)

Students review grammatical points already covered and expand their knowledge of verb tenses, vocabulary and additional grammatical elements. In addition, a thorough study of French pronunciation, including French phonetics, is undertaken; French geography, economy and history are studied; and comprehension of the written language is developed by reading several short stories and at least one novel in French. This class will be conducted totally in French. Technology will be used for research and class presentations. **(Prerequisites: A grade of 85% or better in the first semester of WL 902, which is maintained in the second semester of 902 and department approval.)**

WL 914 HONORS FRENCH LITERATURE AND COMPOSITION (1 credit, honors)

This course concentrates on speaking, reading and writing French and the application of the language to life situations. Grammar structures are introduced or reviewed as they relate to each lesson. The student is immersed in the culture, history, literature and geography of French-speaking countries through textbook prompts and stories. Classic examples of literature from French speaking countries will be read in French and explored. Frequent use of technology for research and reporting is required. This course is conducted totally in French. While this course will not be taught specifically to the AP test, students will have the option to take the French AP language exam in the Spring at the end of this course. **(Prerequisite: WL 903 or department approval)**

SPANISH:

WL 921 SPANISH I (1 credit)

Students will achieve an active, flexible command of Spanish through personal involvement and understanding. The students will learn the pronunciation of Spanish, basic vocabulary, the structure of sentences with an emphasis on the grammatical principles in forming them. A general introduction to the Spanish countries and the way of life of their peoples is incorporated into the lessons. The basic skills of listening, speaking, reading and writing are developed progressively through traditional methods and the use of new technology, which is built into the textbook and incorporated by the teacher through various multimedia approaches. The course is a gradual immersion experience in the target language, progressing toward overall beginner level proficiency in all four skills.

WL 922 SPANISH II (1 credit)

This course continues the development of the basic skills-listening, speaking, reading and writing. Emphasis is placed upon attaining usable control of the basic grammatical principles. The cultural notes develop reading comprehension skills as well as provide cultural insights. Internet research and the proper use of on-line language tools is required. The course is a gradual immersion experience in the target language, progressing toward overall intermediate proficiency in all four skills. **(Prerequisite: WL 921 or department approval.)**

WL 923 SPANISH III (1 credit, with option for second semester ACC)

This course focuses on extensive vocabulary enhancement and completion of all basic grammatical structures. Students are expected to develop intermediary proficiencies in speaking and understanding, as well as reading and writing in Spanish. Students will also study important historical and contemporary figures and events in the Spanish-speaking world. Use of technology for research, reporting, presenting, and recording will be required. This class is conducted in Spanish. Students will have the option to take the second semester of Spanish III for ACC credit through St. Louis University, students must have an overall B average and must receive a B+ or higher first semester of Spanish III to opt for the ACC in the second semester. **(Prerequisites: An average of 85% or better in the first semester of WL 922, which is maintained and improved during the 922 second semester and department approval.)**

WL 926 HONORS SPANISH CULTURE /CONVERSATION (1 credit, honors)

This class will concentrate primarily on improvement in three areas: conversational speaking, understanding of spoken Spanish and reading. We talk about our daily activities, read on-line newspapers and magazines, watch on-line videos, movies and TV news broadcasts, review and expand our grammar base and study important historical and contemporary figures and events in the Spanish-speaking world. Our goal is to prepare for further university study and/or citizenship in our ever-increasing bilingual, bicultural world. This course is conducted in Spanish and requires frequent use of technology inside and outside of the classroom. **(Prerequisite: WL 925)**

WL 934 HONORS SPANISH LITERATURE AND COMPOSITION (1 credit, honors)

This course concentrates on speaking, reading and writing Spanish and the application of the language to life situations. Grammar structures are introduced or reviewed as they relate to each lesson. The student is immersed in the culture, history, literature and geography of Spanish speaking countries through textbook prompts and stories. Classic examples of literature from Spanish speaking countries will be read in Spanish and explored. Frequent use of technology for research and reporting is required. This course is conducted totally in Spanish. **(Prerequisite: WL 925.)**

WL 935 AP/ACC SPANISH (1 credit, honors, may be taken for ACC or AP credit)

This course offers a concentrated study of advanced vocabulary, an intense grammar review, audio and reading comprehension, spontaneous conversation practice, and critical thinking in Spanish for reporting on philosophical constructs and global conditions. Course curriculum is dictated by the guidelines of the College Board and the 1818 Program at St. Louis University. Students must also be proficient in the use of internet research tools and will use technology to prepare written assignments and make class presentations and voice recordings. This class is conducted entirely in Spanish. Students must declare if they are taking the course for ACC or AP credit or both. Students taking the course for AP credit will be required to take the AP test in May at the conclusion of the academic year. **(Prerequisites: an A average in WL 923 and WL 934 and a cumulative GPA of 3.0 at the time of registration, along with a passing score on a placement test administered by the WL dept. or department approval)**

LATIN:

WL 941 LATIN I (1 credit)

This course offers an opportunity to study a Classical language by introducing the fundamentals of Latin grammar, syntax, vocabulary, and composition. The study of English derivatives from Latin words is an important component of learning vocabulary. The course develops a familiarity with the background of Roman life and civilization through the use of short stories. Students are required to take the National Latin Exam.

WL 942 LATIN II (1 credit)

This course offers a continuation and deepening study of Latin grammar, syntax, vocabulary, and composition. Further understanding of Roman life and civilization is developed through story. Emphasis is placed on reading and comprehending Latin literature. Students are required to take the National Latin Exam. **(Prerequisite: WL 941.)**

WL 943 LATIN III (1 credit)

This course is a continued, in depth study of Latin grammar, syntax, broadening of vocabulary, and an awareness of word relationship between Latin and English. Students study various Roman writers and their contributions to Latin literature. Students are required to take the National Latin Exam. **(Prerequisite: WL 942.)**

WL 944 LATIN IV (1 credit)

Latin IV is an integrated reading course consisting of classic Latin prose and poetry. Students will use their knowledge of Latin grammar, syntax, and vocabulary to study great Roman authors

and their works of literature. The texts for this course include, but are not limited to, the *Trojan War*, Vergil's *Aeneid*, selections of Latin poetry, and various works by Cicero. For each text studied, students will learn new vocabulary, grammar and read comparative or background readings. Students are required to take the National Latin Exam. **(Prerequisite: WL 943.)**

CHINESE:

WL 951 CHINESE I (MANDARIN) (1 credit)

This course is the introductory study of Chinese language, history and culture. Students will acquire conversational skills through the use of writing and reading pinyin and will learn how to write the most common Radicals. Attention will be paid to grammatical structures, vocabulary and pronunciation, but interactive communication will be the main focus. Students will be required to participate in class and complete homework on a daily basis. The text/workbook for the course is Learn Chinese With Me, Book I; students also need to purchase Langenscheidt's Chinese/English Pocket Dictionary. The instructor will provide supplementary historical and cultural materials.

WL 952 CHINESE II (MANDARIN) (1 credit)

This course will continue with the study of Chinese language, history and culture. Students will improve upon their conversational skills by increasing their vocabulary, perfecting their pronunciation and will learn to write and read full, simplified characters using correct stroke order and the Radicals learned in Chinese I. More attention will be paid to grammatical structures, vocabulary and pronunciation, but interactive communication will still be a major component. Students will be required to participate in class and complete homework on a daily basis. The texts/workbooks for the course are Learn Chinese With Me, Book I and II; students also need to purchase Langenscheidt's Chinese/English Pocket Dictionary. The instructor will provide supplementary historical and cultural materials. **(Prerequisite: Chinese I or department approval.)**

WL 953 CHINESE III (MANDARIN) (1 credit)

This course will continue with the study of Chinese language, history and culture, building upon that which was learned in Chinese I and II. Students will improve upon their conversation, reading and writing skills by further increasing their vocabulary. Students will write and read using full, simplified characters only. Attention will be paid to grammatical structures, vocabulary and pronunciation, but interactive communication will still be a major component. Students will be required to participate in class and complete homework on a daily basis. The texts/workbooks for the course are Learn Chinese with Me, Book II and III; students also need to purchase Langenscheidt's Chinese/English Pocket Dictionary. The instructor will provide supplementary historical and cultural materials. **(Prerequisite: Chinese II or department approval.)**