

2009-2010

The course offerings presented in this booklet are intended to provide each student with the best possible academic program in light of her individual abilities, her educational growth and her needs in the future. The development of each student's program is the result of the individual student's choice; the guidance offered to her by parents, teachers, advisors and guidance counselors; and certain academic policies of the school and state.

The staff at St. Teresa's Academy offers maximum assistance in helping each student plan a program that provides both the basic skills and knowledge necessary to succeed in post-secondary studies or activities. The primary responsibility, however, lies with the parents and student in determining the direction of a student's program of studies.

The Master Schedule is built on choices made by the students and approved by parents. **Credits necessary for graduation take priority over elective STA courses and elective college courses.** Often, only one off campus college course or two AP/college on campus courses will fit into a schedule. An elective college course will be dropped if it creates a conflict with a required high school credit course.

Students are allowed to make changes to both fall and spring class schedules only during designated days before the beginning of the school year. There is a \$25.00 fee to add a class and a \$25.00 fee to drop a class. **School policy prohibits any change request for the purpose of choosing a particular teacher.**

CREDITS REQUIRED FOR GRADUATION: 24 TOTAL

Theology	2 (4 years)
Mathematics	3
	4 beginning with Class of 2012
English	4
Foreign Language	2
Social Studies	3
Physical Education	1
Science	3
Fine Arts	1 (fulfilled in Art, Music, Speech & Drama)
Computer Science	1
Electives	4 (fulfilled by courses in any discipline over the required credits for graduation)
	3 beginning with Class of 2012
Community Service	90 hours

When you are planning for college, select courses from the academic area recommended by the colleges you may attend.

Some general recommendations, though not necessarily requirements, for college are: 4 years English; 3-4 years Mathematics including Geometry; 3 years Science; 2-4 years Foreign Language; and 3-4 years Social Studies with additional units in the areas of your special interests. For a liberal arts education, it is recommended that you include courses in the Computer Sciences and/or Fine Arts each year.

HONOR COURSES (are designated by an “*”)

To qualify for admission to AP, College or Honors courses, a student must have:

1. met the course GPA criteria
2. recommendation of current teacher and/or approval of course instructor, and required standardized test percentiles
3. advisor and parents' approval
4. fulfilled any prerequisite stated for the course

GUIDANCE DEPARTMENT SERVICES

The function of the guidance department is to be an advocate for the individual student, while focusing on the overall developmental process of all students. To fulfill that purpose, we provide a broad range of academic, personal, and interpersonal services. Our primary goal is to be responsive to students' needs, while being proactive in nature and focused on preventative measures to aid student development. In collaboration with faculty, administrators, parents, and students we hope to maximize the emotional, social, and educational experience here at STA. Following are specific resources and services available:

- personal counseling, individual and small group
- assisting with study skills and academic monitoring
- coaching struggling students with strategies for success
- assisting student with educational planning and scheduling
- consulting with parents for personal and academic intervention
- collaborating with faculty to increase student success
- coordinating extended semester-long freshmen orientation
- liaison for students and parents with school and community resources
- conflict resolution for individuals and small groups
- facilitating support groups to address student needs

College Counseling Services

The goal of the department is to prepare students to wisely choose the college experience that is most valuable to them in preparing for their future and to assist them in the transition process from St. Teresa's to college. The services available are:

- PSAT, PLAN and AP testing
- individual college planning
- college application workshops and assistance
- visits from college representatives
- college fair and student/parent information programs
- scholarship, financial aid and enrichment program information
- monthly news for parents, seniors, and juniors
- extensive website including access to Naviance
- online career planning
- online access the Method Test Prep for ACT preparation

LIBRARY SERVICES

Mission Statement

The mission of the STA Library is to empower students to become independent lifelong users of the library and information systems.

Program Goals

The library's purpose is to provide students with the necessary information and tools to acquire knowledge independently. We also want to create lifelong learners by:

- integrating the library into the school curriculum
- maintaining an accessible collection
- providing a pleasant atmosphere in which a variety of resources and learning opportunities are available for students
- educating students on how to access information electronically as well as traditionally
- teaching the research process so students can develop search skills which help them analyze data, make decisions and think critically
- promoting reading

COMPUTER SCIENCE

8000 Computer Applications

Prerequisites: None Grade: 9 (required)
Length of Course: One semester, available both semesters
Credit: One-half in Computer Science

This course offers a practical, hands-on approach to learning how to use technology available at STA to manage information, improve productivity, and solve problems. Students will become more comfortable and creative in their use of technology as they complete projects using Microsoft Word, Excel, Access, PowerPoint, Publisher, and the Internet. Units of study include responsible and ethical use of computers, navigating the STA Local Area Network (LAN), research techniques using MLA format, and personal finance technology tools.

8020 Personal Finance

Prerequisites: None Grade: 10-12
Length of Course: One Semester, available both semesters
Credit: One-half in Computer Science

Personal Finance is designed to help students prepare for their economic future. This course provides money-management techniques empowering students to make informed decisions to attain their financial goals. Concepts include "real-life math" situations with focus on goal setting, income, banking, budgeting, saving, investment, insurance, and credit.

8030 Homepage

Prerequisites: None Grade: 10-12
Length of Course: One Semester, available both semesters
Credit: One-half in Computer Science

Students will study fundamental principals and guidelines in developing a website homepage. Topics covered will include planning for Internet Web access, hardware and software requirements, and choosing a Web browser. This course will include a basic approach to understanding the Web and creating homepages. It will define Web vocabulary and explain in simple language the technology involved in accessing the Web and creating a website. This will include an introduction to HTML to help students design and implement a homepage.

8060 Computer Graphics

Prerequisites: None Grade: 10-12
Length of Course: One Semester, available both semesters
Credit: One-half in Computer Science OR Fine Arts

See description in Fine Arts.

8070 #Computer Science Practicum

Prerequisites: teacher's signature Grade: 11-12
Length of Course: One Semester, available both semesters
Credit: One-fourth in Elective

This course allows students to customize the computer science experience with teacher mentorship. Students will work with Computer Science instructors as lab assistants and tutors. Activities may include working with Stella modeling, programming languages, in-depth work on specific applications such as Excel, Word, Gradebook, etc. Credit/no credit course.

FINE ARTS

7000 Drawing I

Prerequisites: None Grade: 9-12
Length of Course: One year
Credit: One in Fine Arts
Supplies: \$60.00

The goal of this course is to develop the student's powers of observation and ability to draw what is seen. The course includes the basics of contour line drawing, linear perspective composition and the principles, techniques and methods of shading with lead and charcoal pencil, ink, conte and pastels. Students should have some ability to draw what is seen.

7010 Advanced Drawing

Prerequisites: Drawing I; Grade: 10-12
teacher signature or portfolio review
Length of Course: One year
Credit: One in Fine Arts
Supplies: \$60.00

This course will continue the development of the student's perception of drawing what she sees. We will explore composition, concept, design, and theory as methods to encourage personal style. This class will include art history, research, drawing, painting, printmaking, and ceramics.

8060 Computer Graphics

Prerequisites: none Grade: 10-12
Length of Course: One semester, available both semesters
Credit: One-half in Fine Arts OR Computer Science

This course is designed for those students who would like to be introduced to the possibilities of using the computer as an art tool. Students will learn computer desktop publishing and illustration with programs the professionals use: Illustrator and InDesign. This class is especially helpful to those students enrolled in graphic design classes or on the Windmoor staff. Due to the fact that this course requires significant independent work, it is recommended for seniors, juniors and only those sophomores that possess superior work/study skills.

7020 Graphic Design

Prerequisites: Drawing I; teacher signature Grade: 10-12
Length of Course: One year
Credit: One in Fine Arts
Supplies: \$60.00

This course is designed to teach students the creative use of two-dimensional space, the application of graphic design principles, type as an element of design, and the application of variations in layouts. Students will be provided a comprehensive foundation in design and will be encouraged to foster their creativity through experimentation.





7520 Digital Photography

Prerequisites: Students need to own a digital camera that has the ability to manually set the shutter speed, aperture, and ISO
 Grade: 10-11
 Length of Course: One semester, available both semesters
 Credit: One-half in Fine Arts OR Computer Science
 Supplies: \$40.00

This course will teach introductory techniques of creating photographs and digitally enhancing photographs. Students will learn the technical aspects of photography in addition to compositional principles. A variety of projects—from still life to candid photograph—will run throughout the course. Because digital photography necessarily includes the use of computer applications, students will learn how to use PhotoShop to enhance and manipulate their work. Students must own a digital camera that has the ability to manually set the shutter speed, aperture and ISO. **Such cameras will likely cost between \$200 and \$500 depending on quality and whether the student purchases a new or used camera.** After taking this course, students could apply to join the Yearbook and Newspaper staff as a staff photographer.

7350 Painting

Prerequisites: Advanced Drawing or teacher signature
 Grade: 11-12
 Length of Course: One semester, available both semesters
 Credit: One-half in Fine Arts
 Supplies: \$40.00

This course will continue to develop the student's powers of observation through various painting techniques and progress in the use of color. Students will be challenged to express their creativity and self expression through the use of acrylics and watercolors. This course may be repeated for additional credit. It may be taken both semesters.

7040 Fiber/Textile Design

Prerequisites: None
 Grade: 11-12
 Length of Course: One semester, available both semesters
 Credit: One-half in Fine Arts
 Supplies: \$30.00

This course will explore the textile and fiber art of dyeing and weaving. Students will learn traditional surface design techniques such as shibori and silk painting, as well as contemporary approaches to surface design including screen printing and image transfer processes. Basket weaving will involve the use of non-traditional and traditional materials and techniques.

7310 Ceramics

Prerequisites: None
 Grade: 10-12
 Length of Course: One semester, available both semesters
 Credit: One-half in Fine Arts
 Supplies: \$40.00

This course is an introduction to ceramics that develops an understanding of form, function, craftsmanship, and the creative thought process. The class will explore hand building and wheel throwing techniques, with an emphasis on both sculptural and functional three-dimensional form. Students are encouraged to develop their own ideas and concepts. An idea involves not only the physical but also personal interactions with that idea.

7320 Ceramics II

Prerequisites: "B" in Ceramics I; teacher signature
 Grade: 11-12
 Length of Course: One semester, available both semesters
 Credit: One-half in Fine Arts
 Supplies: \$40.00

Ceramics II is an advanced class in the art of wheel throwing and hand building techniques. Advanced wheel throwing will include the pursuit of well made functional pieces such as bowls, lidded jars, pitchers and teapots. Sculptural pieces will involve the use of reductive as well as additive techniques. Advanced surface design, embellishment and techniques will be studied. This course will also include the study of glaze and clay mixing and chemistry as well as an exploration of various kiln firing.

7330 Art Portfolio/AP Studio

Prerequisites: Advanced Drawing; teacher signature
 Grade: 12
 Length of Course: One year
 Credit: One-quarter in Fine Arts
 Supplies: \$25.00

This course is for the serious art student who plans to study art in college. A variety of media and techniques will be used to continue to build a portfolio of work. Students will select and mat pieces for their portfolios and prepare slides of their work. Students may submit their portfolios for Advanced Placement credit. Seniors will show their work in the Exhibition Room in Donnelly before graduation. Limited to five students.

7140 Concert Choir

Prerequisites: None
 Grade: 9-10
 Length of Course: One year
 Credit: One in Fine Arts

All students who enjoy singing, regardless of ability, are invited to enroll. Students will work to strengthen musical and non-musical skills including music reading and interpretation, vocal technique and production, stage presence, confidence and music appreciation through performance and listening. A wide variety of choral music from serious to lighter music will be studied and performed. Requirements include school concerts.



7100 A Cappella Choir

Prerequisites: None Grade: 11-12
 Length of Course: One year
 Credit: One in Fine Arts

This choir will study and perform a variety of advanced choral music while developing skills in vocal technique, music literacy, interpretation, stage presence, and music appreciation through performance and listening. Participation in school concerts, community and special events and music contest will be required. All students who enjoy singing, regardless of ability, are invited to enroll.

7160 Instrumental Music

Prerequisites: Prior experience and Grade: 9-12
 training in any string, woodwind or brass orchestral instrument; teacher signature
 Length of Course: One year
 Credit: One in Fine Arts

This course is designed to give experienced players the opportunity to continue to perfect their technical skills and to perform publicly in an ensemble. Course content will stress technique, music reading and overall musical and performance skills. Repertoire will be drawn from classical and from lighter musical sources. Participation in school concerts, community and special events, and music contest will be required. Students are expected to provide their own musical instruments.

7150 Beginning Piano

Prerequisites: teacher signature; Grade: 11-12
 no prior piano experience allowed
 Length of Course: One semester, available both semesters
 Credit: One-half in Fine Arts

This course is for students who have no prior piano experience. Students will learn the basics of piano through the playing of many styles of music. Students will also become familiar with the basic theory of music through individual and group piano study. Limited to six students per section.

7190 Speech

Prerequisites: None Grade: 10 (required)
 Length of Course: One semester, available both semesters
 Credit: One-half in Fine Arts

This course will develop different aspects of oral communication skills essential for success in our society. Topics discussed will include interpersonal and intrapersonal communication, group discussions, telephone etiquette, interviewing, and persuasive, informative, and impromptu speeches. We will explore the ethical responsibility that speech gives hold and the skills required to become a better listener. We will touch on all four types of speech delivery and learn the technical

aspects of researching and writing speeches given in class. This will teach you to present yourself in a positive and professional manner so that you can begin to communicate effectively in all aspects of your life.

7210 Drama I, Intro to Theatre

Prerequisites: None Grade: 9-12
 Length of Course: One semester, available first semester
 Credit: One-half in Fine Arts

This course is designed to provide students with an introduction to theatre. Students will be involved in the reading, analysis, and evaluation of several plays beginning with ancient Greece through the Elizabethan era. Students will receive a brief introduction to performance by presenting monologues from each play. Students will be expected to attend one theatrical production during the course of the semester.

7220 Drama II, Stagecraft

Prerequisites: Drama I Grade: 9-12
 Length of Course: One semester, available second semester
 Credit: One-half in Fine Arts

This course is a continuation of Drama I, with a focus on set and costume design, lighting, makeup application, and stage management. We will begin with 60's theatre and continue on through theatre of today. We will explore multicultural theatre, musicals, and straight plays. Students will be expected to attend one theatrical production during the course of the semester.

7500 Acting I

Prerequisites: teacher signature Grade: 10-12
 Length of Course: One semester, available both semesters
 Credit: One-half in Fine Arts

Have you ever wanted to try acting but were too scared to give it a shot? Then this is the class for you! Learn acting in a non-threatening atmosphere. The focus of this course will be acting technique. We will work primarily on the Stanislavsky method but will study other acting methods as well. Students will perform scenes and monologues from both theatre and film mediums and will learn the importance of body and breathe control.

7230 Technical Theatre

Prerequisites: teacher signature Grade: 10-11
 Length of Course: One semester, available both semesters
 Credit: One-half in Fine Arts

The focus of the class will be lighting design, sound design and stage management. Students will learn how to run the sound and light boards as well as how to create a sound track for a show, how to design a light plot for a show, how to focus lights, etc. As a class students will design and set the sound and lights for STA productions.

7260 Debate/Speech II

Prerequisites: an "A" in Speech I, Grade: 11-12
 teacher signature; written essay
 Length of Course: One semester, available both semesters
 Credit: One-half in Fine Arts

Outside school time is required to participate in at least two interscholastic competitions during the semester. Students will develop and refine debate and speaking skills, leadership, teamwork and cooperation. For the speech part, this course takes up where speech class left off. In the debate area, we will touch on the various types, but will concentrate our efforts primarily on parliamentary. We will be discussing current events and be expected to argue either side of a given

Fine Arts Department

Courses requiring a pre-requisite or signature

	Technical Theatre	Acting I	Forensics	Advanced Forensics	Advanced Acting	Debate	Improv-isation
Signature needed?	<input type="radio"/> Yes Prentiss	<input type="radio"/> Yes Prentiss	<input type="radio"/> Yes Prentiss	<input type="radio"/> Yes Prentiss	<input type="radio"/> Yes Prentiss	<input type="radio"/> Yes Heid	<input type="radio"/> Yes Prentiss
Prerequisites	<input type="radio"/> No	<input type="radio"/> No	<input type="radio"/> No	<input type="radio"/> Forensics	<input type="radio"/> Teacher Approval	<input type="radio"/> "A" in Speech, essay, teacher approval	<input type="radio"/> No
	Advanced Drawing	Graphic Design	Painting	Ceramics II	Art/AP Portfolio		
Signature needed?	<input type="radio"/> Yes Wallerstedt	<input type="radio"/> Yes Wallerstedt	<input type="radio"/> Yes Wallerstedt	<input type="radio"/> Yes Dibble	<input type="radio"/> Yes Wallerstedt		
Prerequisites <i>*Juniors and Seniors are limited to two art classes per semester</i>	<input type="radio"/> Drawing I or portfolio review	<input type="radio"/> Drawing I or portfolio review	<input type="radio"/> Advanced Drawing or portfolio review	<input type="radio"/> Ceramics I "B" average	<input type="radio"/> Advanced Drawing or portfolio review		
	A Cappella Choir	Instrumental Music	Beginning Piano	Concert Choir			
Signature needed?	<input type="radio"/> No	<input type="radio"/> Yes Moore	<input type="radio"/> Yes Moore	<input type="radio"/> No			
Prerequisites	<input type="radio"/> None	<input type="radio"/> Experience & training in string, brass, or woodwind, or orchestral instrument (student needs own instrument)	<input type="radio"/> No prior piano experience allowed	<input type="radio"/> None			

issue. We will work on activities involving group discussions and on skills required to make the student more confident in argumentation. Students become better listeners and become more accepting of other's viewpoints. This is a life-long skill that will help form our leaders of tomorrow.

7200 Advanced Acting

Prerequisites: teacher signature; a meeting with theatre teacher before registration

Grade: 12

Length of Course: One semester, available both semesters

Credit: One-fourth in Fine Arts

This course is for the serious drama student. It is intended for students planning to pursue theatre after high school. Students will select and prepare several monologues for professional theatre and college auditions. Only two students accepted each semester.

7400 Forensics (Competitive Drama)

Prerequisites: teacher signature

Grade: 11-12

Length of Course: One semester, available first semester

Credit: One-half in Fine Arts

This course is designed to give students the opportunity to develop

individual skills in speech and drama. Students will research, perform and evaluate six competitive events. All students will be required to attend interscholastic tournaments.

7410 Advanced Forensics (Competitive Drama)

Prerequisites: Forensics; teacher signature

Grade: 11-12

Length of Course: One semester, available first semester

Credit: One-half in Fine Arts

Students will focus on competition pieces, the development of tournament performances and the evaluation of novice team members.

7510 Improvisation-Theatre Arts

Prerequisites: teacher signature

Grade: 11-12

Length of Course: One semester, available second semester

Credit: One-half in Fine Arts

This course will explore improvisation and acting techniques used in comedic acting. Learn how to think on your feet, how to build a comic character, how to critique comedy and so much more. Through improvisation, monologues and scene work, students will gain a deeper understanding for the art of comic acting. This course is for all skill levels.

FOREIGN LANGUAGE

TWO CONSECUTIVE YEARS OF THE SAME FOREIGN LANGUAGE

The Foreign Language Department strongly recommends a four year program of study of one foreign language to all students. After the successful completion of the two-year foreign language requirement, a student may enroll concurrently in a second foreign language or may enroll in a new foreign language. The signature of the current language teacher is required to begin a new or second foreign language.

FRESHMEN ARE NOT ELIGIBLE FOR COLLEGE CREDIT PROGRAM. SOPHOMORES NEED PRIOR APPROVAL OF STA AND ROCKHURST UNIVERSITY.

6000 French I

Prerequisites: current students need a teacher signature Grade: 9-10

Length of Course: One year

Credit: One in Foreign Language

French I is an introduction to the French language emphasizing basic conversation and basic grammar that will help the student communicate orally and in writing. The student will also study the cultures of different French speaking countries. Language Lab will provide supplementary skill building.

6020 French II

Prerequisites: French I

Length of Course: One year

Credit: One in Foreign Language

French II will reinforce French conversation and grammar skills. It will increase the student's cultural awareness of the French speaking world. Language Lab will provide supplementary skill building.

6030 College French III

Prerequisites: teacher recommendation/signature; "B" average in French II; to pursue dual credit option, students need a cumulative GPA of 3.0

Length of Course: One year

Credit: One in Foreign Language

French III fosters expansion in all fundamental foreign language skills, with increased emphasis on speaking fluently, reading authentic materials, and using more complex grammatical structures and a variety of verb tenses in written activities. Sophisticated vocabulary and increased cultural awareness are important components of this course. There is an additional fee payable to Rockhurst University (2009-10) of \$83/credit hour and \$60 matriculation fee for eligible students who wish to pursue college credit (optional). Enrollment determines whether the course will be offered for college credit.

6070 *College French IV

Prerequisites: teacher recommendation/signature; "B" for both semesters of French III; to pursue dual credit option, students need a cumulative GPA of 3.0

Length of Course: One year

Credit: One in Foreign Language

Students are challenged to master essential grammatical structures, to display critical thinking and technical competence in analyzing classic French literature texts and films and to polish and integrate their foreign language skills to achieve a learning experience equivalent to an



intermediate college course in French language. There is an additional fee payable to Rockhurst University (2009-10) of \$83/credit hour and \$60 matriculation fee for eligible students who wish to pursue college credit (optional). In addition, students will prepare to take the AP French Language exam. A released AP exam will be given as a final exam.

6050 *College French V

Prerequisites: teacher recommendation/signature; "B" for both semesters of French IV; a cumulative GPA of 3.0

Length of Course: One year

Credit: One in Foreign Language

Off campus at Rockhurst University. There is an additional fee payable to Rockhurst University (2009-10) of \$90/credit hour and \$60 matriculation fee. In addition, students will be encouraged to take an AP exam.

6060 #French Practicum

Prerequisites: completion of French II; teacher recommendation/signature

Length of Course: One semester, available both semesters

Credit: One-fourth in Elective, may be taken one semester only

This independent study course provides the student with the opportunity to serve the Foreign Language Department. This learning experience will not only enable her to help others, but will reinforce her own foundation in the target language. Credit/no credit course.

6100 Latin I

Prerequisites: current students need a teacher signature Grade: 9-11

Length of Course: One year

Credit: One in Foreign Language

The primary goal for the Latin I student is to learn the structure of the Latin language in order to acquire facility in reading Latin literature. Emphasis will be placed on building vocabulary, mastering grammar, and investigating the culture and history of the Roman people. In addition, Latin students will also increase their own English vocabulary through the use of Latin words. Language Lab will provide guided practice in word power, grammar, mythology and culture.

6200 Latin II

Prerequisites: Latin I

Length of Course: One year

Credit: One in Foreign Language

The Latin II students will reinforce and continue to learn the structure of the Latin language in order to master the grammar necessary for reading Latin literature. They will build on both Latin and English vocabularies. Language Lab will provide guided practice in word power, grammar, mythology and culture.

6300 College Latin III

Prerequisites: teacher recommendation/signature;

“B-” average in Latin II; to pursue dual credit option, students need a cumulative GPA of 3.0

Length of Course: One year

Credit: One in Foreign Language

Latin III students begin the immersion into Latin literature by stressing growth in language structure with increased emphasis on reading comprehension. Important vocabulary will be reviewed and new poetic and stylistic structures will be introduced. Word power will continue to be emphasized. There is an additional fee payable to Rockhurst University (2009-010) of \$83/credit hour and \$60 matriculation fee for eligible students who wish to pursue college credit (optional). Enrollment determines whether the course will be offered for college credit. Students will have the option to take the AP Vergil exam. This course will be unweighted credit.

6400 *College Latin IV

Prerequisites: teacher recommendation/signature; “B” for both semesters of Latin III; to pursue dual credit option, students need a cumulative GPA of 3.0

Length of Course: One year

Credit: One in Foreign Language

Latin IV students continue the immersion into Latin literature. Major grammatical points and important vocabulary will be reviewed and new poetic and stylistic structures will be introduced. Word power will continue to be emphasized. The course will focus on *The Aenid* by Vergil. There is an additional fee payable to Rockhurst University (2009-

10) of \$83/credit hour and \$60 matriculation fee for eligible students who wish to pursue college credit (optional). Enrollment determines whether the course will be offered for college credit. In addition, students will prepare to take the AP Vergil exam. A released AP exam will be given as a final exam.

6440 #Latin Practicum

Prerequisites: Completion of Latin II; teacher recommendation/signature

Length of Course: One semester, available both semesters

Credit: One-fourth credit in Elective, may be taken one semester only

This course provides students with the opportunity to serve the Foreign Language Department by tutoring underclassmen. This learning experience will not only enable her to help others but will reinforce her own foundation in the target language. Credit/no credit course.

6500 Spanish I

Prerequisites: current students need a teacher signature Grade: 9-11

Length of Course: One year

Credit: One in Foreign Language

In this course the student will earn important basic grammar and vocabulary of the Spanish language that will help her communicate orally and in writing. The student will also develop a solid knowledge of various Spanish-speaking cultures. Language Lab will provide supplementary aural/oral skill building.

6520 Spanish II

Prerequisites: Spanish I

Length of Course: One year

Credit: One in Foreign Language

The Spanish II student will build on the vocabulary and grammar base gained in Spanish I, which will also be strengthened through short writing projects. She will increase her oral & aural skills by immersion into the language and Language Lab activities.

Foreign Language Department Courses requiring a pre-requisite or signature

	3 rd Year Language	4 th Year Language (Honors)	5 th Year Language (Honors)
Recommendation/ Signature needed?	o 2 nd yr teacher	o 3 rd yr teacher	o 4 th year teacher
GPA	o Cum 3.0 to enroll in college credit program	o Cum 3.0 to enroll in college credit program	o Cum 3.0
Other Requirements	o “B-” average in 2 nd year class	o “B” both semesters in 3 rd year class	o “B” both semesters in 4 th year class
Is the course grade weighted for GPA?	No	Yes	Yes

6540 College Spanish III

Prerequisites: teacher recommendation/signature; “B-” average in Spanish II; to pursue dual credit option, students need a cumulative GPA of 3.0

Length of Course: One year

Credit: One in Foreign Language

In this course the student will deepen her vocabulary, review all concepts presented in the first and second year courses and learn new grammar material. She will also become more familiar with various Spanish-speaking cultures. There is an additional fee payable to Rockhurst University (2009-10) of \$83/credit hour and \$60 matriculation fee for eligible students who wish to pursue college credit (optional). Enrollment determines whether the course will be offered for college credit. This course will be unweighted credit.

6580 *College Spanish IV

Prerequisites: teacher recommendation/signature; “B” for both semesters of Spanish III; to pursue dual credit option, students need a cumulative GPA of 3.0

Length of Course: One year

Credit: One in Foreign Language

The Spanish IV student will build and reinforce her aural skills and culture of the language by watching and interacting with a Latin American soap opera together with watching several movies in and outside class. She will also be introduced to Hispanic literature through novels from different Latino writers and short stories/legends from diverse countries. Grammar will be reinforced through compositions and activities; and verbal skills will continue to develop through class discussions and oral exams. There is an additional fee payable to Rockhurst University (2009-10) of \$83/credit hour and \$60 matriculation fee for eligible students who wish to pursue college credit (optional). Enrollment determines whether the course will be offered for college credit. In addition, students will prepare to take the AP Spanish Language exam. A released AP exam will be given as a final exam.

6570 *College Spanish V

Prerequisites: teacher recommendation/signature; “B” for both semesters of Spanish IV; a cumulative GPA of 3.0

Length of Course: One year

Credit: One in Foreign Language

Off campus at Rockhurst University. There is an additional fee payable to Rockhurst University (2009-10) of \$90/credit hour and \$60

matriculation fee. In addition, students will be encouraged to take an AP exam.

6560 #Spanish Practicum

Prerequisites: Completion of Spanish II; teacher recommendation/signature

Length of Course: One semester, available both semesters

Credit: One-fourth in Elective, may be taken one semester only

This course provides the student with the opportunity to reinforce her foundation in the target language while enabling her to help others. She will be required to work in the Language Resource Center. Credit/no credit course.

INTERDISCIPLINARY

STAR*TER Seminar

Prerequisites: None

Grade: 9 (required)

Length of Course: One semester; available first semester

This seminar is designed to help all Freshmen make a successful transition into high school. Many guest speakers from throughout the STA community inform students about all aspects of life here on campus. Other topics are presented to equip students to handle the personal, social and academic concerns of adolescence.

WORLD PERSPECTIVES

World Perspectives is a year-long course in which students learn the origins, evolution and literature of global cultures. Although the Language Arts and Social Studies sections of this course are separate, the studies in each are intertwined so the student understands the impact one discipline has upon the other. All students participate in an Interdisciplinary project during the school year.

1220 World Literature—Language Arts

Prerequisites: English I

Grade: 10 (required)

Length of Course: One Year

Credit: One in Language Arts

World literature is taught in conjunction with World History. Through a geographical approach, students explore the literature of the ancient and modern worlds. The course includes novels, poetry, and nonfiction of Africa, Asia, Latin America, Middle East and Europe.

1210 World Literature—Accelerated Language Arts

Prerequisites: Students with a cumulative Grade: 10

GPA of 3.6 or higher are eligible. Eligible students will participate in timed writing, critical reading and vocabulary tests. Students will be selected based on their scores on the timed writing and class discussion exercises.

Length of Course: One year

Credit: One in Language Arts

This course’s primary objective is to study themes and their relationship to world cultures. Various instructional approaches are used so students are able to play an active role in building their own understanding of world literature.



Interdisciplinary Department

Courses requiring a pre-requisite or signature

	Accelerated World Perspectives	AP American Studies
Signature needed?	o Mr.Himes or Mrs. Rueschoff	o Mr. Fast or Mr. Whitney
GPA	o 3.6 cum GPA	o 3.5 cum GPA
Test Score	o Timed writing, Vocabulary and Critical Reading	o 80% or above on PLAN test in Reading and English sub scores
Other Requirements	o "A-" or above in English I OR "B" or above in Accelerated English I	o "A-" average in Soph. World Perspectives "B" average in Accelerated World Perspectives
Is the course grade weighted for GPA?	No	Yes

2000 World History—Social Studies

Prerequisites: English I and Geography Grade: 10 (required)
Length of Course: One Year
Credit: One in Social Studies

Students apply their understanding of the seven major social sciences in examining the major culture regions of the world, expanding their capacity for critical thought, sensitivity and creativity. Students demonstrate growth in these areas through written and oral presentations and class discussion on a regular basis.

2020 World History—Accelerated Social Studies

Prerequisites: placement in Accelerated World Literature—Language Arts Grade: 10
Length of Course: One year
Credit: One in Social Studies

Accelerated World History involves the study of eight major turning points and themes. These themes include the emergence of humans, creation of settlements and empires, spread of religion, exploration and trade, revolutions, technological changes and their impact on the formation of new cultural identities. Students will be expected to perform at the level of an accelerated class in terms of pace, quality of work and accountability for independent study.

AMERICAN STUDIES

Although the Language Arts and Social Studies sections are separate, classes are arranged chronologically and trace the changes in attitudes, ideas and styles that have occurred in our historical and literary culture over the past several centuries.

NOTE: Any student enrolled in the AP/Honors section of American Literature is automatically enrolled in the AP/Honors section of American History for the entire year. Students may not elect to take one section for regular credit and one for honors credit.

1230 American Literature

Prerequisites: World Literature Grade: 11 (required)
Length of Course: One year
Credit: One in English

Students study a variety of American fiction, nonfiction, poetry and drama in order to draw a vivid portrait of the unique and varied culture

that is America. This course is a survey of American Literature from the Colonial Period to contemporary literature. This course is taught in conjunction with American History.

1240 *AP English Language/American Literature

Prerequisites: Students with a cumulative GPA of 4.0 or above automatically qualify. Grade: 11

Students with a cumulative GPA between 3.5 and 3.9 must qualify with all of the following:

- 1) An "A-" average in current English and Social Studies Courses.
- 2) Score an average of 80th percentile or above on the English and Reading sections of the Plan Test.

Length of Course: One year
Credit: One in English

The course is a survey of American Literature from the Colonial period to contemporary literature. **Advanced Placement** is a rigorous college level program which models the pace, skills, and literature typical of a first year college Composition course. Students are prepared for and expected to take the Advanced Placement exam.

2600 American History

Prerequisites: World History Grade: 11 (required)
Length of Course: One year
Credit: One in History

This course traces the growth and development of American culture from early Native Americans through the 1900's. Students will read, research, analyze, and discuss special topics in American history including: the Colonial Period, the American Revolution, the U.S. Constitution and early government, Sectionalism and the Civil War, Missouri history and government, turn-of-the-century American development of business and industry, America's involvement and growth as a world power, the Depression years, the Cold War in America and the countercultural revolution.

2610 *AP U.S. History

Prerequisites: Placement in AP/Honors American Literature Grade: 11
Length of Course: One year
Credit: One in Social Studies

Students will study, discuss, and research the development of American culture from the Colonial period through the Reagan presidency. Emphasis will be placed on the growth and development of American social, political, and economic life and the continuous contributions made by diverse ethnic groups who make up the “American Character.” **Advanced Placement** is a rigorous college level program which models the pace, skills and use of primary source documents typical of a first year college History course. Students are prepared for and expected to take the Advanced Placement exam in the spring.

LANGUAGE ARTS

The Language Art Department requires that all students pass a writing course before graduating from St. Teresa’s Academy. Writing or ACCP Reading and Rhetoric will complete the senior department requirement.

1100 English I

Prerequisites: None Grade: 9 (required)
 Length of Course: One year
 Credit: One in Language Arts

This course offers an introduction to the following literary genre: short story; novel; poetry; and drama. Students engage in the writing process to develop skills in both creative and research writing. Students study grammar and usage, sentence structure and composition. Vocabulary study is also a vital part of this course.

1110 Accelerated English I

Prerequisites: 90% or above in Grade: 9 (required)
 subsets in reading, language and verbal on the HSPT
 Length of Course: One year
 Credit: One in Language Arts

This course introduces the following literary genre: short story; novel; poetry; and drama. Students engage in the writing process to develop

skills in both creative and research writing. In addition to the study of literature, students review grammar and usage, sentence structure and composition. Vocabulary study is also a vital part of this course.

1370 Writing

Prerequisites: None Grade: 12
 Length of Course: One semester, available both semesters
 Credit: One-half in Language Arts

Students will focus their writing of many types of prose: personal narratives, fiction, literary analysis, and research writing. A variety of short stories and novels will be used both as guides to creative writing and subjects of written reflection. Revision will be a key component to the writing process. Student-led writing groups will help with revision and inspiration. Students learn and observe grammatical fluency and MLA style standards. Teachers use summer reading assignments to introduce concepts that are discussed during the semester.

1570 British Literature

Prerequisites: None Grade: 11-12
 Length of Course: One semester
 Credit: One-half in Language Arts

This semester course is a chronological survey of British literature from its beginnings with the Anglo-Saxons to the twentieth century. Students study the historical and cultural backgrounds as well as characteristics and literary terms associated with the dominant genre of each period.



English Department

Courses requiring a pre-requisite or signature

	Accelerated World Literature	AP Language and American Literature	College Composition/AP English Literature
Signature needed?	o Mr. Himes	o Mr. Fast or Mr. Whitney	o Ms. Dunlay
GPA	o 3.6 cum GPA	o 3.5 cum GPA	o 3.7 cum GPA
Test Score	o Timed writing, vocabulary test, critical reading test	o 80% or above on PLAN test (English and Reading sub scores)	o Minimum PSAT score 80%
Other Requirements	o “A-” or above in English I OR “B” or above in Accelerated English I	o “A-” average in World Lit and World History o “B” average in Acc. World Lit. and World History	o Writing portfolio submission o Timed writing sample
Is the course grade weighted for GPA?	No	Yes	Yes, Students also can earn college credit through Rockhurst University (additional fee)

1590 Contemporary Literature

Prerequisites: None Grade: 11-12
Length of Course: One semester
Credit: One-half in Language Arts

Contemporary Literature is a course that features twentieth and twenty-first century literature. It includes fiction and nonfiction in the form of contemporary memoirs, poetry, drama, novel, short stories, and essays. Students analyze and write about the literature they read. The course also includes oral presentations, journaling, and a research project.

1340 Women in Literature

Prerequisites: None Grade: 11-12
Length of Course: One semester
Credit: One-half in Language Arts

This course focuses on English and American women from medieval to contemporary times. The study traces the contribution of women in poetry, novel, short story and drama. The course work includes group projects and oral presentations.

1610 Great Books in Literature

Prerequisites: None Grade: 11-12
Length of Course: One semester
Credit: One-half in Language Arts

Great Books is designed for students who have a profound love of literature, a passion for complex ideas, a desire to read intensively and analytically, and a commitment to independent study. Texts range from the classic canonical texts to those by modern writers from around the world. Authors might include Dante, Ovid, Sophocles and Melville. The course is taught seminar style, which requires that students take the lead in their own education, organizing class presentations of the literature and related topics. Novels and stories of varying length and degree of difficulty come from the European and American traditions.

1470 Literature in Drama

Prerequisites: None Grade: 11-12
Length of Course: One semester
Credit: One-half in Language Arts

This course examines many aspects of dramatic texts, including how they are written and how they are translated from the page to the stage. Students first read the play and then view it performed on film or in live theatre. Special emphasis is placed on developing critical thinking skills with regard to the choices actors and directors make in the process of translating a play from text to performance. Students develop writing skills as they write film/theater reviews and essays which compare and contrast a play's text with its performance.

1380 Shakespeare

Prerequisites: none Grade: 11-12
Length of Course: One semester
Credit: One-half in Language Arts

Students study tragedies, comedies and histories. The course is performance-based and students will be responsible for performance activities as well as tests and papers. In-depth study of the plays lead to deeper appreciation and understanding of the works of the Bard.

1550 *AP English Literature/College Composition

Prerequisites: 3.7 GPA; Grade: 12
College Composition teacher's signature;
submission of portfolio; timed writing; minimum PSAT
score 80%
Length of Course: One year
Credit: One in Language Arts

This course is a college level course in writing and literature in which students can earn six credits from Rockhurst College. Students also take the Advanced Placement Test in Literature & Composition (additional fee assessed). Students are challenged to develop individual writing styles adaptable to different writing contexts in college and beyond. Assignments will include essays written in and out of class, journal writing, literary analysis and research. Expectations and grading of students are on a college level. There is an additional fee payable to Rockhurst University (\$83/credit hour 2009-10) and an additional matriculation fee \$60.

1480 Journalism

Prerequisites: Journalism teacher signature; Grade: 9-10
freshman must score at 80th percentile
in verbal & reading on Entrance Exam; sophomores
must provide application, recommendation and
portfolio
Length of Course: One year
Credit: One in elective

This course introduces students to the skills and knowledge necessary to work as a high school journalist. In addition to studying the history of American journalism, students learn the basic principles of news writing, feature writing, editorials, photography and design. With hands-on, practical activities and projects, this course provides necessary knowledge for joining the school's newspaper or yearbook.

1560 Newspaper

Prerequisites: Journalism; Grades: 10-12
signature of Journalism teacher. Staff will be selected
after candidates make application.
Length of Course: One year
Credit: One-half in Elective, One-half in Computer Science

Students enrolled in this course produce the school's newspaper, the *Dart*. Building on knowledge from the Journalism course, students learn more about the craft by writing stories, editing copy, making photographs, and creating layouts. Experienced students have the opportunity for leadership positions as newspaper editors. After school meetings and reporting assignments are required.

1410 Yearbook

Prerequisites: Journalism; Grades: 10-12
signature of Journalism teacher. Staff will be selected
after candidates make application.
Length of Course: One year
Credit: One-half in Elective, One-half in Computer Science

Students enrolled in this class create the school's yearbook, the *Teresian*. Using knowledge from the Journalism course, students refine their skills by designing pages, creating photographs, researching topics and writing stories. Experienced students are eligible to become editors who lead the production of the book. After school meetings and reporting assignments are required.



MATHEMATICS

4100 Algebra I

Prerequisites: Placement based on High School Entrance Test Grade: 9
 Length of Course: One year
 Credit: One in Mathematics

This course will emphasize mastery of algebraic skills. The student will solve equations, inequalities and related word problems, graph lines and perform operations on polynomials. Radical expressions will be covered, and functions will be introduced.

4110 Accelerated Algebra I

Prerequisites: Placement based on High School Entrance Test Grade: 9
 Length of Course: One year
 Credit: One in mathematics

This course will emphasize mastery of algebraic skills. The student will solve equations and inequalities and perform operations on polynomials. Algebraic proofs, functions, relations, square roots, slope and graphing will be covered. This is a college preparatory course and assumes some previous algebraic skills. It will move at a faster pace and in greater depth than Algebra I.

4200 Geometry

Prerequisites: Algebra I or Selected Algebra II Topics and current teacher signature Grade: 9-12
 Length of Course: One year
 Credit: One in Mathematics

Students will be introduced to the language of geometry, inductive and deductive reasoning, angle, line and plane relationships, congruent triangles, parallel and perpendicular lines, similarity, circles, measure of perimeter, area and volume and transformation.

4210 Accelerated Geometry

Prerequisites: 3.0 cumulative G.P.A.; Grade: 9-10
 minimum "C+" each semester in Acc. Algebra I;
 current teacher signature
 Length of Course: One year
 Credit: One in Mathematics

This course covers the topics of plane geometry: line and plane relationships; congruency; and similarity. Solid geometry topics will be discussed. Basic trigonometric functions are included. Emphasis is on the development of original and critical thinking skills.

4300 Selected Algebra II Topics

Prerequisites: Current teacher signature Grade: 10-12
 Length of Course: One year
 Credit: One in Mathematics

This course is designed for the student who would benefit from the reinforcement of Algebra I skills. Algebra I topics will be re-examined before introducing Algebra II. Emphasis will be on an in-depth understanding to bridge familiarity of Algebra I with Algebra II.

4310 Algebra II

Prerequisites: Selected Algebra II Topics or Grade: 10-12
 "C+" in Algebra I; minimum of "C" in Geometry first
 semester and minimum of "C+" in Geometry second
 semester; current teacher signature
 Length of Course: One year
 Credit: One in Mathematics

This course begins with a review of Algebra I. It includes the study of real and complex numbers and of function notation. The solution of linear, quadratic, rational, exponential and log equations is emphasized, along with graphs of lines, quadratics, exponentials and logs. A scientific calculator is required. A graphing calculator is optional.

4320 *Honors Algebra II

Prerequisites: 3.0 cum. G.P.A.; Grade: 10-11
 "C+" in Accelerated Algebra I; minimum "C+" each
 semester in Accelerated Geometry; current teacher
 signature
 Length of Course: One year
 Credit: One in Mathematics

Using the Accelerated Algebra I curriculum as a foundation, this course provides an in-depth study of algebra by proceeding through more sophisticated concepts including linear and quadratic functions, complex numbers, the Rational Root Theorem, conic sections, exponential, and logarithmic functions. An introduction to trigonometry is begun in the fourth quarter. The TI83 graphing calculator will be used. Minimally, a scientific calculator is required. This course carries a weighted grade point average and is a prerequisite to Pre-Calculus.

4350 Trigonometry/Analysis

Prerequisites: Algebra I; Geometry; Grade: 11-12
 Honors Algebra II or minimum "C" first semester and
 "C+" second semester in Alg. II; current teacher
 signature
 Length of Course: One year
 Credit: One in Mathematics

This course continues the study of functions, including polynomial, exponential, logarithmic and trigonometric. The nature of the graphs of polynomial, rational, exponential, logarithmic and trigonometric

Mathematics Department

Honors courses requiring a pre-requisite or signature**

	AP Calculus I	Pre-Calculus	Honors Algebra II
Signature needed?	o Current teacher	o Current teacher	o Current teacher
GPA	o Cum 3.0 o Cum 3.0 on an unweighted scale for Rockhurst Univ. Credit	o Cum 3.0	o Cum 3.0
Other Requirements	o "C+" both semesters in Pre-Cal o "B" both semesters in Trig/Analysis o TI83 plus graphing calculator o AP exam is required	o "C+" both semesters in Honors Algebra II	o "C+" both semesters in Accelerated Geometry o "C+" in Acc. Alg I
Is the course grade weighted for GPA?	Yes	Yes	Yes

**** All Mathematics Courses require a teachers' signature.**

functions are investigated. Trigonometric identities, applications, inverse relations and functions and polar coordinates are introduced. Additional topics may include sequences, series, limits and basic probability. The course is a preparation for further study in mathematics. The TI83 graphing calculator will be used by the instructor and the students. Minimally, a scientific calculator is required.

4450 *Pre-Calculus

Prerequisites: 3.0 cumulative G.P.A.; Grade: 10-12
minimum "C+" each semester in Honors Algebra II;
current teacher signature

Length of Course: One year

Credit: One in Mathematics

Trigonometry, begun in Honors Algebra II, will be completed in the first quarter. The algebra of functions will be covered in detail, including foundations, emphasizing graphing of linear, quadratic, polynomial, rational, radical, exponential, logarithmic and special functions. The idea of limit will be explored. The TI83 graphing calculator will be used extensively. Minimally, a scientific calculator is required. This course carries a weighted grade point average.



4460 *AP Calculus I

Prerequisites: minimum "C+" Grade: 11-12
each semester of Pre-Calculus; minimum "B" each
semester of Trig/Analysis; current teacher signature

Length of Course: One year

Credit: One in Mathematics at STA; optional credits from
Rockhurst; credit/placement from AP Exam
(there are additional fees)

Calculus is a mathematical tool used to analyze changes in physical quantities, especially those involving motion. In this course, students' knowledge of lines, curves and functions (especially trigonometric, logarithmic and exponential) will be expanded. Students will learn about limits and continuity, differentiation and integration and their applications. The course will be calculator driven and all students will be required to have a TI83 plus graphing calculator for the course. For Rockhurst credit 3.0 on unweighted scale. All students are required to take the AP test. This course carries a weighted grade point average. Summer assignments will be required.

4470 *Calculus II & above

Prerequisites: Calculus I; Grade: 12
Calculus teacher signature; does not conflict with high
school courses necessary for graduation

Length of Course: One semester

Credit: One in Mathematics

These courses are taken off campus. There is an additional fee.

4360 #Math Practicum

Prerequisites: signature of teacher with Grade: 11-12
whom the student will work

Length of Course: One semester, available both semesters;
may take only one semester

Credit: One-fourth in Elective

This course provides students the opportunity to serve the Math Department by tutoring, data collection and teacher assistance. Credit/no credit course.



PHYSICAL EDUCATION

PE grades not calculated in student's GPA.

9000 #General Physical Education & Health

Prerequisites: None Grade: 9 (required)
 Length of Course: One year
 Credit: One-half in Physical Education

Students are given the opportunity to participate in both team and individual activities. Students will be instructed in rules, safety, basic skills and movements that will help them to participate in and enjoy sports activities. One quarter all students will study health which deals with human sexuality.

9300 #Sports & Fitness (Fall)

Prerequisites: Teacher signature Grade: 10-12
 Length of Course: One semester, available first semester
 Credit: One-half in Physical Education

This class is designed to introduce students to activities that will encourage life-long fitness. This course will include principles of physical fitness, recreational level volleyball, a quarter of weight training, introductions to Tai Chi, Pilates, Yoga and weather permitting, an introduction to tennis.

9310 #Sports & Fitness (Spring)

Prerequisites: Teacher signature Grade: 10-12
 Length of Course: One semester, available second semester
 Credit: One-half in Physical Education

This class is designed to introduce students to activities that will encourage life-long fitness. This course will include one quarter of weight training, a review of healthy nutrition, badminton, an introduction to Tai Chi, Pilates, Yoga and weather permitting an intro to Ultimate Frisbee.

9330 #Introduction to Dance

Prerequisites: None Grade: 10-12
 Length of Course: One semester, available both semesters
 Credit: One-half in Physical Education or Fine Arts

Intro to Dance includes yoga, pilates, ballet, modern and jazz fundamentals. Choreographic principles studied in class will culminate in student performances.

9340 #Intermediate Dance

Prerequisites: teacher signature; Grade: 11-12
 or Intro to Dance

Length of Course: One semester, available both semesters

Credit: One-half in Physical Education or Fine Arts

Intermediate dance is a continuation of Intro to Dance. Students will develop an intermediate level of technical skill and perform with greater fluency, precision and articulation. Students will use improvisation, technical dance elements and choreographic principals to create original dance compositions.

ATHLETICS

STA athletics is a program of development, training and competition.

#Dance Team

Prerequisites: Tryouts Grade: 9-12

Length of Course: August through February

Credit: One-half in Physical Education

Required summer camps. All practices and performances mandatory.

#Tennis, Varsity & Jr. Varsity

Prerequisites: Tryouts (Mid-August); Grade: 9-12
 advanced skill level

Length of Course: Mid-August to Mid-October

Credit: One-half in Physical Education

Purpose of this class is to prepare the student for interscholastic competition in singles and doubles. Practices and matches are mandatory.

#Golf, Varsity & Jr. Varsity

Prerequisites: Golf clubs; Grade: 9-12
 shoes; tryouts

Length of Course: August to mid-October

Credit: One-half in Physical Education

Course etiquette, rules of the game, scoring, and basic skills necessary to play the game are stressed. Practices and matches are mandatory. Competition includes district and state.

#Volleyball, Varsity, Jr. Varsity & Freshmen

Prerequisites: Tryouts (Mid-August); Grade: 9-12
 advanced skill level

Length of Course: Practice begins in August and play continues through the first week in November.

Credit: One-half in Physical Education

Advanced skills and techniques are developed along with offensive and defensive play and strategy. Competition is at the interscholastic level.

#Cross Country, Varsity, Jr. Varsity & Freshmen

Prerequisites: None Grade: 9-12

Length of Course: Mid-August through early November

Credit: One-half in Physical Education

All practices and meets are mandatory. Meets are generally on Saturday mornings. Competition includes area, regional and state meets.



#Softball, Varsity & Jr. Varsity

Prerequisites: Tryouts Grade: 9-12

Length of Course: Early August through Mid-October

Credit: One-half in Physical Education

All practices and games are mandatory. Competition is at the interscholastic level.

#Basketball, Varsity, Jr. Varsity & Freshmen

Prerequisites: Tryouts Grade: 9-12

Length of Course: Mid-November through March

Credit: One-half in Physical Education
Games with area schools, regional games and state tournaments. The student must attend every practice and be available for games in the evenings and on weekends.

#Swimming & Diving, Varsity & Jr. Varsity

Prerequisites: None Grade: 9-12

Length of Course: Mid-November through February

Credit: One-half in Physical Education

All practices and meets are mandatory. Meets held during week and on Saturdays. There will be an extra fee for pool rental off campus. All practices are mandatory.

#Track & Field, Varsity, Jr. Varsity & Freshmen

Prerequisites: None Grade: 9-12

Length of Course: Mid-February to third week of May

Credit: One-half in Physical Education

Student must attend every practice and be available for meets after school and on weekends. This course provides the student with an opportunity to participate in track meets with other area schools, district meets and state meets.

#Soccer, Varsity, Jr. Varsity & Freshmen Team

Prerequisites: Tryouts Grade: 9-12

Length of Course: Spring

Credit: One-half in Physical Education

Practice will be after school with some in the early evening. Players must attend all practices and games.

Science Department

Courses requiring a pre-requisite or signature

	Accelerated Biology	General Chemistry	Honors Chemistry	General Physics	Honors Physics	AP Biology
Signature needed?	o Accelerated Biology teacher signature	o Chemistry teacher signature	o Chemistry teacher signature	o Physics teacher signature	o Physics teacher signature	o Biology teacher signature
GPA	o Cum 3.6	o Cum 2.8	o Cum 3.6	N/A	o Cum 3.6	o Cum 3.6
Other Requirements	o N/A	o Biology o Concurrently enrolled in Geometry/Acc. Geom. or Alg II/ Honors Alg II	o "B" in Accelerated Biology or "B+" in General Biology o Concurrently enrolled in Acc. Geometry, Alg. II or Honors Alg. II	o "C+" in Algebra II	o "B" in Honors Chemistry or "B+" in General Chemistry o Completion or currently enrolled in Honors Alg II, Pre-Calc or Calc	o "B" in Honors Chemistry or "B+" in General Chemistry o "B" in Acc. Biology or "B+" in General Biology
Is the course grade weighted for GPA?	No	No	Yes	No	Yes	Yes

5100 Introduction to Chemistry and Physics

Prerequisites: None Grade: 9
 Length of Course: One semester, available both semesters
 Credit: One-half in Science

Students will study the basic foundations of physical science and chemistry including the concepts of measurement, motion, Newton's Laws, energy and atomic structure. Topics will be explored in a hands-on approach using problem solving skills and technology to collect and interpret data and write laboratory reports.

5200 General Biology

Prerequisites: None Grade: 10
 Length of Course: One year
 Credit: One in Science

A course in basic biological concepts and principles including cell structures, genetics, animal systems including reproduction, development, and nutrition. This course also includes units on scientific classification and ecology. Topics will be explored in a hands-on approach using problem solving skills and technology. Laboratory activities emphasize and investigate the topics covered in the course.

5210 Accelerated Biology

Prerequisites: 3.6 cumulative GPA; Grade: 9-10
 Accelerated Biology Teacher signature
 Length of Course: One year
 Credit: One in Science

An in-depth approach is taken in studying concepts of biology on a cellular and molecular level. Topics of study will include but not be limited to: energy, classification, cell structure, heredity, plants and reproduction. Topics will be explored in a hands-on approach emphasizing the scientific method and technology. Over the course of the year, students will be involved in various research projects.

5300 General Chemistry

Prerequisites: 2.8 GPA; Biology; Grade: 10-12
 Chemistry teacher signature; concurrently enrolled in
 Geometry, Acc. Geometry, Algebra II or Honors
 Algebra II
 Length of Course: One year
 Credit: One in Science

This course deals with basic concepts of atomic structure, periodic table, formula writing, balancing equations, bonding, mole concept, equilibrium and gas laws. Subject matter is based on lab work. A summer assignment will be due the first day of school.

5310 *Honors Chemistry

Prerequisites: Biology; 3.6 cum GPA; Grade 10-12
 Chemistry teacher signature
 "B" in Acc. Biology OR "B+" in General Biology;
 concurrently enrolled in Accelerated Geometry or
 Algebra II/Honors Algebra II
 Length of Course: One year
 Credit: One in Science

This course deals with concepts of atomic structure, periodic table, formula writing, balancing equations, bonding, mole concept, equilibrium and gas laws. Laboratory work will emphasize techniques of qualitative and quantitative analysis. A summer assignment will be due the first day of school.



5430 General Physics

Prerequisites: "C+" in Algebra II; Grade: 11-12
 teacher signature
 Length of Course: One year
 Credit: One in Science

Students in General Physics study motion, Newton's Laws, vectors, conservation of energy and momentum, waves, sound, light and electricity using both a mathematical and a laboratory approach. Students will incorporate scientific methods, problem solving skills and technology to conduct experiments, collect and interpret data and write laboratory reports. A summer assignment will be due the first day of school.

5420 *Honors Physics

Prerequisites: 3.6 cum GPA; Grade: 11-12
 "B" in Honors Chemistry OR "B+" in General
 Chemistry; concurrently enrolled or completion of
 Honors Algebra II, Pre-Calculus or Calculus; physics
 teacher signature
 Length of Course: One year
 Credit: One in Science

Honors Physics students apply algebraic equations, geometry, problem solving and computer technology for in-depth study of the foundational concepts of physics. Topics include straight line and rotational motion, dynamics (Newton's Laws and Forces) conservation laws, wave motion, sound, and electricity. A summer assignment will be due the first day of school.

5330 Ecology

Prerequisites: General Biology Grade: 10-12
 Length of Course: One semester, available first semester
 Credit: One-half in Science

This course includes a study of the interrelationships between living organisms and the total environment. During the first quarter, the focus will be on basic ecological concepts and various levels of interrelationships—a community, an ecosystem and a biosphere. The second quarter focus will be on the human impact on the environment and interrelationships among humans and other living organisms. Local environmental issues will also be explored.

5370 Botany

Prerequisites: General Biology Grade: 10-12
Length of Course: One semester, available second semester
Credit: One-half in Science

This course investigates the plant. Topics covered include: the evolution of plants; the plant cell; flowers, roots and leaves; plant types; and the effect of environmental factors. Students will also be involved in a landscaping project.

5320 Anatomy & Physiology I

Prerequisites: General Biology Grade: 10-12
Length of Course: One semester, available first semester
Credit: One-half in Science

Anatomy and Physiology I is a semester-long course that is taken by students who qualify by completing one year of Biology. The course is designed for students interested in medically related fields or who are interested in extending their practical knowledge about their body. This course will examine the structure and function of the organ systems in man. There will be dissection of a white rat. Topics covered include:

- Integumentary System
- Skeletal System
- Muscular System
- Digestive System
- Circulatory System
- Respiratory System

5540 Anatomy & Physiology II

Prerequisites: General Biology; Anatomy & Physiology I Grade: 10-12
Length of Course: One semester, available second semester
Credit: One-half in Science

Anatomy and Physiology II is a semester-long course that is taken by students who qualify by completing Anatomy & Physiology I. The course is designed for students interested in medically related fields. This course will examine the structure and function of the organ systems in man. There will be dissection of a fetal pig. Topics covered include:

- Endocrine System
- Nervous System
- Lymphatic System
- Urinary System
- Reproductive System



5530 Astronomy

Prerequisites: Physical Science or Physics; Grade: 10-12
Concurrently enrolled in Algebra II; Physics teacher signature

Length of Course: One semester, available both semesters
Credit: One-half in Science

This course is an introductory exploration of the composition and structure of the universe and the motion of the objects within it. Topics include historical models of the universe, our solar system and planetary motion; stellar classification and spectroscopy; stellar evolution and nuclear fusion; and messages from the cosmos and tools used to collect them. Several night sky observations and a pair of binoculars for personal use will be required.

5240 *AP Biology

Prerequisites: 3.6 GPA; "B" in Acc. Biology Grade: 11-12
or "B+" in Gen. Biology; "B" in Honors Chemistry or
"B+" in Reg. Chemistry; Biology teacher signature

Length of Course: One year
Credit: One in Science

Fee: \$50.00 for Study Guide

This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. Students are expected to take the AP Biology Exam (additional fee required) in May. Topics covered include:

- Molecules and Cells, 25%
- Heredity and Evolution, 25%
- Organisms and Population, 50%.

A summer assignment will be due the first day of school.

5360 #Biology Practicum

Prerequisites: "B" average in Grade: 10-12
Physical Science; Biology Teacher signature

Length of Course: One semester, available both semesters;
may only be taken one semester

Credit: One-fourth in Elective

This course will provide practical laboratory skills for the student and give more practice in preparing laboratory set-ups. Credit/no credit course.

5410 #Chemistry Practicum

Prerequisites: "B" average in Chemistry; Grade: 11-12
Chemistry teacher signature

Length of Course: One semester, available both semesters;
may only be taken one semester

Credit: One-fourth in Elective

This course will provide practical laboratory skills for the student and give more practice in preparing laboratory set-ups. Credit/no credit course.

5510 #Physics Practicum

Prerequisites: "B" average in Physical Science; Grade: 11-12
Physics teacher signature

Length of Course: One semester, available both semesters;
may only be taken one semester

Credit: One-fourth in Elective

This course will provide practical laboratory skills for the student and give more practice in preparing laboratory set-ups. Credit/no credit course.

Honors Classes in the Social Studies Department

Courses requiring a pre-requisite or signature

	College Western Civilization	AP American History	Accelerated World History	AP US Government
Signature needed?	o Mr. Egner o current history teacher	o Mr. Whitney or Mr. Fast	o Mr. Himes	o Mr. Sirridge
GPA	o Cum 3.5	o Cum 3.5	o Cum 3.6	o Cum 3.5
Test Score	N/A	o PLAN: 80% or above on both Reading and English sub scores	o Timed writing	N/A
Other Requirements	Writing sample from juniors	o "A-" average in World Lit and World History o "B" average in Acc. World Lit and Acc. World History	o Evaluation of participation in class discussion	o Signature/approval of current history teacher
Is the course grade weighted for GPA?	Yes	Yes	No	Yes

5520 *College Chemistry

Prerequisites: 3.6 GPA; "B" in Acc. Biology or "B+" in General Biology; "B" in Honors Chemistry or "B+" in Regular Chemistry; Chemistry teacher signature

Length of Course: One semester, first semester only
Credit: One-half in science

This course is taken off-campus at Rockhurst University. There is an additional cost of \$90.00 per credit (2009-10) and \$60.00 matriculation fee. Enrollment is dependent upon scheduling (off-campus courses cannot conflict with a required core STA course).

5490 *College Physics

Prerequisites: 3.6 GPA; "B" in Acc. Biology or "B+" in General Biology; "B" in Honors Chemistry or "B+" in General Chemistry; "B" in Honors Physics or "B+" in General Physics; Physics teacher signature

Length of Course: One semester, first semester only
Credit: One-half in science

This course is taken off-campus at Rockhurst University. There is an additional cost of \$90.00 per credit (2009-10) and \$60.00 matriculation fee. Enrollment is dependent upon scheduling (off-campus courses cannot conflict with a required core STA course).

SOCIAL STUDIES

2150 World Geography

Prerequisites: None Grade: 9 (required)
Length of Course: One semester, available both semesters
Credit: One-half in Social Studies

Fewer than half of all Americans can pass tests regarding basic geography terminology and map knowledge, but that will not be the case for you once you complete this course. Students will learn the fundamentals of map interpretation, movement and cultural geography. Areas of focus will include the geography, history, economics, government, religion and culture of the following areas: Australia, Oceania, North America, Central America, South America, Europe, Russia, Africa, Asia, and the Middle East.

2370 United States Government

Prerequisites: None Grade: 12 (required)
Length of Course: One semester, available both semesters
Credit: One-half in Social Studies

This course is an introduction to the United States Government system including how it works and how it affects the individual. Selected topics include the branches of government, legislative process, individual rights and responsibilities, the legal system, political parties and elections, and basic constitutional principles. Students will also fulfill certain civic duties and pass a U.S. Constitution exam.

2310 Current Events

Prerequisites: None Grade: 11-12
Length of Course: One semester, available first semester
Credit: One-half in Social Studies

What is happening in the world around us? How does it affect our lives? What effect will it have on the future? These and many other questions will be discussed in Current Events. Domestic and international events of the day are our topics for discussion. If you are curious and want to understand the events described on television and in the newspaper, Current Events can do that for you.

2340 Sociology

Prerequisites: None Grade: 11-12
Length of Course: One semester, available first semester
Credit: One-half in Social Studies

Have you ever wondered why your behavior sometimes changes when you are in a group? Sociology is the study of human social behavior and relationships and how they are affected greatly by our experiences in groups, organizations and institutions. Students will learn about various cultures and how they develop norms, values and beliefs. Students also will examine how humans are socialized and why we behave certain ways in family, work and social settings. Finally, students will focus on social inequalities and how society treats people who deviate from established norms and values.

2300 Economics of Social and Governmental Issues

Prerequisites: None Grade: 11-12
Length of Course: One semester, available second semester
Credit: One-half in Social Studies

This course is an introduction to basic economic principles and activities including: scarcity, opportunity cost, supply and demand, markets, economic growth and international trade. Additional emphasis will be placed on applying these concepts and principles to the most pressing domestic and international problems. Through classroom discussion, debate and presentation, students will evaluate issues such as: Social Security, health care, poverty, free trade, crime, environment and education.

2430 Psychology

Prerequisites: None Grade: 11-12
Length of Course: One semester, available second semester
Credit: One-half in Social Studies

If you have ever wanted to learn more about yourself, then this is the course for you! Psychology is a vibrant, living and ever growing science. Psychology is the scientific study of human behavior and the mind. It addresses questions like why people act and think the way they do. Students will learn about the workings of the mind, emotion and stress, stages of personal and social development, research methods, states of consciousness, learning and memory, personality theories, and various types of psychological problems and mental disorders.

2360 *AP U.S. Government & Politics

Prerequisites: GPA of 3.5 or above; Grade: 12
teacher signature
Length of Course: One year
Credit: One in Social Studies

This course is an introduction to the system of government in America and includes in-depth analysis of the three branches of government, political parties and elections, the legislative process, state and local

governments, landmark legal decisions, foreign policy and governmental finance and regulation. Substantial emphasis will be placed on the application of principles and concepts to current and historical events with accompanying classroom discussion and debate. Students will also fulfill certain civic duties and prepare to take the AP U.S. Government and Politics exam in late spring.

2550 *College Western Civilization I

Prerequisites: 3.5 cumulative GPA; Grade: 11-12
teacher signature or current history teacher signature;
writing sample for juniors
Length of Course: One semester, available first semester
Credit: One-half in Social Studies, optional college
credit of three hours with fee from UMKC

This course will trace the evolution of Western Civilization by examining the cultures which have directly influenced Western thought and development. From the earliest efforts of the ancient Mesopotamians, Egyptians, and Hebrews through the classical Greek and Roman civilizations and into the Middle Ages, emphasis of study will be placed on social, political, and intellectual development. Focus of studies will be on the roles of people and their ideas in the shaping of today's world as we survey and investigate early Western society's most noteworthy achievements in terms of their motivating consequences. Research paper required. There is an additional fee payable to UMKC (2008-09) of \$83/credit hour.

2560 *College Western Civilization II

Prerequisites: 3.5 cumulative GPA; Grade: 11-12
teacher signature or current history teacher signature;
writing sample for juniors
Length of Course: One semester, available second semester
Credit: One-half in Social Studies, optional college
credit of three hours with fee from UMKC

ACCP History of Western Civilization II continues the study of European history from the end of the Medieval period through the Renaissance and Reformation and through development of the major nation-states of Europe. Included will be the survey of the growth of monarchies and political evolution, the Age of Discovery and Exploration, the study of the Enlightenment and the Scientific Revolution, the Industrial Revolution, and the Age of European Imperialism. 20th Century European study will culminate in the status of Western Society today. Special emphasis will be placed on the evolution of the role of women during the last 500 years. The course will also survey the evolution of art, music, and architecture since Renaissance times. Research paper required. There is an additional fee payable to UMKC (2008-09) of \$83/credit hour.



THEOLOGY

0100 Foundations of Faith:

The Judeo-Christian Tradition

Prerequisites: None Grade: 9 (required)

Length of Course: One year

Credit: One-half in Theology

The course is an overview of the Judeo-Christian tradition, providing a framework for future theological studies of all STA students. It includes a survey of the Hebrew Scriptures (Old Testament), exploring specific themes such as faith, law, and covenant. Catholic traditions, teachings and practices will also be studied, establishing a common ground for students from religious backgrounds other than Catholicism and for students with no previous exposure to religious studies.

0230 New Testament/Morality

Prerequisites: None Grade: 10 (required)

Length of Course: One year

Credit: One-half in Theology

The focus of this course is the person of Jesus, who is studied both historically and as the Christ. The course moves into an overview of the development and teachings of the early Christian communities. The Gospels are examined in light of current Christian moral teachings.

0300 Social Concerns of the Gospel

Prerequisites: None Grade: 11 (required)

Length of Course: One semester, available both semesters

Credit: One-fourth in Theology

This course examines contemporary social issues dealing with human rights, violence, world citizenship and issues of discrimination in terms of Christian responsibility.

0330 World Faiths

Prerequisites: None Grade: 12 (required)

Length of Course: One semester, available both semesters

Credit: One-fourth in Theology

Students will study the culture and beliefs of the people of our world in a Christian setting. The principal religions studied are the Indigenous, Hinduism, Buddhism, Judaism and Islam.

0430 Christian Spirituality

Prerequisites: None Grade: 11-12

Length of Course: One semester, available both semesters

Credit: One-fourth in Theology

This course offers a basic introduction to Spirituality from a Christian perspective. Students will study, discuss and experience many of the elements associated with spirituality including prayer, meditation, and journaling. We also examine the role spirituality has in our daily life.

0370 Theology in Film: Violence Unveiled

Prerequisites: None Grade: 11-12

Length of Course: One semester, available both semesters

Credit: One-fourth in Theology

This course will attempt to uncover the sin of violence and the cure of redemption using film. The students will develop a keen eye in recognizing humanity's tendency to imitate, insinuate and scapegoat and will learn Gospel ways of countering with forgiveness, compassion and love.



0400 Christian Lifestyles

Prerequisites: None Grade: 11-12

Length of Course: One semester, available both semesters

Credit: One-fourth in Theology

This course is a study of relationships, which includes topics such as self-concept, friendship, infatuation, love, communications skills, boundaries and various lifestyles in the context of the Catholic Christian tradition.

0360 Models of Faith

Prerequisites: None Grade: 11-12

Length of Course: One semester, available first semester

Credit: One-fourth in Theology

The work of this course is to search the Judeo-Christian scriptures to learn about people whose exemplary lives serve as models for us today. Additionally, we will examine historical figures whose faithfulness is noteworthy. The goal of this course is for students to find parts of themselves reflected in the inspirational lives of others. Research papers and class presentations will be part of this course.

0310 Contemporary Theology

Prerequisites: None Grade: 11-12

Length of Course: One semester, available second semester

Credit: One-fourth in Theology

Do humans need religion? Does God exist? Who is Jesus Christ? In an attempt to prepare students for college work, this course will introduce upper level students to the academic disciplines of theology and philosophy. The class format is largely discussion, with research papers and student presentations.

NOTE

Exam fees for Advanced Placement (AP) exams are the responsibility of the family and are approximately \$86 each. Fees/registration occur in February of the course year.