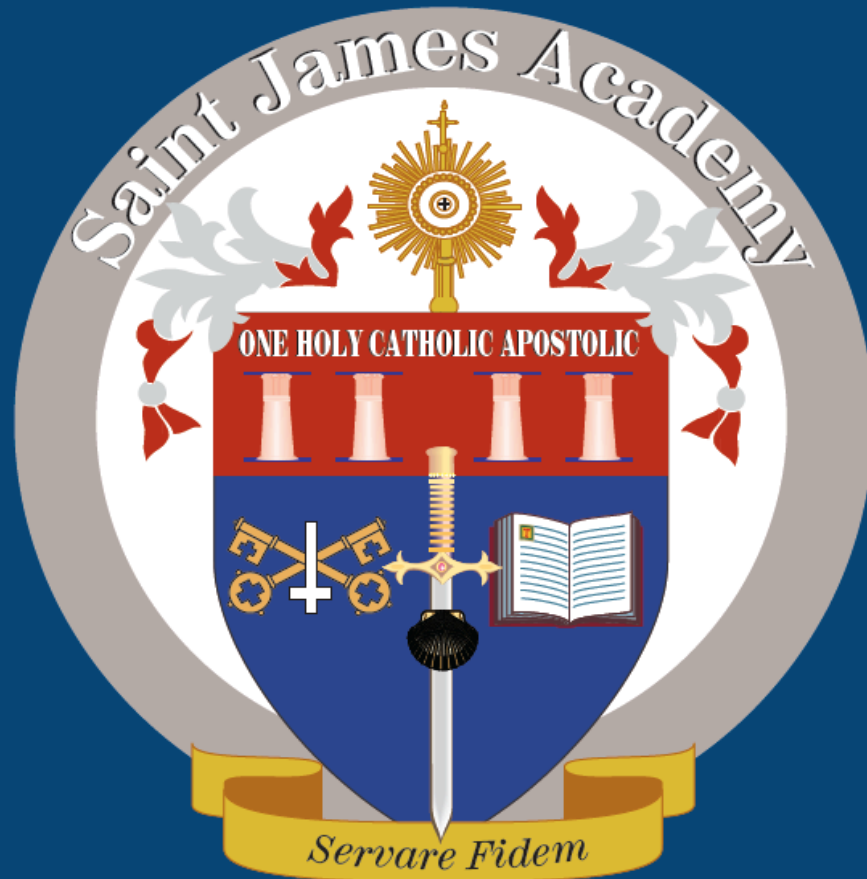


2012-2013



Course Catalog

Keeping Faith
One Holy Catholic Apostolic

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GENERAL INFORMATION

St. James Academy exists to pass on the Catholic faith to the next generation. The community is rooted in the One, Holy, Catholic and Apostolic Church and is dedicated to developing the minds and hearts of young people to know Truth, choose Good and live virtuously in the service of others. As a community of faith we:

- Offer daily Mass to our students, faculty, parents and staff.
- Provide each classroom community with a place for quiet prayer and reflection.
- Educate our staff in the teachings of the Church.
- Pray the Angelus each day at noon.
- Display statuary, religious icons and artwork to continually remind us of our faith.
- Partner with Schools of Faith to provide adult faith formation opportunities.
- Teach our students that their bodies are a temple of the Holy Spirit and any act to disorder their bodies is not in cooperation with who God has created us to be.

ST. JAMES ACADEMY ENROLLMENT AND COURSE INFORMATION

The following information is provided to assist parents and students in determining their course selections for each year. Please note that programs and courses will continue to be developed each year. Additional updates will be provided annually during enrollment.

Honors Courses

Courses at St. James Academy are designed to challenge all students and to foster life-long learning. Honors courses are intended for those students who show an aptitude and a willingness to further their studies in various subjects. There are additional requirements and expectations for these courses, but students receive an additional 5 percentage points with a grade of 77% or higher, when their weighted cumulative average is figured at semester. Recommendations for 9th grade Honors courses will be made by the St. James Academy administration based on performance on the Explore Placement Exam. Parents are not required to enroll their son/ daughter in an Honors course if they do not choose to do so. Honors course requirements are noted under course prerequisite for 10th-12th grades. Criteria for recommendation to Honors courses for 10th-12th grade can be found in the Student Handbook.

College Now

Most students will need to take the free COMPASS test at JCCC before they are eligible to take College Now Courses. Please contact the College Counselor for more information. College Now is a concurrent enrollment program that allows students to enroll in a course at St. James, which is an officially recognized college course at Johnson County Community College. The courses are taught by St. James teachers, at St. James, during the regular school day. The cost of a College Now course is determined per credit hour, payable to Johnson County Community College by the student's family. Rates subject to change at the discretion of Johnson County Community College.

Advanced Placement

Advanced Placement courses (AP) are college level courses taught by St. James teachers during the regular school day. Similar to honors courses, AP classes receive a 5% weighted grade added to a student's cumulative weighted percentage at the end of each semester. AP courses may be granted college credit pending the student's score on the AP Exam given at the end of the school year and at the discretion of the college attended by the student upon graduation from St. James. Students are not required to take AP classes in order to take the AP exam, though it is highly recommended that they do. AP Exams are administered at St. James in May; the cost per exam is \$87 to be paid by the family.

Guided Studies

This course is designed to help students in their transition to high school at St. James Academy. Course selection for each student is determined by the collective input from parents, students, the Guided Studies teacher, and administration. Students in this class will work on note taking, study skills, and learning strategies. In addition, the students will work with teachers one-on-one for tutoring and guidance in homework/ assignments. The school strongly recommends that students who enroll in the Guided Studies class take the "Transitioning to High School" summer program taught by the Guided Studies teacher.

Service Learning

All students will be involved in service learning projects each year, which will vary in terms of length and involvement based on the age of the student. More information about this program and its requirements will come home in the fall of the student's freshman year. Students should plan on completing at least 30 hours of community service for their Christian Stewardship Project (CSP) which is closely tied to Service Learning.

Special Needs

St. James Academy is committed to assisting every student to grow academically, spiritually and socially. We request that any parent with concerns about their son/ daughter's special needs would contact our Director of Student Services with information that might assist us in helping their child. We are committed to making accommodations necessary for each student's success.

GRADUATION REQUIREMENTS

To receive a diploma from St. James Academy, students must complete these requirements.

Students at St. James Academy must earn 27 credits for graduation. Students take 7 credits per year.

	St. James Academy	Kansas Board of Regents	Competitive College
Theology	4	0	0
English	4	4	4
Fine/Performing Arts	1	0	1
World Language	2	0	4
Technology	1	0	1
Math	3	3¹	4¹
Physical Education	1²	0	1
Science	3	3³	4³
Social Studies	3	3	4
Public Speaking	0.5⁴	0	0.5
Electives	4.5⁵		

¹ Algebra I A level and higher

² 1 or more years of participation in a sport will fulfill .5 credit of Physical Education requirement

³ Biology, Chemistry and Physics or Earth/Space Science

⁴ The public speaking credit will be waived for those students taking two or more years of choir or band.

⁵ Electives are courses that are above the required credits in an academic area

COLLEGE ADMISSION REQUIREMENTS FOUR-YEAR PLAN

The state of Kansas Board of Regents requires the following curriculum standards for college admission:

English	4 units
Natural Science	3 units
Math	3 units
Social Sciences	3 units
World Language	Recommended but not required

Following is the state of Kansas Board of Regents curriculum for Kansas Scholars:

English	4 units
Natural Science	3 units
Math*	4 units
Social Sciences	3 units
World Language	2 units

*In addition to Algebra I, Algebra II and Geometry, the Kansas Scholars Curriculum requires students to complete at least one unit of advanced mathematics selected from Analytic Geometry, Trigonometry, Advanced Algebra, Probability and Statistics, Functions or Calculus.

College Admissions

In order for a student to be accepted into a selective or competitive college, it is recommended they take four years of Math, Science, English, Foreign Language and Social Studies. Competitive colleges are those that have rigorous requirements for acceptance.

In order to be admitted to a Kansas Board of Regents university, students must also meet the following Qualified Admissions Requirements set by those universities.

A student must:

1. Earn a 2.0 GPA on the 14 Board of Regents Curriculum OR
2. Score 21 or better on the ACT Test OR
3. Rank in the top one-third of their high school graduating class.

Course Codes used throughout this catalog:

AP=Advanced Placement; five percentage points added to weighted average CE=Concurrent Enrollment course taken through College Now H=Honors level courses; five percentage points added to weighted average KS=Course fulfills Board of Regents requirement Z=Zero hours-course taken outside regular school day

All courses listed in catalog will be offered provided there is sufficient enrollment.

ST. JAMES ACADEMY REGULAR FOUR-YEAR PLAN

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Theology	Theology	Theology	Theology
English	English	English	English
Biology	Chemistry	Physics	
Math	Math	Math	Math
World Language	World Language	World Language	World Language
World Geography Tech I	World History	American History	Government Elective
Physical Ed Fine Arts	Fine Arts Elective	Tech Elective PE	Public Speaking Elective
Elective	Elective	Elective	Fine Arts

One course listed in a box indicates a full year course worth 1 credit.

Two courses listed in a box indicates a half year course worth ½ credit each (shown as an example for 1st and 2nd semester options).

ST. JAMES ACADEMY HONORS FOUR-YEAR PLAN

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Theology	Theology	Theology	Theology
Honors English	Honors English	Advanced English	Advanced English
Honors Biology	Honors Chemistry	Advanced Physics	Science
Honors Math	Honors Math	Advanced Math	Advanced Math
World Language	Honors World Language	Advanced World Language	Advanced World Language
World Geography Tech 1	World History	American History	Government Elective
Physical Ed Fine Arts	Fine Arts Elective	Tech Elective PE	Public Speaking Elective

We strongly recommend 9th grade students choose only two (2) honors courses.

One course listed in a box indicates a full year course worth 1 credit.

Two courses listed in a box indicates a half year course worth ½ credit each (shown as an example for 1st and 2nd semester options).

Advanced courses may be selected from Advanced Placement or Honors Courses as offered by Department.

THEOLOGY DEPARTMENT

The St. James Academy Theology Department, along with the entire faculty and staff, is dedicated to passing on the teachings, traditions and treasures of the Catholic faith to our students. The Theology Department will provide students with the foundational knowledge of the Catholic faith based on strong catechetical instruction. This instruction will be supported through the regular offering of Mass, service to others, spiritual direction, sacramental life, retreats, vocational awareness and a culture of charity.

All students will need to be enrolled in a theology course all four years of high school both first and second semester.

SALVATION HISTORY

Prerequisite: None

Credit: 1

THEO 101

Grade: 9

Freshman Theology will introduce the students to the Revelation of Jesus Christ in Scripture through the narrative of Salvation History. First semester is a study of the Old Testament focusing on the first five covenants between God and man. Second semester is a study of the New Testament and emphasizes the life and actions of Jesus as the fulfillment of the Old Testament through the Church.

CHRIST'S MISSION IN THE CHURCH

Prerequisite: Salvation History

Credit: 1

THEO 202

Grade: 10

Sophomore Theology builds off the previous year by studying how we experience Christ's Living Body through the Church. The first semester will be a course in Christology and Ecclesiology while the second semester will help the students understand how they encounter Christ today in a full and real way through the Sacraments, and especially through the Eucharist.

CATHOLIC MORAL LIFE

Prerequisite: Salvation History & Christ's Mission in the Church

Credit: 1

THEO 301

Grade: 11

Having a solid understanding of the narrative of Salvation History and the sacramental life of the Church, Junior Theology studies the moral life of the Christian. In the first semester, students will study the moral principles and virtues that govern the lives of Christ's disciples. The second semester deepens this understanding in the area of Sexual Morality through John Paul II's Theology of the Body.

CHURCH HISTORY

Prerequisite: Salvation History, Christ's Mission in the Church & Catholic Moral Life

Credit: ½

THEO 401

Grade: 12

This course will focus on Catholic Church history from its inception with the apostles to the present successors. The course will explore the events and people that shaped the Church planned by the Father, instituted by Christ, revealed by the Holy Spirit and carried out through the apostles. The students will come to know both divine and human elements of the Church.

DISCIPLESHIP OF CHRIST

Credit: ½ **THEO 402**
Grade: 11, 12

Prerequisite: Salvation History & Christ's Mission in the Church

This Theology elective will introduce students to the Church's social teaching, sometimes referred to as Social Justice. In this course, students will learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission and our responsibility to live out this mission.

RESPONDING TO JESUS

Credit: ½ **THEO 403**
Grade: 11, 12

Prerequisite: Salvation History & Christ's Mission in the Church

This Theology elective will help students to understand the different vocations or callings Christ issues to His people. The course will be structured around married, single, priestly, and consecrated life. After this course, students will be able to articulate the similarities and differences between these vocations and understand the role of prayer to help discern God's call for their lives. Students will learn what it means to live life for the benefit of others and the value in considering a vocation in service to the Christian community.

APOLOGETICS

Credit: ½ **THEO 404**
Grade: 11, 12

Prerequisite: Salvation History & Christ's Mission in the Church

This Theology elective is designed to help students develop a response to the questions and challenges the secular world poses to their Christian faith. This response will be based on sound principles of logic and reason, as well as personal faith. This course will engage the Catechism of the Catholic Church, Scripture, as well as encyclicals and other Church documents. Also involved in the work of the apologetics is the recognition of the spiritual challenges it can pose to the person which requires a strong prayer life, as well as the interpersonal skills necessary to winning hearts rather than just arguments.

EXTENDED READING IN CHURCH HISTORY

Course Code: H Credit: 1 **THEO 450**
Grade: 12

Prerequisite: Salvation History, Christ's Mission in the Church, and Catholic Moral Life . This course will explore the events and people that shaped the Church planned by the Father, instituted by Christ, and revealed by the Holy Spirit. Sacred Scripture and the writings of Saints and early Church Fathers are used to show how our Catholic Faith is distinct from other spiritual traditions. This is an advanced, year-long course in Church History with ample amounts of primary text reading and summer reading is required. This fulfills the entire Theology credit requirement for senior year.

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ENGLISH DEPARTMENT

The mission of communication arts (reading, writing, listening, speaking, and viewing) is to empower students to become effective communicators, lifelong learners, and faith-filled witnesses to the Catholic faith. By encouraging an appreciation of reading, our students will grow to cherish the Holy Scriptures as the Word of God and as a form of literature. Students will gain an understanding of other cultures and value literature as an expression of the human experience. Communication arts will be integrated in all disciplines and will reflect Catholic teachings and Christian values.

ENGLISH I

Prerequisite: None

Course Code: KS

Credit: 1

ENG 101

Grade: 9

English I is a survey of genres. This course will focus on literary terminology and genre structure. Students in English I will study literature under the basic genres: short story, poetry, novels, mythology, nonfiction, and drama. Students will be introduced to composition and the five-paragraph essay format. Vocabulary will be studied within the context of the literature, and grammar will be taught in the context of the writing. Students are required to complete the summer reading assignment and will read 2-3 additional major works during the school year.

HONORS ENGLISH I

Prerequisite: Exemplary score on the Explore Test or Honors Recommendation Form

Course Code: KS, H

Credit: 1

ENG 151

Grade: 9

Honors English I is a survey of genres. Students in this will complete the same course objectives as in English I; however, students in Honors English I will be required to read 4-5 additional major works and complete additional writing assignments. Students are required to complete a summer reading assignment.

ENGLISH II

Prerequisite: English I

Course Code: KS, H

Credit: 1

ENG 201

Grade: 10

World literature will introduce students to classic literature from different time periods and regions of the world. During the study of world literature, students will also examine the art, culture, people, and society associated with the time period and geographical area. This course will have an emphasis on technology, religious and moral teachings, as well as, connections to our world today. A variety of genres will be covered including scriptures, epic poems, myths, poetry, drama, and various forms of fiction and nonfiction. Vocabulary will continue to be studied in the context of the literature. This course will continue to focus on the importance of the writing process in order to create quality essays, and grammar will be taught in the context of the writing.

HONORS ENGLISH II

Prerequisite: English I Level Course and Teacher Recommendation

Course Code: KS, H

Credit: 1

ENG 251

Grade: 10

Honors English II: World Literature and Composition will introduce students to classic literature from different time periods and regions of the world. The selections are chosen because of their relevance to the interpretation of other works in literature that will be studied in future AP English classes. This course is designed to be an introduction to the literary analysis that is required in future AP Literature and Language Composition courses. Vocabulary study in the context of literature will continue with an emphasis on ACT and AP Test preparation. Book fee \$30.

ENGLISH III

Course Code: KS

Credit: 1

ENG 300

Grade: 11

Prerequisite: English II Level Course

English III: American Literature and Composition is a third year English course that asks fundamental questions of students. What makes us American? How have Americans expressed themselves in the English language? To answer these questions, the major literary movements of Naturalism, Puritanism, Transcendentalism, and Modernism are introduced. In conjunction with American History, the course will seek out the ways Americans have defined themselves in relation to the frontier, to each other, to Europe, to the past, and to God. While based in literature, the course will also require writing in multiple formats and semester long projects about specific American authors. Students will practice timed essay writing, vocabulary skills, and standardized test-taking practices. Students are required to complete the summer reading assignment.

AP LITERATURE AND COMPOSITION

Course Code: KS, AP, CE Credit: 1

ENG 501

Grade: 11

Prerequisite: Teacher Recommendation

This third-year English course engages students in the careful reading and critical analysis of literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Through reading, discussion, and writing, students will consider a work's structure, style, and themes, as well as figurative language, imagery, symbolism, and tone. Students are required to complete the summer reading assignment. Advanced placement students will have the option of dual enrollment for College Now credit and will be able to take the AP exam in the spring. Additional fees* will apply for College Now tuition, supplemental books, and the AP test. Book fee \$50.

*See pages 3-4 for fee details.

ENGLISH IV

Course Code: KS

Credit: 1

ENG 410

Grade: 12

Prerequisite: English III Level Course

This course will be a study of selective authors not covered in previous English courses. This transatlantic study will focus on British and American authors. Film as a literary medium will also be studied as a compliment to the literature. Students will also focus on writing for an academic and real world future. Students will continue to understand rhetorical situations, the writing process, writing structures, and a variety of writing situations. Students are required to complete the summer reading assignment.

AP LANGUAGE AND COMPOSITION

Course Code: KS, AP, CE Credit: 1

ENG 502

Grade: 12

Prerequisite: Teacher Recommendation

This fourth-year course engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and becoming confident, skilled writers who compose for a variety of purposes. Students will move beyond the formulaic approach to writing and place emphasis on content, purpose, and audience. Special emphasis is placed on rhetorical analysis, argumentation, and the synthesis of sources. Students are required to complete the summer reading assignment. Advanced placement students will have the option of dual enrollment for College Now credit and will be able to take the AP exam in the spring. Additional fees* will apply for College Now tuition, supplemental books and the AP test. Book fee \$50.

CREATIVE WRITING

ENG 403

Prerequisite: None

Credit: ½

Grade: 11, 12

This course is intended for students who love to express their thoughts in writing. Students will write a variety of exciting pieces throughout the semester. They will include: plays, short stories, poems, commercials, and other creative writing pieces. Students will participate in writer's workshops to develop a unique, creative voice and style. They will also produce the SJA literary magazine, *Academy Ink*; and Creative writing newspaper, *Thunder Storm Watch*.

This course does not meet the English requirement.

INTRODUCTION TO JOURNALISM

ENG 404

Prerequisite: None

Credit: ½

Grade: 9, 10, 11

Students in this course will be exposed to all the genres of journalism. They will learn the basics of news writing, yearbook journalism, broadcast journalism, and advertising. Students will do extensive writing in this course and will participate in many "writer's workshop" class periods. During the second half of the semester, students will be able to publish some stories in the school newspaper or assist the staff of the yearbook with various spreads. This course is a requirement for anyone who wishes to be on either the newspaper or yearbook staff. This course does not meet the English requirement.

YEARBOOK

ENG 406

Credit: 1

Grade: 10, 11, 12

Prerequisite: Introduction to Journalism or permission from instructor

Veritas staff members will layout and design the school's annual. Students will work with top quality desktop publishing software in the classroom while also covering related events outside of class time. Students will engage in a variety of interpersonal and business skills including: interviewing, peer editing, planning design and coverage, meeting deadlines, budgeting, and writing technical pieces. This course does not meet the English requirement.

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All courses listed in catalog will be offered provided there is sufficient enrollment.

PERFORMING AND FINE ARTS DEPARTMENT

The focus of the Performing & Fine Arts Department at St. James Academy is to encourage each student to identify, explore and practice their God-given talents. We encourage students to participate in activities that they have not previously had practice in so as to identify those gifts.

St. James Academy Four-Year Plan for Music Students

It is possible for St. James Students to take either band or choir for 4 years if you plan ahead now with your electives. It is highly recommended that students take one PE credit during the summer. One PE credit may be awarded by participating in an SJA Sport or being on the Cheerleading or Dance Team.

9 TH GRADE	10 TH GRADE	11 TH GRADE	12 TH GRADE
Theology	Theology	Theology	Theology
English	English	English	English
Science	Science	Science	Science
Math	Math	Math	Math
Foreign Language	Foreign Language	Foreign Language	Foreign Language
World Geography PE Elective	World History	American History	Government Tech Elective
Band/Chorus	Band/Chorus	Band/Chorus	Band /Chorus

Note: The speech credit will be waived for those students taking two or more years of choir or band. Drama I, Advanced Drama, Speech, Debate, and Forensics may be used to fulfill the Public Speaking requirement. However, students cannot use one course to fulfill two requirements. For example, Drama I may not be counted as fulfilling both the Public Speaking requirement and ½ of the Fine Arts requirement.

FRESHMAN CHOIR

Prerequisites: None

Credit: 1

PA 101

Grade: 9

All freshmen students interested in choir will be placed in Freshman Choir. This choir consists of students with a variety of musical experiences. Students will develop their singing and musical skills while working on breath support, tone quality, posture, diction, theory, blend and sight singing while singing a variety of musical styles. Required of all members is participation in scheduled concerts as well as some after school and/or evening rehearsals. Piano accompanists are welcome. Course Fee= \$50 to cover the costs of music and choir uniform. Due at August check-in.

WOMEN'S CONCERT CHOIR

Prerequisites: One year in either Freshmen Choir or equivalent. Audition with instructor and must pass music theory and sight singing tests.

Credit: 1

PA 202

Grade: 10,11,12

This is an audition choir for students who enjoy singing and want to sing more advanced literature in a variety of styles and languages. Students will develop their singing and musical skills while working on breath support, tone quality, posture, diction, theory, blend and sight singing while singing a variety of musical styles. This choir will join with the Concert Choir Men to perform some combined numbers. Required of all members is participation in scheduled concerts as well as some after school and evening rehearsals. Piano accompanists are welcome.

Course Fee is \$50 to cover the costs of music and choir uniform. Due at August check-in.

MEN CONCERT CHOIR

Prerequisites: Audition with instructor and must pass music theory and sight singing tests

Credit: 1

PA 206

Grade 9,10,11,12

This is an audition choir for students who enjoy singing and want to sing more advanced literature in a variety of styles and languages. Students will develop their singing and musical skills while working on breath support, tone quality, posture, diction, theory, blend and sight singing while singing a variety of musical styles. This choir will join with the Concert Choir Women to perform some combined numbers. Required of all members is participation in scheduled concerts as well as some after school and evening rehearsals. Piano accompanists are welcome.

Course Fee is \$50 to cover the costs of music and choir uniform. Due at August check-in.

CHAMBER SINGERS

Prerequisite: Concurrent enrollment in Freshman Choir, Concert Choir or Honors Choir plus vocal audition with the Choral Director. This ensemble will meet zero hour.

Course Code: Z

Credit: 1

PA 203

Grade: 10,11,12

Chamber Singers is an advanced performing ensemble open to men and women by audition only. Students must be willing to work hard, maintain a positive attitude and have a strong desire to perform. This class will meet M-W-F from 7-8:00 a.m. and during Academic Time. There will be some movement required. Chamber Singers will perform a variety of choral literature and will perform at all St. James Concerts as well as Regional and State Contests in April. Piano accompanists are welcome.

ADVANCED CHOIR

PA 204

Course Code: Z

Credit: ½

Grade: 9,10,11,12

Prerequisite: Member of Freshmen Choir or Concert Choir plus vocal audition with the Choral Director. This ensemble will meet during zero hour. Auditions will be held in the fall of 2012.

Advanced Choir is an advanced vocal ensemble for women that will meet before school. This is an intermediate performance choir with students having developing voices and displaying a serious attitude towards choral excellence. Advanced Choir will perform a variety of choral literature and will perform at all St. James Performances as well as Regional and State Competitions in April. Required of all members is participation in scheduled concerts as well as some after school and evening rehearsals.

HONORS CHOIR

PA205

Course Code: Z

Credit: 1

Grade: 9,10,11,12

Prerequisite: One year of previous choral experience either in Freshman Choir, Chamber Singers or Concert Choir plus vocal audition with the Choral Director.

This ensemble will meet during the school day. This is the most advanced vocal ensemble for women and will meet during the school day. This is a performance choir and students are expected to have mature voices and display a serious attitude towards choral excellence. Honors Choir will perform a variety of choral literature and will perform at all St. James Performances as well as Regional and State Competitions in April. Required of all members is participation in scheduled concerts as well as some after school and evening rehearsals. Course Fee is \$50, to cover the costs of music and choir uniform. Due at August check-in.

CHAMBER ORCHESTRA

PA 300

Credit: ½

Grade: 9,10,11,12

Prerequisite: Must play strings, brass, woodwind, percussion or piano and have access to a private instructor. This is an ensemble for intermediate and advanced instrumental musicians. Students will perform a wide range of orchestral music and will be taught how to listen and perform musically, both as an individual and in an ensemble. Students will also be required to study music theory and history.

JAZZ BAND & WIND ENSEMBLE

PA 301

Credit: 1

Grade: 9,10,11,12

Prerequisite: Must play brass, woodwind, percussion, piano or guitar and have access to a private instructor.

This is an ensemble for intermediate and advanced instrumental musicians. Students will meet as a Jazz Band during the first semester, and as a wind ensemble for the second semester. This class will also provide students with the chance to practice and perform in a variety of small ensemble and solo situations for regional festivals during the Spring Season. Students are encouraged to improve their instrumental skills and are taught how to listen musically, both as an individual and in an ensemble. Aspects of music theory and history will also be covered in class.

Guitar players may opt to transfer to the Crimson Collective class during the second semester.

CRIMSON COLLECTIVE

Prerequisite: Must play own instrument

Credit: ½

PA 302

Grade: 9,10,11,12

This is a guitar, keyboard, vocal and percussion ensemble aimed at developing performance skills through a wide variety of musical genres including blues, rock, pop and soul. Students will also learn how to arrange and create their own songs in small groups.

INTRO TO MUSIC

Prerequisites: None

Credit: ½

PA 400

Grade: 9,10,11,12

Intro to Music is an introductory class that provides students with a chance to learn the basics of music through performance. Students will learn how to read music as well as develop the basic skills required to perform on a variety of instruments, as well as vocal techniques. Aspects of music theory and history will also be covered through applied learning projects. No previous musical experience necessary. On completion of the class, students may progress and continue their studies in either choir or drum line for the following year.

MUSIC TECHNOLOGY 1

Credit: ½

PA 401

Grade: 9,10,11,12

Prerequisite: Students must be able to pass a basic music theory entrance test.

This class is focused on the creation of music using technology. This includes the concepts of pitch, rhythm, form, and sound construction, as well as music notation. Arranging and editing musical projects using Sibelius software and evaluating merit of the musical content are also covered. The class will learn computer-based techniques for creating, recording and producing projects on GarageBand. Class members will also be taught how to create multi-media presentations.

MUSIC TECHNOLOGY 2

Credit: ½

PA 404

Grade: 9,10,11,12

Prerequisite: Students must have completed Music Technology 1 and must play a musical instrument.

This class is focused on advanced techniques in music composition using technology. Students will study historical and theoretical aspects of music development as well as extend their knowledge of music software such as Sibelius and GarageBand.

SJA STRINGS

Credit: ½

PA 502

Grade: 9,10,11,12

Prerequisite: Must play own instrument and have access to a private instructor.

The SJA Strings Ensemble aims to provide string musicians with a chance to learn and perform solo and ensemble repertoire for regional and state festivals as well as developing each student's knowledge of music theory and history. Students will perform during some All School Masses.

August - September = Thunder Drums

October - December = Strings

November - December = Thunder Drums

January - February = Thunder Drums

March - May = Chamber Orchestra / Advanced Percussion

SPEECH

Prerequisite: None

Credit: ½

SP 101

Grade: 9, 10, 11, 12

This course introduces the basics of speech communication through preparation, organization, imagination, and presentation. By preparing and delivering basic speeches, this class will allow the students to acquire speech awareness, technique, and confidence. Debate or forensics can be substituted for Speech requirement. The speech requirement is waived for those students who take two or more years of Choir or Band.

DRAMA I

Prerequisite: None

Credit: ½

PA 107

Grade: 9, 10, 11, 12

Drama I introduces the student to various aspects of the theatre with the primary focus on acting. Improvisation, pantomime, scene study and theatre terminology and theatre history are integral parts of the program. Students will be encouraged to explore their own creative potential in a supportive, yet challenging learning environment. Drama I does meet the Public Speaking requirement.

DRAMA II

Prerequisite: Drama I

Credit: ½

PA 207

Grade: 9, 10, 11, 12

Drama II is an advanced course designed for students who wish to continue their study of acting. Character development, scene study, audition technique and theatre history will be integral elements of the course.

ADVANCED DRAMA

Prerequisite: Drama I and II and Instructor Permission

Credit: ½

PA 307

Grade: 10, 11, 12

This is an advanced drama class for the student seriously interested in acting and/or directing. Students will hone their acting and directing skills by participating in scene work, acting workshops and one-acts. There will be after school and evening rehearsals as well. Class participants will perform at State Thespian Conference in January.

NOVICE DEBATE

SP 102

Credit: ½

Grade: 9, 10, 11, 12

Prerequisite: Students must meet eligibility requirements for interscholastic competition.

Students who enroll in Novice Debate will learn to communicate effectively for a variety of purposes and audiences, develop critical thinking skills, and serve as an advocate in a democratic society. Students research a topic and prepare arguments for and against a resolution selected by the National Forensics League. Debate requires a minimum of four weekends outside of class for competition, research, and other preparations. Course fulfills speech requirement. *1st Semester only.*

ADVANCED DEBATE

SP 252

Prerequisite: Novice Debate

Credit: ½

Grade: 10, 11, 12

Students who enroll in Advance Debate will learn to communicate effectively for a variety of purposes and audiences, develop critical thinking skills, and serve as an advocate in a democratic society. Students research a topic and prepare arguments for and against a resolution selected by the National Forensics League. Debate requires a minimum of five weekends outside of class for competition, research and other preparations. Course fulfills speech requirement. *1st semester only.*

FORENSICS

SP 103

Credit: ½

Grade: 9, 10, 11, 12

Prerequisite: Students must meet eligibility requirements for interscholastic competition.

The Forensics class covers the fundamentals of forensics: it includes oral interpretation, humorous interpretation, informative speaking, original oratory, extemporaneous speaking, Lincoln-Douglas debate, and duet acting. Students enrolled in Forensics automatically become members of the forensics team and are required to participate in 4 weekend tournaments; they are usually held on Fridays and Saturdays. Course fulfills Speech requirement. *2nd semester only.*

INTRODUCTION TO DRAWING

Prerequisite: None

Credit: ½

FA 101

Grade: 9, 10, 11, 12

This is an introductory course designed for students who are interested in learning basic drawing skills. They will be presented with the tools necessary to unlock their potential and to develop the way they see objects. They will learn to draw highly recognizable images of any subject matter through the perception of edges, spaces, relationships, lights and shadows, and the perception of the whole.

ADVANCED DRAWING

Prerequisite: Intro to Drawing

Credit: ½

FA 201

Grade: 9, 10, 11, 12

Students will continue to development and refine perceptual abilities through the use of line, proportion, and shading in various drawing media, such as charcoal, pastels, pen and ink, colored pencil, etc. They will also explore a variety of subject matter, including portraits, perspective, still life and landscape. Work will be done from both photos and real life.

ADVANCED ART

Credit: ½

FA 401

Grade: 10, 11, 12

Prerequisite: Intro to Drawing plus at least one other course in visual arts.

This is an advanced level course for students wishing to continue growth in art. After an overview is taken, the instructor will select a number of projects that will be required before allowing the students to advance in their own directions. Students will contract with the instructor regarding what types of projects he/she will do. Students who are pursuing art as a career will use this class to develop his/her portfolio. It is expected that these students are motivated in art and are inspired to create.

DESIGN

Prerequisite: Intro to Drawing

Credit: ½

FA 102

Grade: 9, 10, 11, 12

This course will use the elements and principles of art in the fields of drawing, painting and sculpture. Students will become familiar with the language of art and visual vocabulary necessary to create successful works of art and more meaningful compositions. This class helps students gain a greater appreciation and understanding for art in the world around him/her.

PAINTING

Prerequisite: Intro to Drawing

Credit: ½

FA 202

Grade: 10, 11, 12

This course will explore a variety of painting mediums such as watercolor, tempera, acrylic, oil painting and airbrush, time permitting. Students will learn about various historical time periods in painting and artist styles developed throughout history.

CERAMICS

Prerequisite: Intro to Drawing

Credit: ½

FA 203

Grade: 9, 10, 11, 12

This course will explore various hand-building methods as well as the pottery wheel to construct ceramic works. Students will be educated in the drying stages of clay and glazing methods and will learn about creating both functional and non-functional objects.

ADVANCED CERAMICS

Prerequisite: Ceramics

Credit: ½

FA 403

Grade: 10, 11, 12

This course will build upon the methods and techniques learned in Ceramics to create a variety of sculpture and functional pottery. More emphasis will be placed on design quality and demonstrating his/her own personal style and originality.

INTRO TO SEWING AND COSTUMING

FA 150

Prerequisite: None

Credit: ½

Grade: 9, 10, 11, 12

This class will introduce students to the basics of sewing. This course will include learning about the use and care of the sewing machine, sewing terms, patterns, straight and curved seams, gathering, zippers, hemming and hand sewing. Classes consist of a short lecture/demonstration followed by hands-on sewing. Students will be responsible to provide basic sewing equipment (i.e. tape measure, seam gauge, scissors, seam ripper, etc.) as well as fabric, pattern and thread for projects. Some time will be spent on costume research, design and construction. Costume materials will be provided. Class size is limited to 16 students.

ADVANCED SEWING AND TEXTILES

FA 205

Prerequisite: Intro to Sewing or Instructor Approval

Credit: ½

Grade: 9, 10, 11, 12

This class will build on skills learned in Intro to Sewing. Topics covered will include use of serger, pockets, collars and pleats. More emphasis will be placed on knowledge of fabrics and fabric choices. Students will be responsible for providing basic sewing equipment as well as fabric, pattern and thread for projects. The great majority of class time will be spent working on more advanced garments.

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All courses listed in catalog will be offered provided there is sufficient enrollment.

WORLD LANGUAGE DEPARTMENT

Students completing a course or courses of foreign language study will demonstrate course-appropriate outcomes in the four basic language skills of speaking, listening comprehension, reading, and writing. Students will also gain an awareness and appreciation of other cultures in order to better participate in an ever-changing global society. **NOTE: There is a two-credit requirement in World Language of the same language.**

The 8th Grade Placement Test results are used to recommend the best world language progression for each student. If a student has been exposed to one of the languages we offer, whether at home or in a classroom, we recommend they take the placement exam. Placement exams are given in the spring.

Prerequisite: Generally students should have a minimum grade of 90% and a teacher recommendation in a preceding honors class or a minimum grade of 90% in a regular class and a teacher recommendation before enrolling in an honors world language class.

Students who have an interest in sign language but have chosen a traditional, spoken language to fulfill their foreign language requirement may choose to take sign language as an elective.

Parents and students should be aware that while a growing number of universities accept American Sign Language as foreign language credit, this is not the case with every university. Further information should be obtained from universities being considered.

SPANISH I

FL 101

Prerequisite: None

Credit: 1

Grade: 9, 10, 11

This course will introduce the basics of the written and spoken Spanish language. The beginning Spanish student will attain an elementary degree of proficiency in listening, speaking, reading, and writing. Basic conversations will be mastered and verb conjugation will begin with the present indicative tense. The cultures and customs of Spanish speaking countries are studied through readings and classroom activities and projects. At the end of the first level of study, students will enter either Spanish II or Honors Spanish II.

SPANISH II

FL 201

Prerequisite: Spanish I

Credit: 1

Grade: 10, 11, 12

This second course in Spanish will take up where Spanish I left off. Students will be expected to show proficiency in the present, past preterit and past imperfect. Also, a much greater emphasis will be placed on conversation and reading while continuing writing and speaking. Students study Spanish grammar and verb tenses in greater depth than in Spanish I.

HONORS SPANISH II

FL 251

Course Code: H

Credit: 1

Grade: 10

Prerequisite: Spanish I or Honors Spanish I and Teacher Recommendation

Honors Spanish II is designed to challenge the student who is capable in foreign language or who intends to continue his/her language studies in Honors Spanish III, IV and V. The same curriculum as in Spanish II is taught but in greater depth and at a faster pace. Students who are planning the four-year progression of Spanish should seriously consider Honors Spanish II. As the student continues to increase and improve his/her language skills, he/she will be able to discuss topics of interest. Special attention is given to the grammar and structure of the language.

HONORS SPANISH III

Course Code: H

Credit: 1

FL 351

Grade: 10, 11, 12

Prerequisite: Spanish II or Honors Spanish II and Teacher Recommendation

Honors Spanish III is designed to give the students a better understanding of verb tenses, conversation, and literature of the Spanish language. Honors Spanish III continues the study of grammar structures and vocabulary of the Spanish language. Reading and writing in the language are emphasized. Short stories will be read throughout the year. Central and South American cultures are emphasized. Creating in the language is encouraged through skits, original writings, plays, speeches, and other projects. Students are expected to express themselves in Spanish during class.

HONORS SPANISH IV

Course Code: H, CE

Credit: 1

FL 451

Grade: 10, 11, 12

Prerequisite: Spanish III or Honors Spanish III and Teacher Recommendation

This course is a continuation of the study of the grammatical aspects of the Spanish language, as well as involving further study of the cultural and geographical make-up of the Spanish-speaking world. The course begins with a grammar review and vocabulary building and proceeds to a study of Spanish literature and history through readings, compositions, and presentations. Students are expected to express themselves in Spanish during class. College credit is available for those students who register through JCCC and pay the cost per credit hour.

HONORS SPANISH V

Course Code: H, CE, AP

Credit: 1

FL 551

Grade: 11, 12

Prerequisite: Spanish IV or Honors Spanish IV and Teacher Recommendation

This course includes a review of grammar as well as further study of the cultures of Spanish-speaking countries. The students study works of literature from Spain and Latin America, including short stories, poetry, drama, and short novels. Compositions on related topics are included. Students write original works in Spanish. Students are expected to express themselves in Spanish during class. College credit is available for those students who register through JCCC and pay the cost per credit hour.

LATIN I

Prerequisite: None

Credit: 1

FL 102

Grade: 9

This course introduces the student to the language of the ancient Romans. Each student will build a strong base of vocabulary and will begin to read Latin prose. The student will learn how Latin has affected modern languages, especially the vocabulary and grammar of English. This course will also provide lessons on Roman culture from which many aspects of western civilization have evolved as well as the importance of the Latin language in the Catholic Church.

LATIN II

Prerequisite: Latin I

Credit: 1

FL 202

Grade: 10

Students in Latin II will begin learning how to read and recite Latin some Latin poetry, but the real emphasis of this course is on gaining proficiency in reading Latin prose. The course will also offer additional activities on speaking and writing in the language. In terms of grammar, students will devote significant attention to learning how to conjugate verbs according to varying tenses, voices, and moods. Students will continue to study Roman history and culture, the influence of Latin on modern languages, and the role of Latin in the Catholic Church.

HONORS LATIN III

FL 302

Prerequisite: Latin II and Teacher Recommendation

Credit: 1

Grade: 11

Students in this course will continue their study of the Latin language and, after a comprehensive grammar review, will begin to read lengthy prose and poetry passages. Selections from the Latin Vulgate and some papal documents will be read, in addition to an assortment of prose and poetry from Roman authors such as Cicero, Catullus, and Vergil. Students will also be expected to properly scan, memorize and recite verses of Latin poetry.

HONORS LATIN IV

FL 452

Course Code: H

Credit: 1

Grade: 12

Prerequisite: Honors Latin III and Teacher Recommendation

This course will follow the AP Latin curriculum, covering selections from Vergil's *Aeneid*. Critical appreciation of the *Aeneid* as poetry implies the ability to translate literally, to analyze, to interpret, to read aloud with attention to pauses and phrasing, and to scan the dactylic hexameter verse. Students will be given extensive practice in reading at sight and in translating literally so that their translations not only are accurate and precise, but also make sense in English. The course will also stress familiarity with pertinent Roman cultural, social, and political history and the study of the ancient epic as a literary genre. Summer reading of the *Iliad* and *Odyssey* is encouraged but not required, as frequent parallels will be drawn between the *Aeneid* and the works of Homer.

ANCIENT GREEK

FL 104

Prerequisite: None

Credit: 1

Grade: 9, 10, 11, 12

This course is considered an elective and may not be counted as one of a student's required two years of a world language. The course will cover the essentials of Ancient Greek grammar and vocabulary. Students will improve their critical thinking skills by learning to read a new alphabet and will increase their understanding of English grammar and vocabulary through analysis of Greek grammatical forms and by studying Greek roots that appear in English words. Students may wish to enroll in this class as a means of gaining further preparation for the verbal portions of the ACT or SAT tests. By the end of the year students will be very familiar with the language, history, and culture of the Ancient Greeks and will be able to read simple passages in Attic Greek and in the Koine Greek of the New Testament.

AMERICAN SIGN LANGUAGE I

FL 103

Prerequisite: None

Credit: 1

Grade: 9

Sign Language I is a full-year introductory course that allows students to begin learning American Sign Language through presentations of everyday interactions and real life situations. Students will learn to use and read the manual ASL alphabet. Students will study basic grammar structure and vocabulary in ASL, and a system of glossing will be introduced. Students will explore aspects of deaf culture. Various Catholic rote prayers and Mass responses will be taught at this level.

AMERICAN SIGN LANGUAGE II

FL 203

Prerequisite: Sign Language I

Credit: 1

Grade: 10

Sign Language II will continue to explore components of American Sign Language grammar using familiar interactions and real-life situations. Vocabulary will continue to be built and a deeper awareness of deaf culture will be explored. Drills in using the manual alphabet will assist students with expressive as well as receptive finger spelling skills. Students will regularly use a system of glossing to help them translate from English to ASL. Additional Catholic prayers will be learned.

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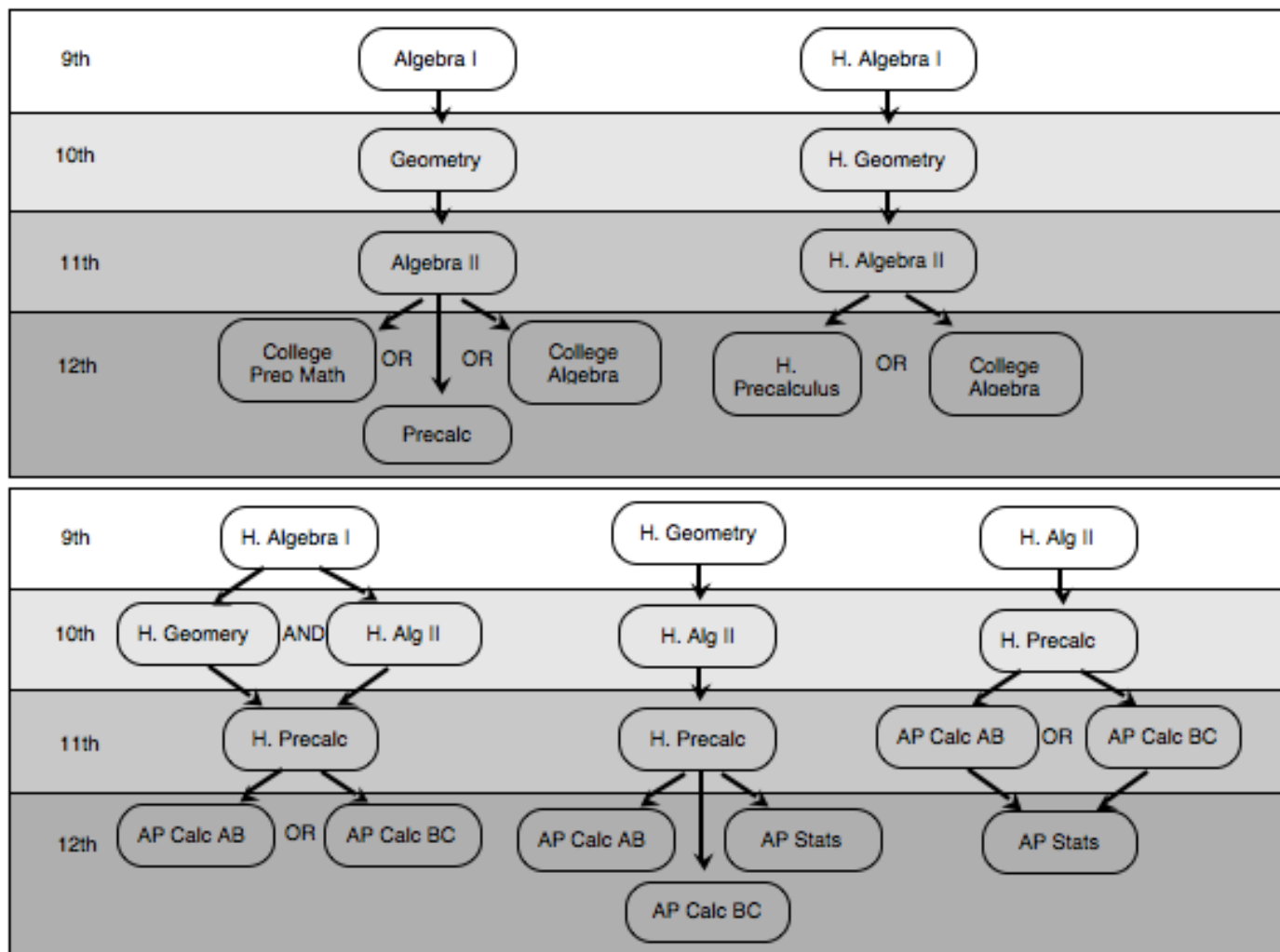
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MATHEMATICS DEPARTMENT

The mission of mathematics education, while integrating the values and teachings of the Catholic Church, is to teach our students strategies to identify problems, organize information, devise plans, solve problems, and analyze solutions to communicate results.

Note: Kansas State Board of Regents requires three units of math at or above the level of Algebra I. The Board and St. James Academy strongly encourages students to take a mathematics course every year of high school. All college bound students should take four years of math.

Math Department Course Sequences - St. James Academy



ALGEBRA I

Prerequisite: Placement Test

Course Code: KS

Credit: 1

MAT 101

Grade: 9

This is a one-year course to acquaint students with algebraic concepts and algebraic thinking. It is designed to help students develop reasoning skills and apply algebraic techniques in solving word problems. Topics covered include solving linear and quadratic equations, operations of polynomials, factoring, solving inequalities, and graphing equations in two variables.

HONORS ALGEBRA I

Course Code: KS, H Credit: 1

MAT 151

Grade: 9

Prerequisite: Placement Test and departmental recommendation

This course acquaints students with algebraic concepts and algebraic thinking. It is designed to help students develop reasoning skills and apply algebraic techniques in solving word problems. Topics are covered in greater depth and at a faster pace than the Algebra I course. Topics covered include solving linear and quadratic equations, operations of polynomials, factoring, solving inequalities, and graphing equations in two variables.

GEOMETRY

Course Code: KS Credit: 1

MAT 201

Grade: 9, 10, 11

Prerequisite: Algebra I or departmental recommendation

The students learn to develop their logical thinking used in later courses through proofs. Topics covered include points, lines, planes, angles, parallel lines, proving triangles congruent, polygons, tangents, areas and volumes, as well as other geometric topics.

HONORS GEOMETRY

Course Code: KS, H Credit: 1

MAT 251

Grade: 9, 10

Prerequisite: 85% or higher in Honors Algebra I, or department placement test and recommendation

This course is open to students who show a strong aptitude in mathematics as well as a strong algebraic foundation. Topics are covered in greater depth and at a faster pace than the Geometry course. The students learn to develop their logical thinking used in later courses through proofs. Topics covered include points, lines, planes, angles, parallel lines, proving triangles congruent, polygons, tangents, areas and volumes, as well as other geometric topics as time permits.

ALGEBRA II

Course Code: KS Credit: 1

MAT 301

Grade: 10, 11, 12

Prerequisite: Geometry or departmental recommendation

This course is designed to deepen and further develop algebraic concepts. Topics include polynomial, rational and radical functions, complex numbers, exponential and logarithmic functions and an introduction to trigonometry.

HONORS ALGEBRA II

Course Code: KS, H Credit: 1

MAT 351

Grade: 9, 10, 11

Prerequisite: 85% or higher in Honors Geometry, or departmental placement test and recommendation This course is designed to deepen and further develop algebraic concepts. Concepts are covered in greater depth and at a faster pace than the Algebra II course. Topics include polynomial, rational, and radical functions, complex numbers, exponential and logarithmic functions, and an introduction to trigonometry.

PRE-CALCULUS

Course Code: KS Credit: 1

MAT 401

Grade: 11, 12

Prerequisite: Algebra II or departmental recommendation

This course is designed to prepare students for the study of Calculus. Essential topics of Algebra II are reviewed. The rest of first semester will focus on trigonometry. Second semester covers a variety of functions, polynomials, systems and matrices. Students will also participate in a variety of labs and create projects.

HONORS PRE-CALCULUS

Course Code: KS, H

Credit: 1

MAT 451

Grade: 10, 11, 12

Prerequisite: 85% or higher in Honors Algebra II, or department placement test and recommendation
This course is designed to prepare students for the study of Calculus and college level mathematics beyond. Topics are covered in greater depth and at a faster pace than the Precalculus course. The first semester includes a brief review of algebra then focuses on trigonometry. The second semester analyzes a variety of functions, vectors, matrices, and an introduction to discrete math. Near the end of the year, students are introduced to calculus topics.

COLLEGE PREP MATH

Course Code: KS

Credit: 1

MAT 402

Grade: 12

Prerequisite: Algebra II or departmental recommendation

This course is designed for seniors planning on taking College Algebra their first year college, but not ready for Precalculus. It is designed to help enhance students' math skills from Algebra II. Some Precalc content will be included (such as basic trigonometry), but with less rigor.

COLLEGE ALGEBRA (JCCC QUICK STEP)

Course Code: CE,KS,

Credit: 1

MAT 505

Grade: 11, 12

Prerequisite: Algebra II and departmental approval

This is a course offered by Johnson County Community College at St. James Academy. It is a year-long course equivalent to a single semester of College Algebra, plus a few extra concepts. From August to October, the class reviews Algebra I and II in preparation for the JCCC placement test. Starting in November, the class covers the JCCC College Algebra curriculum and assessments. Students enrolled in this course may also qualify for college credit through JCCC (3 hrs).

AP CALCULUS AB

Course Code: KS, AP, CE

Credit: 1

MAT 501

Grade: 11, 12

Prerequisite: 85% or higher Honors Pre-Calculus and departmental approval

This year-long course is equivalent to a single semester of college Calc I. The course will include one semester differential calculus and one semester of integral calculus, both semesters with applications. Additionally, the goal of this course is to prepare students to earn Advanced Placement (AP) Calculus AB credit by taking the AP exam. Students enrolled in this course may also qualify for college credit through JCCC College Now.

AP CALCULUS BC

Course Code: KS, AP, CE

Credit: 1

MAT 502

Grade: 11, 12

Prerequisite: 85% or higher Honors Pre-Calculus and departmental approval

This year-long course is equivalent one semester of college Calc I and a second semester of college Calc II. It is double the pace of Calc AB. The course will include differential and integral calculus, both semesters with applications. Additionally, the goal of this course is to prepare students to earn Advanced Placement (AP) Calculus BC credit by taking the AP exam. Students enrolled in this course may also qualify for college credit through JCCC College Now.

AP STATISTICS

Course Code: KS, AP, CE Credit: 1

MAT 503

Grade: 11, 12

Prerequisite: 85% or higher in Honors Algebra II, or department placement test and recommendation
 This year-long course is the equivalent to a single semester of a college intro stats class. It is a beginning course in statistical analysis, the skill of making sense of raw data-constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Computer applications will be incorporated into course topics. Additionally, the goal of this course is to prepare students to earn Advanced Placement (AP) Stats credit by taking the AP exam. Students enrolled in this course may also qualify for college credit through JCCC College Now.

MATH ASSIST - ALG I

Prerequisite: Departmental recommendation

Credit: ½

MAT 103

Grade: 9

MATH ASSIST - GEOMETRY

Prerequisite: Departmental recommendation

Credit: ½

MAT 203

Grade: 10

MATH ASSIST - ALG II

Prerequisite: Departmental recommendation

Credit: ½

MAT 303

Grade: 11

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PHYSICAL EDUCATION DEPARTMENT

St. James Academy is dedicated to the development of the spiritual, physical, emotional, and social health and well being of each student. Physical Education courses are directed toward developing and improving physical fitness knowledge and ability, knowledge of rules and interest in physical activities with individual and small group sports. It encompasses the general informational and educational needs of students in the areas of health and wellness.

Note: 1 year of participation in a sport fulfills 1/2 credit of Physical Education requirement. Students who participate in a freshman, junior varsity or varsity sport (dance and cheer included) will earn one-half credit in physical education upon the completion of the season. Credit only will be earned; no grade will be issued. To earn this credit, an authorization form (available in the Counseling Office) must be submitted. All students are required to complete one full credit in physical education for graduation from St. James Academy; Physical Education is a required half credit course. Athletic credit may fulfill the remaining graduation credit in physical education, with a maximum of one full credit earned for athletics.

PHYSICAL EDUCATION I

PE 101

Prerequisite: None

Credit: ½

Grade: 9, 10

This course is directed toward developing and improving fitness knowledge and ability, along with the general informational and educational needs of the students in the areas of health and wellness. This course is designed to introduce students to theory and practicing cooperative team sport activities and individual physical fitness development. Special emphasis is placed on the development of good sportsmanship and Christian behavior. Health related topics include taking responsibility for your health, physical fitness for life, treatment of athletic and physical activity-related injuries, nutrition and weight management.

PHYSICAL EDUCATION II

PE 102

Prerequisite: None

Credit: ½

Grade: 10, 11

This course is designed to introduce students to the theory and practice of individual and team sports. It is organized to provide competition in a variety of team sports, including softball, flag football, ultimate Frisbee, soccer, basketball, and volleyball. Teams play within a tournament, knowledge of the rules and history of each sport is emphasized. Specific topics of health education includes: sexually transmitted diseases including AIDS and HIV infection, alcohol, tobacco, illegal drug use and substance abuse.

WEIGHT TRAINING I

PE 202

Prerequisite: PE I

Credit: ½

Grade: 9, 10, 11, 12

This is an introductory, elective course for those students interested in improving their overall muscular strength and muscular endurance. It includes an overview of the physiological basis for muscular strength and athletic power improvement, while emphasizing proper lifting techniques and safety procedures. In addition, this course is designed to improve flexibility, speed and agility.

ADVANCED WEIGHT TRAINING

PE 301

Prerequisite: PE I & Weight Training

Credit: ½

Grade: 11, 12

This class will include all of the aspects of Weight Training on a more intense level. Students will learn, research and develop individual weight programs.

LIFETIME FITNESS

PE 401

Prerequisite - One year of PE/Weight Training

Credit: ½

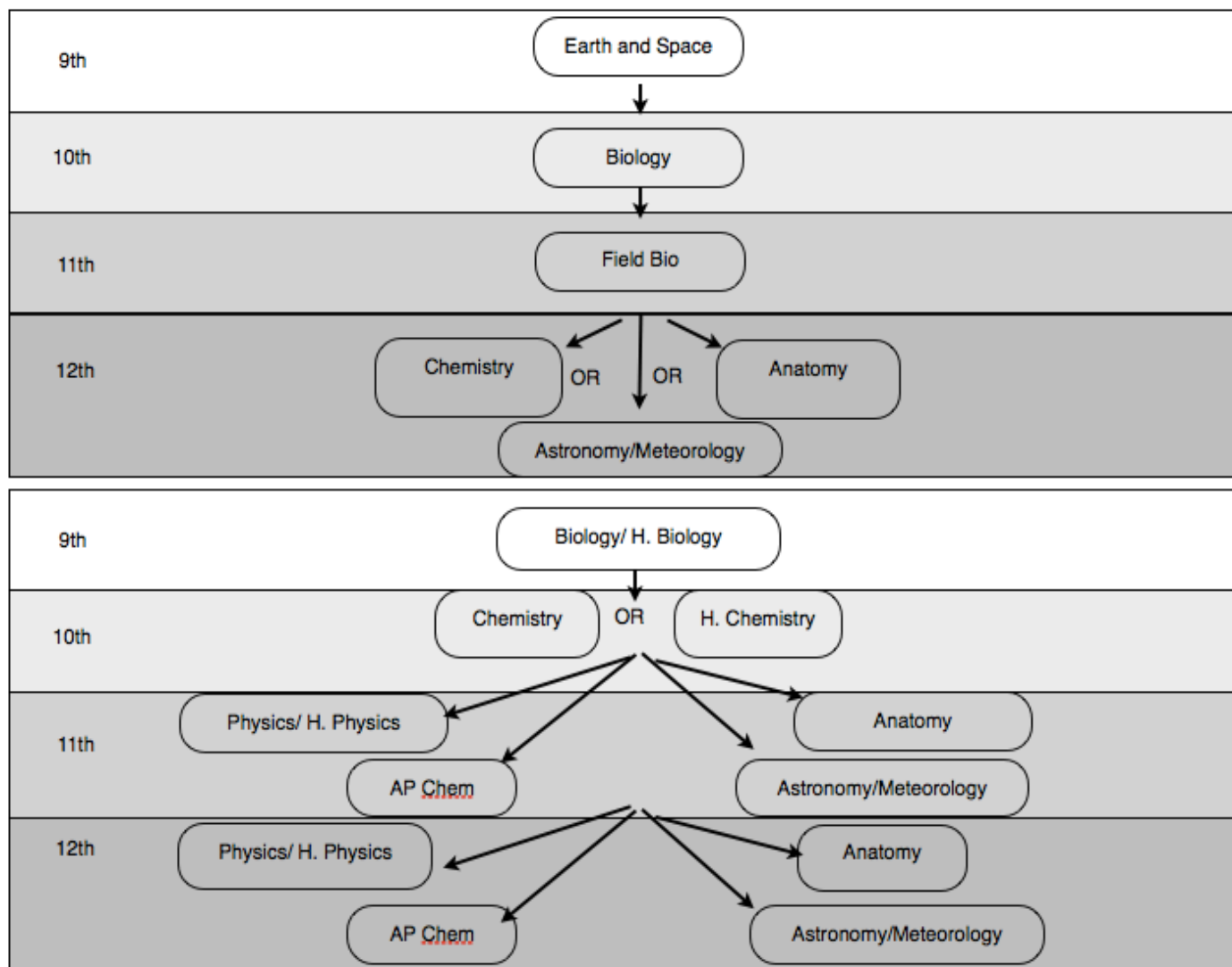
Grade: 11, 12

This is an advanced elective course. The primary objective of this course is to help students understand the importance of achieving and maintaining lifetime physical fitness. The course will include an introduction to various lifetime recreational activities as well as an emphasis on good nutrition and health habits.

SCIENCE DEPARTMENT

The mission of science education is to utilize science as a vehicle to prepare all students to be lifelong learners who can use science as stewards of God’s creation, to make reasoned decisions, and to contribute to their local, state, and international communities.

Science Department Course Sequences - St. James Academy



EARTH/SPACE SCIENCE

Course Code: KS

Credit: 1

SC 101

Grade: 9, 10

Prerequisite: Department Recommendation

This Earth/Space Science class will develop an understanding of energy in the earth system, geochemical cycles, the formation and organization of the earth system, and the organization and development of the universe. In addition, through laboratory activities, the student will develop the abilities necessary to do scientific inquiry. The students will develop questions and identify concepts that guide scientific investigation.

BIOLOGY

Course Code: KS

Credit: 1

SC 102

Grade: 9, 10

Prerequisite: Department Recommendation

This course is an introduction into the study of all living things and how they interact with their environment. It includes the study of cells, plant and animal life, genetics, evolution, classification and ecology. Various laboratory experiences will be included in each topic which will enhance the student's ability to master the concepts being taught in the classroom. This course satisfies the graduation requirement of one unit of life science.

HONORS BIOLOGY

Course Code: KS, H

Credit: 1

SC 151

Grade: 9, 10

Prerequisite: Recommendation from the St. James Academy Science Department based on minimum score on placement exam.

This course covers the same subject matter as Biology, but in more detail. Emphasis is given in developing critical thinking skills. This course is for those students who possess a demonstrated aptitude in science and who plan to enroll in advanced science courses. Students should carefully consider the extra time needed for this more challenging course. This course satisfies the graduation requirement of one unit of life science.

CHEMISTRY

Prerequisite: Biology

Course Code: KS

Credit: 1

SC 201

Grade: 10, 11

This course presents the fundamental theories and concepts of chemistry, starting with a study of matter and energy and continues through areas of chemical equations, solutions and chemical reactions. Student laboratory experiments serve as a basis for deriving many basic chemical principles. This course satisfies the graduation requirement of one unit of physical science.

HONORS CHEMISTRY

Course Code: KS, H

Credit: 1

SC 252

Grade: 10

Prerequisite: Departmental Approval

This course covers the same subject matter as Chemistry, but in more detail and at a faster pace. Emphasis is given to developing critical thinking skills. This course is for those students who possess a demonstrated aptitude in science and who plan to enroll in advanced science courses. Students should carefully consider the extra time needed for this more challenging course. This course fulfills the requirement of one unit of physical science.

FIELD BIOLOGY

Course Code: KS

Credit: 1

SC 302

Grade: 11, 12

Prerequisite: Earth Science, Biology and Teacher Recommendation

Field biology will consist of an in-depth study of the systems, processes, and major organisms found in the local ecosystems. We will conduct investigations in water quality, ecosystem stability, biotic diversity, and animal behavior. The course will be a combination of traditional lecture, in-class labs, and fieldwork. Class is limited to 20.

PHYSICS

Course Code: KS

Credit: 1

SC 301

Grade: 11, 12

Prerequisite: Chemistry; successful completion of Algebra II

This course will provide an overview of the basic topics in physics. These topics will include kinematics, thermodynamics, sound, light & optics, and electricity & magnetism. The course will be lab intensive and may have projects outside the classroom. This is a prime course for those students doing general college preparation.

HONORS PHYSICS I

Course Code: KS, H Credit: 1 Grade: 11, 12

SC 351

Prerequisite: Chemistry; successful completion of Algebra II and recommendation from Math Teacher. This course will cover the same topics as the Physics course, but will cover topics more in-depth and will require a more rigorous use of mathematics than the introductory course. The pace of the course will also be accelerated to allow additional topics such as nuclear physics and fluid mechanics to be covered. This course will be lab intensive and may have projects outside the classroom.

ANATOMY & PHYSIOLOGY

Course Code: KS Credit: 1 Grade: 11, 12

SC 401

Prerequisite: 80% in Biology or teacher approval.

This is a year long advanced biology class that will study the structure and function of the human body. Regular classroom work is enhanced with dissection of a cat. Careers utilizing anatomy and physiology will be introduced including medicine, physical therapy and nursing, being just a few. Students have the option of taking this as an honors course.

AP CHEMISTRY

Course Code: KS, AP, CE Credit: 1 Grade: 11, 12

SC 501

Prerequisite: Chemistry and recommendation from Chemistry Teacher; Concurrent enrollment in Pre-Calculus or recommendation from Math Teacher.

This is a second year chemistry course that will be geared toward taking the AP Chemistry exam at the conclusion of the year. Course topics will include a brief review of first year chemistry, followed by more advanced topics of acid and base chemistry, kinetics, thermodynamics, equilibrium and electrochemistry. Course work will include lectures, readings, extensive lab work, test, quizzes, projects, papers and outside research. This is equivalent to freshmen college chemistry and dual enrollment with JCCC is possible if all requirements are met. Some out-of-school meeting time may be required to fulfill the lab requirement of the AP program. There is a comprehensive review of Chemistry 1 that must be completed during the summer. The well-prepared student will spend approximately 1-2 hours per week during the summer in preparation for this course.

METEOROLOGY

Astronomy/Meteorology (1 credit) **SC 303**
Meteorology (½ credit) **SC 305**

Credit ½ Grade: 11, 12

Prerequisite: Chemistry, Algebra I, and Geometry; also must have the approval of the Science Department, must be concurrently enrolled in Astronomy to receive a full year of science credit. Meteorology provides the student with an in-depth study of the processes that govern the earth's climate and weather. Topics include world climate systems, climatic changes, human influence on climate, the causes of local weather systems, historical and technological contributions to meteorology, weather forecasting, observational and data collecting techniques and the processes that cause severe weather.

ASTRONOMY

Astronomy / Meteorology (1 credit) **SC 303**
Astronomy (½ credit) **SC 304**

Credit: ½ Grade: 11, 12

Prerequisite: Same prerequisites as Meteorology, must be concurrently enrolled in Meteorology to receive a full year of science credit

This course will cover the Sun and the major constituents of the solar system (planets, comets, minor planets, meteors, etc.), Eclipses and the Moon, Stars, Light, Telescopes, stellar evolution (white dwarfs, neutron stars, and black holes), and the historical development of astronomical ideas and to recent developments in planetary astronomy stemming from space probe missions.

* Note: Astronomy or Meteorology may be taken separately for elective credit your senior year if you have fulfilled all other science requirements and space is available. Priority will be given to those student taking both classes to fulfill a science credit.

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SOCIAL STUDIES DEPARTMENT

The mission of social studies education is to prepare students to evaluate and to act in accordance with Catholic tradition and values. The role of the social studies curriculum is to develop knowledgeable, active participants in a democracy and an interdependent world.

CURRENT EVENTS

SS 303

Prerequisite: None

Credit: ½

Grade: 10, 11, 12

Students in Current Events will become conversant in the major issues facing our world today. The topics covered in the course will depend on the important events which occur during the semester and on student interest. The objective of this course is to provide students with all the tools they will need to form their own informed opinions about the events happening in our world and to understand how their actions can influence world events. Special emphasis will be placed on becoming informed consumers of media. Student evaluation will be based on class participation, group presentations, regular conversations outside of class about current events, and some written work.

AMERICAN HISTORY IN FILM

SS 305

Prerequisite: None

Credit: ½

Grade 11,12

This class uses film as a medium to teach American History. The class will focus on the Post WWI era of American History as well as pop culture. Movies selected will portray events such as the Great Depression, WWII, The Cold War, The Civil Rights Movement, the 1960's, Vietnam, as well as both past and present day conflicts in the Middle East. While viewing films that portray these past events, students will be asked to think critically about what they watch, and extract important historical concepts from the content viewed. Particular emphasis will be placed on the viewer's ability to determine fact from fallacy, and identify the significance of important events, which have shaped our culture.

WWII/HOLOCAUST

SS 306

Prerequisite: None

Credit: ½

Grade: 11, 12

This elective will take a much closer look at WWII and the Holocaust. Students will delve deeper into these two topics through various resources such as diaries and film. Some topics that will be explored will be causes, events and consequences of the war and the Holocaust. We will learn not just details but long-term effects, including modern day genocides.

SOCIOLOGY

SS 308

Prerequisite: Geography, World History

Credit: ½

Grade 11, 12

This course illustrates how the groups, or social structures, that one belongs to have a profound influence on the way you think, feel, and act. Sociology looks at groups rather than individuals. Major themes include deviance and social control, inequalities of gender and age, family and marriage, and social issues surrounding modern sport.

PSYCHOLOGY

Prerequisite: None

Credit ½

SS 309

Grade 10,11,12

Psychology is an elective course that examines the behavior and mental processes of the brain. The discipline of psychology embraces all aspects of the human experience from the functions of the brain to the environments in which humans and other animals develop; from child development to aging. Two critical relationships will be focused throughout the course: one between brain function and behavior and one between the environment and behavior. We will be learning about the individual and apply the material we learn to ourselves.

ECONOMICS

Prerequisite: None

Credit: ½

SS 402

Grade: 12

This course explores the roles of consumers and producers in economic life and demonstrates how money, goods, and services flow. This course will emphasize basic economic concepts including market theory, national income analysis, and international trade. The interrelationships among consumers, producers, capital, land, and labor plus the interrelationship of our economic, political, and social lives are explored.

AP PSYCHOLOGY

Course Code: KS, AP, CE Credit: 1

SS 501

Grade: 12

Prerequisite: Teacher Recommendation

This basic introduction to psychology includes the study of biological aspects of behavior, the brain, consciousness, sensation and perception, motivation and emotion, stress, maturation and development, learning and memory, normal and abnormal personality, and social psychology.

WORLD GEOGRAPHY

Prerequisite: None

Credit: ½

SS 101

Grade: 9,10,11

World Geography will introduce the students to different locations, interactions, movements, places and regions of our world. Culture, society, economics and other aspects of intercontinental relationships will be discussed. An emphasis will be placed on the religions of the world and how they relate to Catholicism and their effect on the countries' cultures and regional politics. The historical significance of each region will also be explored.

WORLD HISTORY

Prerequisite: None

Credit: 1

SS 201

Grade: 10

This World History course is a survey of world history and the cultures of the world with an emphasis on the Modern Era from the Renaissance to the present. The course will include historical, multicultural, geographical, economic, technological, social, political and current event issues. Many different parts of the world will be explored.

HONORS WORLD HISTORY

SS 251

Prerequisite: None

Course Code: KS,H

Credit: 1

Grade: 10

The World History course is a survey of the world history and the cultures of the world with an emphasis on the Modern Era from the Renaissance to the present. The course will include historical, multicultural, geographical economic, technological, social, political and current event issues. Many different parts of the world will be explored. Students in this class will have additional reading and writing assignments outside of class.

AMERICAN HISTORY

SS 301

Prerequisite: None

Credit: 1

Grade: 11

American History focuses on the 20th century. The philosophy of this course is that the study and instruction of History should be interactive and aligned with the 11th grade literature course. In aligning these two courses students will be asked to become active participants in the study of our past and they will be continually placed in historical situations that will allow them to truly experience the rich past of our country. A true integration of these two courses helps to enrich both subjects and give the students a well-rounded historical experience.

HONORS AMERICAN HISTORY

SS 351

Prerequisite: None

Credit: 1

Grade: 11

Honors American History focuses on the 20th century. The philosophy of this course is that the study and instruction of History should be interactive and aligned with the 11th grade literature course. In aligning these two courses students will be asked to become active participants in the study of our past and they will be continually placed in historical situations that will allow them to truly experience the rich past of our country. A true integration of these two courses helps to enrich both subjects and give the students a well-rounded historical experience. Students will also practice timed-essay writing, vocabulary, and standardized-test comprehension questions.

AMERICAN GOVERNMENT

SS 401

Prerequisite: None

Credit: ½

Grade: 12

This course will give students the analytical perspective on government and politics in the United States. This course will cover three broad topics, local, state and federal government and the functions and importance of each. The purpose of this course is to prepare students to be active and engaged citizens in American democracy.

HONORS AMERICAN GOVERNMENT

SS 451

Course Code: KS, H

Credit: ½

Grade: 12

Prerequisite: Teacher Recommendation

This honors course will give students the analytical perspective on government and politics in the United States. This course will cover three broad topics, local, state and federal government and the functions and importance of each. The purpose of this course is to prepare students to be active and engaged citizens in American democracy. This class will be taught at a college level including outside reading that may not be covered in detail in class. Students will have the option of taking the AP Exam or enrolling for college credit from Johnson County Community College.

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BUSINESS AND TECHNOLOGY DEPARTMENT

The goal of the technology curriculum is to instill essential technical skills needed for life-long learning while maintaining high standards of Catholic education. This curriculum is not only a tool to develop essential technological skills, but a guide to developing ethical, Christian users. We recognize that technology is from God, and that we are stewards of His gift.

TECHNOLOGY I (SCHOOL DAY COURSE)

TECH 100

TECHNOLOGY I (ONLINE COURSE)

TECH 102

Prerequisite: None

Credit: ½

Grade: 9, 10, 11, 12

This course is designed to provide the student with an understanding of computer history, terminology, applications, Internet research, and laptop use and care. The implications of computers in our society and their impact on business, government, and personal lives will be explored. Students will improve their skills with word processing, spreadsheet, presentation, and database programs.

DIGITAL IMAGING

TECH 201

Prerequisite: Technology I

Credit: ½

Grade: 9, 10, 11, 12

This course will introduce students to graphic design and layout considerations for various production media. Students will study design principles and be introduced to computer imaging and graphics creation using professional software tools. Digital cameras and scanners will be discussed. This is a project-based course with students developing new skills to produce original creations.

WEB DESIGN

TECH 203

Prerequisite: Technology I

Credit: ½

Grade: 9, 10, 11, 12

This course will focus on design and development techniques for the programming of web pages. Web programming for Internet and intranet development is taught using a variety of programming platforms such as text editors and development suites. Students learn the scope of web development and the process for designing and developing high quality web sites.

ADVANCED WEB DESIGN

TECH 301

Prerequisite: Tech I & Intro to Web Design

Credit: ½

Grade: 10, 11, 12

This course is designed to provide each student with an opportunity to advance his or her web design skills. Students will work with scripting languages such as JavaScript to create special effects, advanced DreamWeaver techniques such as animation, web-based databases, PHP programming, and other advanced skills.

ANIMATION

TECH 303

Credit: ½

Grade: 10, 11, 12

Prerequisite: Tech I, Intro to Digital Imaging, and Instructor Permission

Students in this course will work with advanced, professional grade applications to produce animated graphics and movies. Animation is a time intensive and structured process, and the students will learn the process from storyboarding to completed product. Advanced animation skills such as scripting to creation of multimedia games will also be explored.

TECHNOLOGY LAB

Prerequisite: None

Credit: ½

TECH 101

Grade: 10, 11,12

This is an educational opportunity designed for the advanced technology student who desires hands-on technical experience. Students will do a variety of tasks, including hardware replacement, equipment delivery and pickup, laptop maintenance, printer and copier support.

PERSONAL FINANCE

Prerequisite: None

Credit: ½

BUS 201

Grade 9,10,11,12

Personal Finance is a one-semester course. The course is designed to give students the business financial management and investing skills they will need after high school. Students will explore financial career decisions, fundamentals of investing, personal financial protection and personal taxes.

INTRO TO BUSINESS

Prerequisite: None

Credit: ½

BUS 101

Grade: 10, 11, 12

This course is designed to provide students with a solid foundation of knowledge in a variety of business-related areas. Students will gain an understanding of economic systems, types of business organizations and management schemes, entrepreneurship, and will explore career opportunities.

MARKETING

Prerequisite: None

Credit: ½

BUS 203

Grade: 10, 11, 12

This course is designed to provide students with an opportunity to gain an understanding of the business world from the perspective of marketing. Students will participate in hands on activities necessary to promote, sell, and distribute products and services. The course includes the study of marketing functions in relation to services and goods, advertising, and business ownership. In addition, ethical considerations and the role of the customer are also addressed. The primary objective of the course is to give students experience working through real world situations.

ENTREPRENEURSHIP

Prerequisite: Tech I

Credit: ½

BUS 401

Grade: 10, 11, 12

This course is an introduction to the world of business creation and ownership from the point of view of an entrepreneur. During the course students will complete activities from researching possible businesses, case studies of successful and unsuccessful businesses, and eventually creating their own plan for a potential business. Additional areas explored are the skills, personal characteristics and qualities, ethics and personal values, and leadership abilities necessary to be successful as an entrepreneur. A hands-on, project based approach will be taken as students work through real world situations.

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STUDENT OUTREACH PROGRAMS

GUIDED STUDIES

Prerequisite: Departmental Approval

Credit: ½

GS 101

Grade: 9, 10, 11, 12

This course is designed to help students in their transition to high school at St. James Academy. Course selection for each student is determined by the collective input from parents, students, the Guided Studies teacher, and administration. Students in this class will work on note taking, study skills, and learning strategies. In addition, the students will work with teachers one-on-one for tutoring and guidance in homework/ assignments. The school strongly recommends that students who enroll in the Guided Studies class take the "Transitioning to High School" summer program. Students who enroll in the Guided Studies class do not necessarily have to follow the Guided Studies 4-Year Plan.

TEACHERS' AIDE

Prerequisite: Departmental Approval

Credit: ½

GS 102

Grade: 11, 12

Teachers' Aides are students who have a proven maturity to handle administrative assistance for teachers. Students will be assigned to a specific teacher for one semester and may be asked to assist the teacher in a variety of ways, which may include working one-on-one with individual students. Students who are interested in this course should also fill out an application in the counseling department. The class is pass/fail and not included in a student's GPA.

PEER TUTORING/MENTORING

Prerequisite: Departmental Approval

Credit ½

GS 103

Grade: 11, 12

Peer tutors are assigned to a classroom working with specific students, or in Guided Studies working with students in several areas of academics. Peer tutors receive a grade, which is computed in their cumulative GPA; therefore, peer tutors are required to be in the classroom or guided studies on time everyday and ready to assist as needed. The main function of the peer tutor is to support students in their academic endeavors. Peer tutors will meet with the Guided Studies teacher on a regular basis to discuss progress or concerns.

CHRISTIAN LEADERSHIP

Prerequisite: None

Credit ½

LD 400

Grade 12

This class will focus on developing the fundamental principals of Christian Leadership. There will be emphasis on deepening one's own interior life, developing personal leadership skills, and practicing group cooperation in organizing SJA Community / House events and projects. Students do not need to be an elected Community Captain or Mentor to enroll in the class.

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