



St. James
ACADEMY

COURSE CATALOG

2025-2026

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ST. JAMES ACADEMY HIGH SCHOOL

24505 Prairie Star Parkway, Lenexa, KS 66227 | 913-254-4200 | sjathunder.org

SCHOOL PROFILE 2024-25

ADMINISTRATION AND COUNSELING

Andy Tylicki - President
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Dr. Shane Rapp - Principal
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Angela Schermerhorn - College Counselor
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Natalie Muehlberger - Guidance Couns.(O-Z)
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Susan Ludwikoski- Registrar
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CEEB CODE: 171720

DEMOGRAPHICS

- 91% Catholic, 9% Non-Catholic
- 10% Hispanic, 90% Non-Hispanic
- 86.5% White, 13.5% Asian, American Indian, Black, Pacific Islander, or two or more races
- Freshmen come from 90 Middle Schools
- For 2024-25, \$2.7 M was awarded to families with 34% of students receiving financial assistance.

STUDENT TO FACULTY RATIO - 15:1

FACULTY AND ADMINISTRATION

- 95 Total Staff
- 67 Full Time Teaching Staff

MISSION

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.

COMMUNITY OVERVIEW

St. James Academy is a co-educational, Catholic high school in the Archdiocese of Kansas City in Kansas located in Lenexa, KS, a western suburb of the Kansas City metropolitan area.

ESSENTIAL QUESTIONS AND CHRISTIAN STEWARDSHIP PROGRAM

Each Spring, students will answer an Essential Question for their school year. The answer to their question will be shared in a meeting with their parents, House Mentor and possibly other staff and community members. Completion of the requirements of this experience along with 30 hours of service to one social service agency is a prerequisite for enrollment the following year and/or graduation. The purpose of this experience is for students to see their learning as cohesive and unified and to understand how all of the pieces of our educational programming are directed towards a common end: understanding who God is, what His plan for humanity is, and where each individual fits in that plan.

GRADUATION REQUIREMENTS FOR THE CLASS OF 2025

- Theology - 4 credits
- English - 4 credits
- Math - 4 credits
- Science - 3 credits
- Social Studies - 3 credits
- Physical Education - 1 credit
- Fine/Performing Arts - 1 credit
- Technology - 1 credit
- World Language - 2 credits
- Public Speaking - .5 credit
- Electives - 4.5 credits

ACCREDITATION/MEMBERSHIPS

Accredited by the State of Kansas and Cognia

Member of:

- Duc In Altum Schools Collaborative
- National Catholic Educational Association
- National Association for College Admission Counseling
- Great Plains Association for College Admission Counseling

ENROLLMENT

993 Students in Grades 9-12

- Class of 2025: 231
- Class of 2026: 254
- Class of 2027: 239
- Class of 2028: 269

2024 SCHOOLWIDE AP PERFORMANCE

- 39 AP Scholars
- 18 AP Scholars with Honors
- 16 AP Scholars with Distinction

598 AP Exams were given to 299 students for the 2023-24 school year.

TEST SCORES

Five Year ACT Average: 24.5

22 students in the Class of 2024 achieved a Thunder 30 distinction scoring 30 or higher on the ACT.

ADVANCED PLACEMENT PROGRAM

St. James Academy offers coursework at the Advanced Placement and Honors level. Students are encouraged to take no more than three AP classes each year as a Junior or Senior. Students in AP Classes are required to take AP Exams.

Subject Area	Advanced Placement Courses (16)	Honors Courses (20)
English	AP Language and Composition, AP Literature and Composition	Honors English I, Honors English II, Honors English IV*
Mathematics	AP Calculus AB, AP Calculus BC, AP PreCalculus, AP Statistics*, AP Computer Science Principles, AP Computer Science A	Honors Algebra I, Honors Geometry, Honors Algebra II, College Algebra*
Science	AP Physics, AP Chemistry*, AP Biology, AP Environmental Science	Honors Biology I, Honors Chemistry, Honors Anatomy & Physiology
World Language	AP Spanish Language and Culture, AP Latin**	Honors Spanish I, Honors Spanish II, III, & V, Honors Latin I, II, III, V, Honors ASL III & IV
Social Studies	AP US History, AP US Government and Politics	Students in several of these AP and Honors courses may opt to earn college credit through Concurrent Enrollment at Johnson County Community College* or Baker University**.

COMMUNITY SYSTEM

Students participate in a Community (large group) and a House (small group) for all four years. They receive mentorship for academic, social, and spiritual growth. The Community System supports over 80 Senior leadership opportunities.

St. James Academy does not assign a class rank to students.

GRADING SYSTEM

Grades are reported each semester as percentages, and no letter grades are given. A bonus of 5% is awarded to the final grade of an Honors or AP course if the grade is above 77%. The additional weight is not shown in the semester course percentage but is added to the final weighted cumulative average. Grades below 67% are considered failing at St. James Academy. Schools that need to convert to a 4.0 or letter grade system should use the scale that is implemented by the NCAA Clearinghouse, where 90-100 = A, 80-89 = B, etc. Transcripts are permanent records of all courses and semester grades earned. Work from other institutions will be recorded and credit noted on transcripts. ACT Scores are not reported on transcripts.

CLASS OF 2024 COLLEGE ENROLLMENT

97% Attending College

**87% 4 year Institutions
10% 2 year Institutions**

**65% Public Institutions
12% Catholic Colleges
11% Private Non-Catholic Institutions
1% Vocational School**

Allen County Community College
Arizona State University
Arkansas State University
Augustana College
Augustana University
Austin Community College
Ave Maria University
Avila University
Baker University
Baylor University
Belmont University
Benedictine College
Brigham Young University
Biola University
Boston College
Catholic University of America
Central Methodist University
Chaminade University of Honolulu
Cloud County Community College
Colgate University
College of Saint Benedict
Colorado School of Mines
Colorado State University
Columbus College of Art and Design
Creighton University
Denison University
Drake University
Drury University
Emporia State University
Florida Gulf Coast University
Florida Institute of Technology
Fort Hays State University
Fort Scott Community College
Franciscan University
George Fox University
Georgia Southern University
Gonzaga University
Grand Canyon University
Grinnell College
Hendrix College
Highland Community College

College Matriculation of St. James Students in the Past 6 Years

Hillsdale College
Houghton College
Iowa State University
Johnson County Comm. College
Kansas City Art Institute
Kansas City Kansas Comm. College
Kansas State Polytechnic
Kansas State University
Kenrick Glennon Seminary
Lafayette Community College
Laguna College of Art and Design
Lake Forest College
Lipscomb University
Loyola Marymount University
Loyola University of Chicago
Marquette University
Maryville University
McCook Community College
Metropolitan Community College
Michigan State University
MidAmerica Nazarene University
Missouri Baptist University
Missouri State University
Missouri University Science and Technology
Missouri Western State University
Neosho Community College
New York University
Newberry College
Newman University
Northern Michigan University
Northwest Missouri State
Northwestern College
Oklahoma Christian University
Oklahoma State University
Ottawa University
Pittsburg State University
Providence College
Purdue University
Quincy University
Rockhurst University
Rose-Hulman Institute of Technology
Saint Cloud State University
Saint Louis University
Savannah College of Art and Design
School of Art Institute of Chicago
Seton Hall University
Southeast Community College
Southwestern College
Spelman College
Stanford University
State Tech College of Missouri
Stetson University
Stephens College
Texas A&M University
Texas Christian University
Texas Tech University
The Ohio State University
Thomas Aquinas College
Trine University
Trinity College
U. S. Air Force Academy
U. S. Military Academy
Universiteit Maastricht
University of Alabama-Tuscaloosa
University of Arizona
University of Arkansas
University of California Los Angeles
University of Central Missouri
University of Dayton
University of Illinois at Urbana-Champaign
University of Iowa
University of Kansas
University of Mary
University of Minnesota
University of Missouri
University of Missouri - Kansas City
University of Missouri - St. Louis
University of Nebraska - Kearney
University of Nebraska - Lincoln
University of North Carolina
University of North Dakota
University of North Texas
University of Notre Dame
University of Oklahoma
University of Saint Mary
University of San Diego
University of South Carolina
University of Tennessee
University of Tulsa
University of Exeter
Upper Iowa University
Valparaiso University
Vassar College
Washburn University
Washington & Lee University
Wichita State University
William Jewell College
Xavier University



ST. JAMES ACADEMY MISSION

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.

VALUE STATEMENTS

Prayer and Sacraments

We value a life rooted in prayer and the sacraments. We have established a tradition of living the sacramental life on a daily basis as a means to a personal relationship with Jesus Christ.

Truth

We value a rigorous, well-rounded academic education rooted in the liberal arts and Catholic intellectual tradition, balanced with modern innovation, that leads to a discovery of Truth.

Relationships

We value a tradition of cultivating relationships through community and prayer. We intentionally create bonds with our students, staff, and families, united with Jesus and the Magisterium of His universal Church.

Leadership

We value preparing our students to share the light of Christ in the world by following God's plan for each one of us. They learn and practice the skills to be leaders in their families, parishes, communities, fields of study, and workforce, within whatever vocation God calls them.

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.

THE SCHEDULING PROCESS

The scheduling process is a shared responsibility of students, parents/guardians, teachers and counselors. All these people contribute ideas and information which result in effective educational programs for students and careful planning is required. Parents/guardians assist their children in the selection process by discussing course options and helping them analyze their individual interests, needs and goals. Teachers are available to discuss the curriculum with students in an effort to provide understanding of the options that are available. Students should seriously consider their teachers' recommendations before enrolling so that they are appropriately placed and set up for success. Counselors assist students and parents/guardians in developing a sound Individual Plan of Study. Course selections and alternate options cannot be guaranteed; they may be adjusted based on availability, class size and ensuring students are on pace for meeting graduation requirements. Students requesting courses with conflicting hours may have to choose between two courses due to limited availability.

Schedule Change Policy

Schedule changes cannot be guaranteed once students have requested their preferred courses. The master schedule is built on the basis of student choices of courses; therefore, class size and arrangement of time periods for courses can prohibit possible changes. A schedule change may be requested during the first 4 class days of the semester. The student must follow established school procedures and course changes will depend on space availability.

Schedule changes may be made only for sound academic reasons and are an exception, not the rule. Requests will not be considered until the Schedule Change Request Form is filled out completely, signed by the designated persons and submitted to the counseling department. Schedule changes will only be made for the following reasons and must be approved by the administration:

1. The student needs to enroll in a required class to meet graduation requirements.
2. The student is enrolled in a class for which he/she has already received credit.
3. The student has not met the prerequisites for the class.
4. The student has an incomplete schedule.
5. The teacher recommends a student move to a different course that matches their academic needs.

The following reasons do not qualify a student for a schedule change:

- Teacher preference
- Personality conflicts
- Workload
- Desire to maintain a high GPA
- Desire to be with friends.

Students are asked to follow their present schedule and complete any assignments/assessments until their request for a change has been fully processed by the counselor and an administrator.

OTHER IMPORTANT INFORMATION

Independent Study

Students wanting to take an independent study, must meet the following requirements.

- The course cannot be offered as a course taught by a St. James Academy teacher. If the course is offered by St. James, the student must take that class during one of the hours offered.
- Independent study courses may be offered by virtual online learning options* independent of St. James Academy and are subject to a separate enrollment fee through the online learning center. Students should discuss the desire to take an independent study with their counselor to determine the options available.
- Only one independent study course will be approved per semester. The student must fill out the Independent Study Course Request form and it must be approved by administration prior to enrollment with the online learning center.
- Independent Study requests for core classes will not be approved.
- A course that is completed as an independent study will not receive Honors or Advanced Placement credit.
- Independent Study courses and/or courses taken outside of SJA that students wish to have transcribed must be approved by SJA administration **prior** to enrolling in those courses. Courses without **prior** approval will not be accepted.

* with the *exception* of administrative approved independent study art courses here at SJA

Credit Recovery

Students who fail classes that are required for graduation will need to either retake those courses at St. James or complete credit recovery to earn the credit needed. Administration will send communication regarding the failing grade to the student, parents and counselor. The counselor will then help the family find approved course recovery options.

Workload Commitment Agreement Form

In order to maintain a healthy spiritual, academic and personal life balance, students who wish to enroll in more than 3 Honors, College Now, and/or AP courses will need a signed Work Load Commitment Agreement form and return it to their counselor by the end of the enrollment window. These forms are available in the counseling office. *All parties should be aware that AP classes typically require significantly more time and energy commitments than other courses, including summer work.* An AP or Concurrent Enrollment class is a college level course and should be considered the equivalent of taking 3 credit hours per course.

Honors, Advanced Placement and College Now (Concurrent Enrollment) Courses

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. Recommendations for 9th grade Honors courses will be made by St. James Academy teachers and counselors based on performance on the High School Placement Test (HSPT). These are recommendations only. We believe parents know their children best; therefore, parents can request honors or regular courses based on what they believe is the appropriate fit for their child.

Weighted GPA

Grades are reported each semester as percentages, and no letter grades are given. A bonus of 5% is awarded to the final grade of an Honors or AP course if the grade is above 77%. The additional weight is not shown in the semester course percentage but is added to the final weighted cumulative average.

College Now/Concurrent Enrollment Opportunities

College Now is a concurrent enrollment partnership in which eligible high school juniors or seniors may enroll in selected Johnson County Community College and/or Baker University classes offered at, and in cooperation with, St James Academy. Students must be non degree seeking at the time of concurrent enrollment.

The courses are taught by St. James teachers, at St. James, during the regular school day. The tuition of a College Now course is determined per credit hour, payable to Johnson County Community College or Baker University by the student's family. JCCC and Baker University set requirements for admission to their College Now Courses, and St. James students need to meet those requirements in order to take the courses here. Please contact your student's Guidance Counselor for more information.

Advanced Placement (AP)

Advanced Placement courses (AP) are college level courses taught by St. James teachers during the regular school day. 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 post-secondary institution chosen. Students enrolled in an AP course during the school year will be required to take the AP Exam in the Spring for that subject matter. AP Exams are ordered in September when students join their AP Classroom for their AP course(s), no additional registration is required. Students are not required to take AP classes in order to take the AP Exam, though it is highly recommended that they do.

The AP Exam Schedule is set by the College Board during the first two full weeks of May and cannot be altered. Late exams are only offered at SJA for major school event conflicts (EX: St. James graduation) and KSHSAA regional/state competitions. Other significant conflicts requiring late exams such as serious injury, illness, or family tragedy, will be considered but not guaranteed. Late Exams are not offered for students with personal academic or athletic conflicts (EX: individual or club sports), who miss the exam due to tardiness or have other personal conflicts. It is the student's responsibility to read communication from the AP Coordinator regarding report times and locations. Students who arrive after the report time may be denied admittance based on the College Board's administration rules and requirements.

The cost* per exam is to be paid by the family. **AP Exam Fees will be billed in the fall for full year courses and in January for semester courses.**

* The College Board sets the AP exam fee pricing. The current fee per exam is \$99. A \$40 non-refundable cancellation fee is assessed by the College Board if an exam is ordered and cancelled (the course is dropped) before the College Board's March exam change deadline. No refunds will be issued after the deadline.

Highly Competitive College Admissions

In order for a student to be considered for a selective or highly competitive college, it is recommended to take four years of Math, Science, World Language and sometimes Social Studies. Highly competitive colleges have rigorous requirements for acceptance and should be individually consulted for admission requirements. Please see our college counselor for further guidance.

GRADUATION REQUIREMENTS

Subject	St. James Academy Graduation Requirements '26, '27	St. James Academy Graduation Requirement '28 & beyond	Kansas Regents Qualified Admissions Curriculum	Kansas Scholars Curriculum	Competitive Colleges
Theology	4 credits* 1 credit per year ----- *Apologetics required course for graduation	4 credits* 1 credit per year ----- *Apologetics required course for graduation	No Credit required	No Credit required	No Credit Required
English	4 credits 1 credit per year	4 credits 1 credit per year	St. James Graduation requirements fulfill the minimum requirement in this subject area	St. James Graduation requirements fulfill the minimum requirement in this subject area	4 credits
Math	4 credits Four units of mathematics including algebraic and geometric concepts	4 credits Four units of mathematics including algebraic and geometric concepts	3 credits St. James Graduation requirements fulfill the minimum requirement in this subject area	4 credits Including Algebra II plus one add'l higher course *AP Comp Science courses do not count towards Math credit for KS Scholars	4 credits Including Algebra II plus one additional higher course
Science	3 credits Must include physical and life sciences which shall include at least one unit as a laboratory course.	3 credits Must include physical and life sciences which shall include at least one unit as a laboratory course.	3 credits St. James Graduation requirements fulfill the minimum requirement in this subject area	3 credits Must include Biology, Chemistry <i>and</i> Physics	4 credits Must include Biology (1 credit), Chemistry or Physics (1 credit) and other science
Social Studies	3 credits World Studies = 1 Western Civ = .5 US History = 1 Am. Gov = .5	3.5 credits World Studies = 1 Philosophy = 1 US History = 1 Am. Gov = .5	St. James Graduation requirements fulfill the minimum requirement in this subject area	St. James Graduation requirements fulfill the minimum requirement in this subject area	4 credits
World Language	2 credits Two years of the same World Language	2 credits Two years of the same World Language	No credits required	2 credits Two years of the same World Language	4 credits
Non-Core Required Courses	FA/PA- 1.0 Tech- 1.0 Speech- .5 PE- 1.0	FA/PA- 1.0 Comp Sci- .5 Financial Lit- .5 Health- .5 PE- .5 Communications- .5	No credits required	No credits required	1 credit
Electives	3.5 credits	3.0 credit	No credits required	No credits required	

***St. James Academy exceeds Kansas' requirements for high school graduation. For more information regarding the graduation requirements by the state of Kansas, please visit the [KSDE website](#).

Individual Plan of Study (IPS) Class of '26 and '27

9 th Grade First Semester	Credit	9 th Grade Second Semester	Credit
Theology : Salvation History	.5	Theology : Salvation History	.5
English :	.5	English :	.5
Science :	.5	Science :	.5
Mathematics :	.5	Mathematics :	.5
Social Studies : World Studies	.5	Social Studies : World Studies	.5
World Language :	.5	World Language :	.5
Elective : (focus on required graduation electives)	.5	Elective : (focus on required graduation electives)	.5
Seminar/Guided Studies/Academic Foundations	NA	Seminar/Guided Studies/Academic Foundations	NA
Total semester credits	3.5	Total semester credits	3.5
		Total 9th grade credits	7.0

10 th Grade First Semester	Credit	10 th Grade Second Semester	Credit
Theology : Christ Mission	.5	Theology : Christ Mission	.5
English :	.5	English :	.5
Science :	.5	Science :	.5
Mathematics :	.5	Mathematics :	.5
Social Studies : Western Civ (S1 or S2)	.5	Elective : (S1 or S2)	.5
World Language :	.5	World Language :	.5
Elective :	.5	Elective :	.5
Study Hall/Guided Studies/Academic Foundations	NA	Study Hall/Guided Studies/Academic Foundations	NA
Total semester credits	3.5	Total semester credits	3.5
		Total 10th grade credits	7.0

11 th Grade First Semester	Credit	11 th Grade Second Semester	Credit
Theology : Life In Christ	.5	Theology : Life In Christ	.5
English :	.5	English :	.5
Science :	.5	Science :	.5
Mathematics :	.5	Mathematics :	.5
Social Studies : American History or APUSH	.5	Social Studies : American History or APUSH	.5
World Language or Elective :	.5	World Language or Elective :	.5
Elective :	.5	Elective :	.5
Study Hall/Guided Studies/AF/Spark Plug	NA	Study Hour/Guided Studies/AF/Spark Plug	NA
Total semester credits	3.5	Total semester credits	3.5
		Total 11th grade credits	7.0

12 th Grade First Semester	Credit	12 th Grade Second Semester	Credit
Theology : Apologetics	.5	Theology :	.5
English :	.5	English :	.5
Science :	.5	Science :	.5
Mathematics :	.5	Mathematics :	.5
Social Studies : Gov or APGov (can be taken S1 or S2)	.5	Elective : (can be taken S1 or S2)	.5
World Language or elective:	.5	World Language or elective:	.5
Elective :	.5	Elective :	.5
Study Hour/Guided Study Hall/AF/Spark Plug	NA	Study Hour/Guided Study Hall/AF/Spark Plug	NA
Total semester credits	3.5	Total semester credits	3.5
		Total 12th grade credits	7.0
		Total Credits	28.0

Required Electives for Graduation:

Fine/Performing Art 1.0 credit

Technology 1.0 credit

PE 1.0 credit

Speech .5 credit

Individual Plan of Study (IPS) Class of '28 & beyond

9 th Grade First Semester	Credit	9 th Grade Second Semester	Credit
Theology : Salvation History	.5	Theology : Salvation History	.5
English :	.5	English :	.5
Science :	.5	Science :	.5
Mathematics :	.5	Mathematics :	.5
Social Studies : World Studies	.5	Social Studies : World Studies	.5
World Language :	.5	World Language :	.5
Elective : (focus on required graduation electives)	.5	Elective : (focus on required graduation electives)	.5
Seminar/Guided Studies/Academic Foundations	NA	Seminar/Guided Studies/Academic Foundations	NA
Total semester credits	3.5	Total semester credits	3.5
		Total 9th grade credits	7.0

10 th Grade First Semester	Credit	10 th Grade Second Semester	Credit
Theology : Christ Mission	.5	Theology : Christ Mission	.5
English :	.5	English :	.5
Science :	.5	Science :	.5
Mathematics :	.5	Mathematics :	.5
Social Studies : Philosophy	.5	Social Studies : Philosophy	.5
World Language :	.5	World Language :	.5
Elective :	.5	Elective :	.5
Study Hall/Guided Studies/Academic Foundations	NA	Study Hall/Guided Studies/Academic Foundations	NA
Total semester credits	3.5	Total semester credits	3.5
		Total 10th grade credits	7.0

11 th Grade First Semester	Credit	11 th Grade Second Semester	Credit
Theology : Life In Christ	.5	Theology : Life In Christ	.5
English :	.5	English :	.5
Science :	.5	Science :	.5
Mathematics :	.5	Mathematics :	.5
Social Studies :	.5	Social Studies :	.5
World Language or Elective :	.5	World Language or Elective :	.5
Elective :	.5	Elective :	.5
Study Hall/Guided Studies/AF/Spark Plug	NA	Study Hour/Guided Studies/AF/Spark Plug	NA
Total semester credits	3.5	Total semester credits	3.5
		Total 11th grade credits	7.0

12 th Grade First Semester	Credit	12 th Grade Second Semester	Credit
Theology : Apologetics	.5	Theology :	.5
English :	.5	English :	.5
Science :	.5	Science :	.5
Mathematics :	.5	Mathematics :	.5
Social Studies Gov/AP Gov (can be taken S1 or S2)	.5	Elective : (can be taken S1 or S2)	.5
World Language or elective:	.5	World Language or elective:	.5
Elective :	.5	Elective :	.5
Study Hour/Guided Study Hall/AF/Spark Plug	NA	Study Hour/Guided Study Hall/AF/Spark Plug	NA
Total semester credits	3.5	Total semester credits	3.5
		Total 12th grade credits	7.0
		Total Credits	28.0

Required Electives for Graduation:

Fine/Performing Arts 1.0 credit Computer Science .5 credit Health .5 credit PE .5 credit Communications .5 credit Financial Literacy .5 credit

COLLEGE ATHLETICS INFORMATION

Year by Year Plan

Grade 9

- Start Planning – Take the right courses and earn the best grades you can.
- Ask your counselor or visit eligibilitycenter.org for a list of core courses.

Grade 10

- Register with the NCAA Eligibility Center at eligibilitycenter.org
- Continue to take core approved courses.

Grade 11

- Check-in with your counselor to make sure you are on track.
- Take the ACT or SAT and make sure to submit your scores.
Code: NCAA 9999
NAIA 9876
(If you do not there is an extra cost to have them sent later)

Grade 12

- Take the ACT or SAT again, if necessary, and make sure to send your scores.
- After graduation - request your final transcript to be uploaded to NCAA

Eligibility

NCAA Division I and II Initial-Eligibility Requirements:

- Division I and Division II Core Courses: 16 core courses in high school are required for any student entering a DI or DII college or university. 10 of the core courses must be completed by the seventh semester of high school. Seven of the 10 core courses must be in English, Math, and Natural/Physical Science.

NCAA Division I Eligibility

- 16 Core Courses
- 2.3 GPA (in core courses)

NCAA Division II Eligibility

- 16 Core Courses
- 2.2 GPA (core courses)

NAIA Eligibility – Meet two of the three following requirements

- 2.0 GPA
- Graduate in the top half of your high school class
- ACT/SAT score requirement

For More Information: NCAA: www.eligibilitycenter.org
NAIA: www.playnaia.org

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, adoration, service to others, spiritual mentorship, 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 semesters. All Seniors are required to take Apologetics for .5 credit and may choose Discipleship of Christ or Responding to Jesus as the other .5 Theology credit.

Theology Courses	9th	10th	11th	12th
Salvation History	X			
Christ's Mission in the Church		X		
Life in Christ			X	
Apologetics				X
Responding to Jesus				X
Discipleship of Christ				X

SALVATION HISTORY

THEO 101

Prerequisite: None

Credit: 1

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

THEO 202

Prerequisite: Salvation History

Credit: 1

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.

LIFE IN CHRIST

THEO 301

Prerequisite: Christ's Mission in the Church

Credit: 1

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.

APOLOGETICS

THEO 404

Prerequisite: Life in Christ

Credit: .5

Grade: 12

This Theology class 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. **This course is a required course for graduation.**

DISCIPLESHIP OF CHRIST

THEO 402

Prerequisite: Life in Christ

Credit: .5

Grade: 12

This Theology elective course aims at forming Christians who will assist in sanctifying the modern world. Students will learn how to transform the temporal order by growing in prayer, learning how to practically proclaim the Gospel, and studying the key tenets of Catholic Social Teaching. In this class, students will discover how the mission of Jesus, as articulated in Luke 4:18, is carried out by Christians today.

RESPONDING TO JESUS

THEO 403

Prerequisite: Life in Christ

Credit: .5

Grade: 12

This Theology elective course will help students to become aware of what constitutes their interior life and how it operates. Students will gain greater knowledge of self and methods to free themselves from that which blocks and hinders them from responding to Jesus' call to become a gift of self for the sake of the other. This will help students learn how to be free in discerning the vocation God has for them.

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 developing 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 will 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 Courses	9th	10th	11th	12th
English I	X			
Honors English I	X			
English II: World Literature and Composition		X		
Honors English II		X		
English III: American Literature and Composition			X	
AP Language and Composition			X	
English IV: American/British Literature and Composition				X
Honors English IV				X
AP Literature and Composition				X
Creative Writing I (Elective)			X	X
Creative Writing II (Elective)			X	X

ENGLISH I

Prerequisite: None

Course Code: KS

Credit: 1

ENG 101

Grade: 9

English I is a survey of genres of literature. This course will focus on each genre's literary elements and determination of theme and intent. 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 through persuasive, critical writing in the five paragraph essay format as well as creative multi-paragraph writing. Vocabulary will be studied within the context of the literature, and grammar will be taught in the context of writing. In addition to reading and writing skills, speaking and listening skills will be developed through oral discussion. Students are required to complete the summer reading assignment and will read additional major works during the school year.

HONORS ENGLISH I

ENG 151

Prerequisite: None

Course Code: KS, H

Credit: 1

Grade: 9

This will focus on each genre's literary elements and determination of theme and intent. Student's in Honors English I will study literature under the basic genres: short story, poetry, novels, mythology, nonfiction, and drama. Students will be introduced to composition through persuasive, critical writing in the five paragraph essay format as well as creative multi-paragraph writing. Vocabulary will be studied within the context of the literature, and grammar will be taught in the context of writing. In addition to reading and writing skills, speaking and listening skills will be developed through oral discussion. Students are required to complete the summer reading assignment and will read additional major works during the school year. This course will introduce major writing and analysis skills needed to be prepared for future AP Literature and Language Composition courses. Book fee: \$20

ENGLISH II: WORLD LITERATURE AND COMPOSITION

ENG 201

Prerequisite: English I

Course Code: KS

Credit: 1

Grade: 10

World Literature and Composition 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. A variety of genres will be analyzed for theme and intent, including scriptures, epic poetry, myth, poetry, drama, and various forms of fiction and nonfiction. Vocabulary will continue to be studied in the context of the literature. Writing will be assigned as an additional method to improve understanding and comprehension. This course will continue to focus on the importance of the writing process in order to create quality multi-paragraph essays that are persuasive, analytical, and creative in nature. Grammar will be taught in the context of writing. Students are required to complete a summer reading assignment.

HONORS ENGLISH II

ENG 251

Prerequisite: English I

Course Code: KS, H

Credit: 1

Grade: 10

Honors English II will introduce students to literature selections from ancient and/or modern times from countries around the world. Students improve their critical-thinking skills as they comprehend the diversity of literary traditions and the influences of those traditions. The selections are chosen because of their relevance to the interpretation of other works in literature that will be studied in future AP classes. This course is designed as an introduction to literary and language analysis required in the future AP Literature and Language Composition courses. Oral discussion is an integral part of the courses, and written compositions are often required. Students are required to complete a summer reading assignment. Book fee \$30.

ENGLISH III: AMERICAN LITERATURE AND COMPOSITION

ENG 301

Prerequisite: English II

Course Code: KS

Credit: 1

Grade: 11

American Literature courses focus upon commonly known American authors and their work as students are exposed to and study key movements from our nation's literary heritage. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. This course aims to create sophisticated readers with strong skills in comprehension and discernment by focusing on more advanced literary techniques in several genres, such as short story, drama, poetry, and the novel. Instruction in good and logical writing will provide continued and advanced attention

to writing for a variety of purposes and audiences, including shorter forms of literary analysis as well as a long research-based argument paper. Students are required to complete the summer reading assignment.

AP LANGUAGE AND COMPOSITION

ENG 500

Prerequisite: English II

Course Code: KS, H

Credit: 1

Grade 11

Following the College Board's suggested curriculum designed to parallel college-level English courses, this AP English 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. All Advanced Placement students will take the AP exam in the spring. Students are required to complete a major academic research paper. AP exam fee will apply. Book fee: \$25.

ENGLISH IV: AMERICAN/BRITISH LITERATURE AND COMPOSITION

ENG 410

Prerequisite: English III or AP Lang

Course Code: KS

Credit: 1

Grade: 12

This course will blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, to do a transatlantic study focusing on British and American authors. Students improve their critical thinking skills as they determine the underlying assumptions within the selected works and as they understand how the literature reflects the society and time from which it comes. Students will also focus on academic multi-paragraph essays and real world writing. Students will gain or build on an understanding of rhetorical situations, the writing process, writing structures, and a variety of writing situations. Students are required to complete the summer reading assignment.

HONORS ENGLISH IV

ENG 0308

Prerequisite: English III or AP Lang

Course Code: KS, CE, H

Credit: 1

Grade: 12

To Qualify for Concurrent Enrollment: High School Cumulative GPA of 3.0 or higher, passing score on JCCC Accuplacer Test or ACT English subscore of 19.

This course is concurrent enrollment with Johnson County Community College. This course will include both Composition I and II fulfilling the JCCC composition requirements. Composition I focuses on writing nonfiction prose suitable in its expression and content to both its occasion and its audience. Students will have the opportunity to improve in all phases of the writing process: discovering ideas, gathering information, planning and organizing, drafting, revising, and editing. Each text written in the course should clearly communicate a central idea or thesis, contain sufficient detail to be lively and convincing, reflect the voice of the writer and use carefully edited standard written English. By the end of first semester, students should have completed at least 20 pages (approximately 5,000 words) of revised and edited prose. Composition II focuses on skills essential to gathering, comprehending, analyzing, evaluating and synthesizing information from a variety of academic and non-academic sources. Because writing is integral to college coursework and the workplace, this section of the course emphasizes the rhetorical skills needed to understand and produce complex compositions in a variety of forms, which may include essays, presentations, reports, social media posts and other digital forms of communication. By the end of second semester,

students should have completed at least 25 pages (approximately 6,250 words) of revised and edited prose. Literature, grammar, and vocabulary study will also be threaded throughout both semesters.

Students can earn up to 6 hours of credit through College Now and **JCCC tuition fees will apply for each semester**. Students not wanting to enroll concurrently with JCCC should enroll in either AP Literature & Composition or English IV based on recommendation. Students with an AP Language & Composition score of 3 or better, may choose to only concurrently enroll with JCCC for Composition II (second semester), but will be required to be enrolled in Honors English IV for the full school year. Students are required to complete the summer reading assignment. Book fee: \$20

AP LITERATURE AND COMPOSITION

ENG 501

Prerequisite: AP Lang or English III Course Code: KS, AP Credit: 1 Grade: 12

To qualify for college credit, students must have first completed AP Language and Composition. Following the College Board’s curriculum design, AP English Literature and Composition engages students in the careful reading and critical and evaluative analysis of literature. Through the course 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, tone, and syntax. Students are required to complete the summer reading assignment. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply. Book fee: \$50.

CREATIVE WRITING I

ENG 403

Prerequisite: None Elective Credit Credit: .5 Grade: 11, 12

This elective aims to develop an enjoyment of and capacity for writing in multiple genres, including poetry and short story, and to encourage students to pursue their particular interest in diverse writing styles that may include: creative nonfiction/memoir, drama, chapters of a novel, songwriting, etc. The course also includes examining mentor-texts and workshoping (both giving and receiving feedback on individual writing). This class seeks to build skills, trust, and enjoyment in the creative process in order to draw each person closer to the Creator and into a deeper understanding of themselves.

CREATIVE WRITING II

ENG406

Prerequisite: Creative Writing I Elective Credit Credit: .5 Grade: 11, 12

This elective aims to develop an enjoyment of and capacity for writing. The course includes examining mentor-texts and workshoping (both giving and receiving feedback on individual writing). Students will develop independent portfolios exploring individual interests in various genres. Students will also explore the process of publishing.

Course Codes used throughout this catalog:

AP=Advanced Placement; five percentage points added to weighted cumulative GPA

CE=Concurrent course offering with JCCC

H=Honors level courses; five percentage points added to weighted cumulative GPA

KS=Course fulfills Board of Regents requirement

Z=Zero hours-course taken outside regular school day

Courses listed in the catalog will be offered provided there is sufficient enrollment.

COMMUNICATIONS

The Communications classes at St. James Academy are centered on the mission of forming the next generation of Catholics. Whether students are developing the skills in rhetoric, speech, debate, performance, video production, or graphic design; the purpose of these skills is to glorify God.

All Communication credit classes will count towards students .5 credit requirement towards Communication graduation requirement. Any additional credits taken will count towards the 1.0 credit requirement of Fine or Performing Arts.

INTRO TO RHETORIC

COM 101

Prerequisite: None

Credit: .5

Grade: 9, 10, 11, 12

This course studies the art of persuasion. Students analyze text and artifacts, learn how good rhetoric works, and how arguments succeed or fail. Students will analyze, prepare, and participate in their own rhetoric.

INTRODUCTION TO POLICY DEBATE

COM 105

Prerequisite: None

Credit: .5

Grade: 9, 10, 11

Formerly called “Novice Debate”, this program teaches argumentation, research, and speaking skills, for and against a particular topic in public policy. Policy Debate is a co-curricular program that requires students to perform in a number of weekend debate tournaments against other Kansas schools. Debate is a competitive program governed by the rules of the Kansas State High School Activities Association and the National Speech and Debate Association. **Offered FIRST SEMESTER ONLY.**

ADVANCED POLICY DEBATE

COM 205

Prerequisite: Intro to Policy Debate

Credit: .5

Grade: 10, 11, 12

Advanced Policy Debate is a program for students who want to grow as public speakers and researchers, and pursue higher levels of competition. Advanced Policy Debate is a co-curricular program that requires students to perform in a number of weekend debate tournaments against other Kansas high schools. Students often re-enroll in this class year after year to continue growing as a debater; successful debaters also participate in other speech/debate/drama competitions in the spring semester, and pursue outside summer camps to prepare for higher levels of debate. Debate is governed by the rules of the Kansas State High School Activities Association and the National Speech and Debate Association. **Offered FIRST SEMESTER ONLY.**

SPEECH AND DRAMA PERFORMANCE

COM 110

Prerequisite: None

Credit: .5

Grade: 9, 10, 11, 12

Formerly called “Forensic Speech”, this program offers students opportunities to learn public speaking, debate, and/or dramatic performance skills. This is a competitive, co-curricular activity that enters a number of weekend tournaments with other high schools in Kansas. Students often re-enroll in this class year after year to continue growing as a performer. This program is governed by the rules of the Kansas State High School Activities Association and the National Speech and Debate Association. **Offered SECOND SEMESTER ONLY.**

MEDIA ARTS - VIDEO PRODUCTION I

COM 120

Prerequisite: None

Credit: .5

Grade: 9, 10, 11, 12

What is video production and how can it be mission-centered? This is the guiding question of this course. By learning skills to create impactful media in a Catholic setting, students not only learn video production for the sake of furthering our mission, but also to understand the intricacies of media they consume. This introductory level class will cover the basics of video production in a hands-on, project-based environment. Students will learn equipment and video editing software, creating hype videos, news segments, commercials, and other creative video packages with the goal of furthering the mission of our school and our Church. Projects will be public-facing in class on a variety of school-related digital platforms. The goal of this class is to create products worthy of going public on a variety of school-related digital platforms. Additionally, you will be introduced to broadcasting via entry level positions with Thunder Broadcasting Network.

MEDIA ARTS - VIDEO PRODUCTION II

COM 220

Prerequisite: MA-VP I

Credit: .5

Grade 9, 10, 11, 12

This course builds on the skills from VPI. Students will learn more advanced features with cameras, lighting, and audio equipment. You will enhance your skills in Adobe Premiere Pro. The goal of VP II is to create high-quality, more meaningful content worthy of going public on a variety of school-related digital platforms. This class also introduces studio production and live production skill sets. Studio and live production will lead to more integrated roles in Thunder Broadcasting Network.

MEDIA ARTS - VIDEO PRODUCTION III

COM 320

Prerequisite: MA-VP II

Credit: .5

Grade 10, 11, 12

This course gives students leeway to explore a variety of extended projects in video production such as film making, long-form documentary and storytelling video products, as well as further practicing the skills of evaluating media created by others. Students will also serve the community, producing media for clients inside and outside of SJA. In addition to their own projects, students in AdvVP also serve as editors and mentors for students in VPI and VP II.

BROADCAST PRODUCTION (THUNDER BROADCASTING NETWORK)

COM 140

Prerequisite: MA-VP I (concurrent or completed)

Credit: .5

Grade 9, 10 11, 12

This class will learn the roles, skills, and technology of broadcasting. Students in this class are responsible for all Thunder Broadcasting Network broadcasts: TBN *Sports*, TBN *Events and News*, and semi-weekly TBN *Pulse*. Roles include producer, director, technical director, audio engineer, camera operator, graphics engineer, and talent. Skills include creating production plans, setting up operations, and executing broadcasts. Technology includes all industry-standard equipment such as cameras, communications, audio mixers, graphics packages, and live-video switchers. Students may be able to earn professional certifications in some of these areas.

YEARBOOK

COM 301

Prerequisite: Intro to Comp Science

Credit: 1

Grade: 11, 12

In this course, students will gain, develop, and master skills in multiple areas of the yearbook creation process. Whether you're interested in page design or photography, copywriting or marketing, or any other skill required to create a memorable yearbook, you'll be able to come to class and learn by **doing**. Outside of developing these individual skills, we're also working towards a

single, shared team goal: to create the most memorable faith-inspired yearbook St. James Academy has ever seen! There is an application process for possible entry to this class.

YEARBOOK DESIGN

COM401

Prerequisite: Yearbook

Grade 12

In this course, students will acquire additional experience in web page design, photography, leadership, mentorship of fellow students, live interaction with our Yearbook publisher. In addition, these students will be responsible for organizing layout designs and deadlines, approving page spreads, and many more management opportunities. Students will have the privilege to help with sales and approval of concepts and ideas alongside professional graphic designers as well as our own St. James Academy administration. This is an incredible experience for senior students in our building who are active in the Yearbook and Media Arts department. This class is chosen through an interview process in the spring of the previous school year.

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. Taking either band or choir for 4 years usually requires taking elective summer courses or opting out of Study Hall junior and/or senior year. For the classes of '26, and '27, the speech and fine arts requirements are both fulfilled if a student takes two or more years of choir or instrumental music. However, students cannot use one course to fulfill two requirements. Students in the class of '28 and beyond will need to fulfill a communications half credit even if participating in performing arts.

Performing and Fine Arts Courses	9th	10th	11th	12th
Concert Choir	X	X	X	X
Vocal Thunder		X	X	X
A Cappella Choir		X	X	X
Sorelle	X	X	X	X
Chamber Singers		X	X	X
Intro to Music - Popular Music in America	X	X	X	X
Music Technology I			X	X
Music Theory and History		X	X	X
Repertory Theatre	X	X	X	X
Drama I	X	X	X	X
Drama II	X	X	X	X
Percussion Ensemble I	X	X	X	X
Concert Band	X	X	X	X
Crimson Collective	X	X	X	X
Orchestra	X	X	X	X
Thunder Drums	X	X	X	X
Jazz Band	X	X	X	X
Pep Band	X	X	X	X
Intro to Drawing	X	X	X	X
Advanced Drawing	X	X	X	X
Advanced Art		X	X	X
Painting		X	X	X
Ceramics			X	X
Advanced Ceramics			X	X
Architecture and Interior Design			X	X
Intro to Sewing			X	X
Advanced Sewing			X	X
History of Film			X	X
Film Theory and Criticism			X	X

DRAMA I

PA 107

Prerequisite: None

Credit: .5

Grade: 9, 10, 11, 12

Drama I introduces the student to various aspects of the theater with the primary focus on acting. Improvisation, script analysis, theater terminology and theater 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 II

PA 207

Prerequisite: Drama I or Instructor Approval

Credit: .5

Grade: 9, 10, 11, 12

Drama II is an advanced course designed for students who wish to learn more about what it really takes to put on a full realized play. This class will collaborate on finding a suitable one act for the students in the class, audition for the role in the show and rehearse the play in class. Audition technique, character study, directing and design will be integral elements of this course. ***This course will be offered every other year. The next offering is 2025-2026.**

INTRODUCTION TO THE VISUAL AND PERFORMING ARTS

PA 103

Prerequisites: None

Credit: .5

Grade: 10

This class includes an overview of the key concepts of visual arts, drama and music. Most project work is completed in class. *Crash Course option only.*

CONCERT CHOIR (Soprano, Alto, Tenor, Bass Voices)

PA 105

Prerequisites: None

Credit: 1

Grade: 9, 10, 11, 12

Concert Choir is a beginning / entry level choir for those wishing to learn the basics of singing technique. This group will focus on learning how to sight-read music, singing a varied repertoire of music in three or four part harmony, understanding and experiencing performance etiquette. Required for all members is participation in scheduled concerts.

VOCAL THUNDER (Tenor / Bass Voices only)

PA 208

Prerequisites: Concert Choir or Teacher Placement

Credit 1

Grade: 10, 11, 12

This is a choir for tenor or bass voices who have begun or have already gone through the voice change. Freshman wishing to sing in a more advanced group may take this course with teacher recommendation. Students will develop their singing and musical skills while working on breath support, tone quality, posture, diction, theory, blend, and sight singing. Required of all members is participation in scheduled concerts.

A CAPPELLA CHOIR (Soprano, Alto, Tenor, Bass Voices)

PA 209

Prerequisite: Audition

Credit: 1

Grade: 10, 11, 12

A Cappella Choir is an advanced performing ensemble open to sophomore, junior and senior men and women. This course is for those students who display a serious attitude towards choral excellence as well as musical and personal maturity. This ensemble will perform advanced choral literature at all St. James concerts, Regional and State KSHSAA music festivals, as well as additional venues in the Kansas City area.

SORELLE (Soprano / Alto Voices only)**PA 210****Prerequisite: Audition****Credit: 1****Grade: 9, 10, 11,12**

Sorelle is an advanced performing ensemble open to freshmen, sophomores, juniors and seniors who wish to sing in a more advanced group than Concert Choir. This course is for those students who display a serious attitude towards choral excellence as well as musical and personal maturity. This ensemble will perform advanced choral literature at all St. James concerts, Regional and State KSHSAA music festivals, as well as additional venues in the Kansas City area.

CHAMBER SINGERS (Soprano / Alto Voices only)**PA 203****Prerequisite: Audition****Credit: 1****Grade: 10, 11,12**

Chamber Singers is an advanced small performing ensemble open to sophomore, junior and senior men and women who are also enrolled in A Cappella Choir. This choir is for those students who display a serious attitude towards choral excellence as well as musical and personal maturity. This ensemble will perform advanced choral literature at all St. James concerts, Regional and State KSHSAA music festivals, as well as additional venues in the Kansas City area.

INTRO TO POPULAR MUSIC IN AMERICA**PA 400****Prerequisite: None****Credit: .5****Grade: 9, 10, 11, 12**

This course examines the historical significance of popular music in the United States from the late nineteenth century to the present. No formal musical training is necessary to enroll in the course. Students will learn about genres including military music, blues, jazz, rhythm and blues, country, soul, rock, hip-hop, and electronic dance music. Activities will include listening and creating examples of these styles of music. Practical musicianship skills will also be taught as part of the class, including instrument basics (percussion, piano, and guitar) and creating music using Garageband.

MUSIC TECHNOLOGY I**PA 401****Prerequisite: Completed a full year music class.****Credit: .5****Grade: 11, 12**

This class is focused on the creation of music and media using technology. Arranging and editing musical projects and evaluating merit of musical content are also covered. Students will learn computer based techniques for creating, recording and producing projects on GarageBand, Sibelius, Finale, Photoshop and iMovie. Class members will also be taught about the history of music in film and how to create multimedia presentations. This class fulfills either .5 Fine/Performing Arts or Technology credit.

MUSIC THEORY AND HISTORY**PA 405****Prerequisite: None****Credit: .5****Grade: 10, 11, 12**

Music Theory and History is a non-performance course open to those students with an interest in learning the basic rudiments, structures, and elements of music. The history curriculum covers both musical and historical developments from the early Catholic Church through to present day. Topics covered include Gregorian Chant, Music at Notre Dame, the Baroque and Classical eras, the Nineteenth Century (Nationalistic Music, Tchaikovsky's Ballet music, and traditions in German and Italian Opera), Jazz and Blues, Serialism and American Musical Theatre.

REPERTORY THEATER**PA 303****Prerequisite: Drama I****Credit: .5****Grade: 9, 10, 11, 12**

This class is for the serious theater student interested in getting a deeper understanding of various acting styles. The class will focus on how theater has evolved over the course of history and how that has impacted actors' way of telling stories. Advanced acting techniques and theater history will be taught and utilized.

PERCUSSION ENSEMBLE I

PA 310

Prerequisite: Instructor Approval

Credit: .5

Grade: 9, 10, 11, 12

This class provides percussionists with the opportunity to develop both technically and theoretically. Students will refine skills and rudiments on concert and marching percussion through group and individual projects so that they become multi-disciplined. Students are encouraged to participate either as a soloist or as part of an ensemble at the KSHSAA Regional Music Festival (April). A solid foundation of theory and history is also established through a variety of activities that help prepare students for continued success in the music program. *Second semester only.*

WIND ENSEMBLE

PA 312

Prerequisite: None

Credit: 1

Grade: 9, 10, 11, 12

The Wind Ensemble aims to provide advanced musicians the chance to extend their musical skills and perform both as an individual and in an ensemble. Students are guided through extended skill development as they learn and perform repertoire for school concerts and community events. In the second semester, the group also prepares and performs for the KSHSAA large group state festival. Aspects of advanced music theory and history will also be covered in class. Students enrolled in this class will also have the opportunity to develop their instrument-specific skills through scheduled sectional instruction sessions.

CONCERT BAND

PA 306

Prerequisite: None

Credit: 1

Grade: 9, 10, 11, 12

The SJA Concert Band aims to provide musicians with a chance to listen and perform musically, both as an individual and in an ensemble. Students are guided through personal skill development as they learn and perform repertoire for school concerts and community events. In the second semester, the group also prepares and performs for KSHSAA large group state festival. Aspects of music theory and history will also be covered in class. Students enrolled in this class will also have the opportunity to develop their instrumental specific skills through scheduled sectional instruction sessions.

CRIMSON COLLECTIVE

PA 302

Prerequisite: None

Credit: .5

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 praise & worship, blues, rock, pop and soul. Students will also learn how to arrange and create their own songs in small groups.

2nd Semester only.

ORCHESTRA

PA 502

Prerequisite: None (Violin, Viola, Cello, Double Bass, Harp and Piano) Credit: 1 Grade: 9, 10, 11, 12

The SJA String Ensemble aims to provide string musicians with a chance to listen and perform

musically, both as an individual and in an ensemble. Students are guided through personal skill development as they learn and perform solo and ensemble repertoire for school concerts and community events. In the second semester the group prepares and performs for regional and state festivals. Aspects of music theory and history will also be covered in class.

ZERO HOUR COURSES:

Students will not enroll in these zero hour courses during enrollment requests in February, but will be determined at the start of the school year

THUNDER DRUMS

PA 305

Prerequisite: None Course Code: Z Credit: .5 Grade: 9, 10, 11, 12

The Thunder Drums ensemble is a zero hour class that meets 7:00 – 7:55 am on Monday mornings. The group is a high profile ensemble both at St James and in the wider community. Students will work on rudiments, cadences, marching and general technique. It also prepares concert percussion literature for the KSHSAA Solo and Ensemble Festival in the Spring.

JAZZ BAND

PA 309

Prerequisite: None Course Code: Z Credit: .5 Grade: 9, 10, 11, 12

The Jazz Band is a zero-hour class that meets 7:30-9:00 am on Wednesday mornings. The group is a high-profile ensemble both at St. James and in the wider community. Students will develop their knowledge and performance of popular jazz and contemporary music as they prepare repertoire for concerts and festivals.

PEP BAND

PA 301

Prerequisite: None Course Code: Z Credit: 1.0 Grade: 9, 10, 11, 12

The Sound of Thunder Pep Band combines all wind, percussion, guitar and keyboard players in the department. The group meets on Wednesday during Thunder Block (Aug -Oct) to prepare music and shows for fall sporting events and community activities.

Extra Curricular Instrumental Music Ensembles

Students will not enroll in these ensembles at the time of next year enrollment in February but will be determined at the start of the school year. THESE ARE NOT CREDIT-EARNING COURSES.

MUSICAL PIT ORCHESTRA

Auditions are held in September to be part of the musical pit orchestra. The group rehearses and performs during October and November. Rehearsals meet at various times, both before and after school.

ADVANCED ORCHESTRA

The Advanced Orchestra combines the String Ensemble with experienced wind and percussion students to perform more challenging literature. This ensemble meets during Thunder Block (October, December and April) to prepare music for concerts.

CHAMBER ENSEMBLES

Students have the option to form small ensembles to prepare music for KSHSSA Solo & Ensemble Festival and/or music for Mass. These ensembles meet during Thunder Block as well as some class time (March & April). Student formed ensembles include Flute Quartet, Clarinet Choir, Saxophone Ensemble, Percussion Trio, Brass Band, Low Brass Ensemble and Brass Quintet.

Fine Art

INTRODUCTION TO DRAWING

FA 101

Prerequisite: None

Credit: .5

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. The final project is a realistic portrait drawing. *Summer course offering available.*

ADVANCED DRAWING

FA 201

Prerequisite: Intro to Drawing

Credit: .5

Grade: 9, 10, 11, 12

Students will continue to develop 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

FA 401

Prerequisite: Intro to Drawing and at least one other visual art

Credit: .5

Grade: 10, 11, 12

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.

PAINTING

FA 202

Prerequisite: Intro to Drawing

Credit: .5

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

FA 203

Prerequisite: Intro to Drawing

Credit: .5

Grade: 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

FA 403

Prerequisite: Ceramics

Credit: .5

Grade: 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.

ARCHITECTURE AND INTERIOR DESIGN

FA 204

Prerequisite: Intro to Drawing

Credit: .5

Grade: 11, 12

The student in this course will learn how to read blackline prints, draw one-point perspectives, field measure and draft their own residence. They will program and design schematics of their own “dream house” and present to the class as a final drafted project. An overview of a variety of careers in construction and design of buildings are integrated throughout the course.

INTRODUCTION TO SEWING

FA 150

Prerequisite: None

Credit: .5

Grade: 11, 12

This class will introduce students to the basics of sewing. The course includes instruction on the use and care of the sewing machine and will provide students with lifetime sewing skills. By the conclusion of this class, students will be able to sew a variety of seams, sew on buttons and make button holes, insert a zipper, hand stitch, and construct a garment using a pattern. Projects will be ones that appeal to young adults. Students will be responsible for their own basic sewing supplies and fabrics. Class size is limited to 16 students.

ADVANCED SEWING

FA 205

Prerequisite: Intro to Sewing or Instructor Approval

Credit: .5

Grade: 11, 12

This class will reinforce skills learned in Intro to Sewing. Topics covered will include garment construction, use of a serger, and basic quilting techniques. Advanced Sewing provides opportunities for student creativity and choice in terms of projects. More emphasis will be placed on different types of fabrics and fabric choices. Students will be responsible for their own basic sewing supplies and fabrics. Class size is limited to 16 students.

HISTORY OF FILM

FA 301

Prerequisite: None

Credit: .5

Grade: 11, 12

This course will allow students the opportunity to study the evolution of cinema from its foundations in the late 1800s through the end of the “New Hollywood” era in the United States in the 1970s. Students will view a variety of films both individually and as a group, while learning about film history and filmmaking techniques. Students will also investigate the external social, historical and artistic factors that influenced filmmaking throughout the past century. In doing so, students will develop their ability to evaluate a film’s artistic merit with a critical eye. *1st semester only.*

FILM THEORY AND CRITICISM

FA 302

Prerequisite: None

Credit: .5

Grade: 11, 12

This course will allow students the opportunity to explore specific topics in film history. Students will participate in in-depth studies of topics such as world cinema, directorial evolution, and narrative construction in film. Prior completion of FA301 is not required to sign up for this course, but is recommended. *2nd semester only.*

WORLD LANGUAGE DEPARTMENT

The mission of language education, while integrating the values and teachings of the Catholic Church, is to help our students broaden their knowledge of the people, practices and perspectives of other cultures in order to develop intercultural sensitivity, acceptance, and curiosity in a multicultural world. **NOTE: St. James Academy requires students take two consecutive years of the same World Language.**

If a student has been exposed (taken a language course in middle school or a bilingual or multilingual student) to one of the languages we offer, whether at home or in a classroom, we recommend they reach out to [Dr. McDonald](#).

Parents should be aware that while most universities accept American Sign Language as a world language credit, this is not the case with every university. Further information should be obtained from universities being considered.

World Language Courses	9th	10th	11th	12th
Spanish I	X	X		
Honors Spanish I	X			
Spanish II		X	X	
Honors Spanish II		X	X	X
Spanish III		X	X	X
Honors Spanish III		X	X	X
AP Spanish Language and Culture (IV)		X	X	X
Honors Spanish V			X	X
Latin I	X	X		
Honors Latin I	X			
Latin II		X	X	
Honors Latin II		X	X	
Honors Latin III			X	X
AP Latin (Honors Latin IV)			X	X
Honors Latin V				X
American Sign Language I	X	X		
American Sign Language II		X	X	
Honors American Sign Language III			X	X
Honors American Sign Language IV				X

SPANISH I

FL 101

Prerequisite: None

Course Code: KS

Credit: 1

Grade: 9, 10

This course will introduce the basics of the Spanish language. The beginning Spanish student will attain a novice level of proficiency in listening, speaking, reading, and writing. The cultures and customs of Spanish speaking countries are studied through readings, videos, and classroom activities and projects. At the end of the first level of study, students will enter either Spanish II or Honors Spanish II.

HONORS SPANISH I

FL151

Prerequisite: None

Course Code: H, KS

Credit: 1

Grade: 9

The student will be exposed to meaningful input and content while developing proficiency in Spanish. The course will spiral the AP themes. It is through input and content that learners will achieve basic grammar and vocabulary objectives, and such integration will promote critical thinking, reflection and inquiry. Authentic sources will be part of the content through which students will experience the Spanish language. The acquisition of the language will happen through a variety of activities, including written, spoken, listening, and presentational activities. Students will broaden their knowledge of the people, practices and perspectives of other cultures in order to develop intercultural sensitivity. 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

Course Code: KS

Credit: 1

Grade 10, 11

This course builds upon skills developed the first year of Spanish, extending students' ability to understand and express themselves in Spanish and increasing vocabulary. Students will learn how to engage in discourse for informational and social purposes, write short essays showing understanding of sentence structure and grammatical rules, read short stories and learn techniques to improve understanding, and communicate in the target language through conversation and presentations.

HONORS SPANISH II

FL 251

Prerequisite: Spanish I

Course Code: H, KS

Credit: 1

Grade: 10, 11

Honors Spanish II is designed to challenge the student who intends to continue his/her language studies beyond the two-year requirement. The student will be exposed to meaningful content while developing proficiency in Spanish through comprehensible input. The course will spiral all of the AP themes. It is through comprehensible input and the content, that learners will achieve increasingly complex grammar and vocabulary objectives, and such integration will promote critical thinking, reflection and inquiry. Students will experience the Spanish language through stories, music, conversation, and authentic sources. The acquisition of the language will happen through a variety of interpretive, interpersonal, and presentational activities. Students will broaden their knowledge of the people, practices and perspectives of other cultures in order to develop intercultural sensitivity.

SPANISH III

FL 300

Prerequisite: Spanish II

Course Code: H, KS

Credit: 1

Grade: 10, 11, 12

This course builds upon skills developed in the first two years of Spanish, extending students' ability to understand and express themselves in Spanish and increasing vocabulary. The course will continue to spiral the AP themes. Language will be acquired through various activities, including listening,

reading, written, spoken, and presentational activities. Students will broaden their knowledge of other cultures and peoples and their practices and perspectives to develop intercultural understanding.

HONORS SPANISH III

FL 351

Prerequisite: Spanish II

Course Code: H, KS Credit: 1

Grade: 10, 11, 12

The student will be exposed to meaningful content while developing proficiency in Spanish. The course will continue to spiral the AP themes. It is through comprehensible input and the content that learners will achieve increasingly complex grammar and vocabulary objectives, and such integration will promote critical thinking, reflection and inquiry. Students will experience the Spanish language through reading, music, conversation, critical discussion, and increasing authentic sources. The acquisition of the language will happen through a variety of activities, including listening, reading, written, spoken, and presentational activities, all of which will aid the student to paraphrase and summarize information. Students will broaden their knowledge of the people, practices and perspectives of other cultures in order to develop intercultural sensitivity.

AP SPANISH LANGUAGE AND CULTURE

FL 550

Prerequisite: Honors Spanish III

Course Code: AP, CE, KS Credit: 1

Grade: 10, 11, 12

This course follows the guidelines of the College Board AP Spanish Language and Culture course and emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The course focuses on the integration of authentic resources including online, print, audio, and audiovisual resources; as well as traditional print resources. All assessments must be completed in Spanish. Students communicate using rich, advanced vocabulary and linguistic structures as they build proficiency in all modes of communication towards the pre-advanced level. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply. Students enrolled in this course may enroll to receive college credit through Baker University. Please note, **tuition fees will apply**.

HONORS SPANISH V

FL 551

Prerequisite: AP Spanish Lang and Culture

Course Code: H, CE, KS Credit: 1

Grade: 11, 12

In this language course, students will improve their interpersonal, interpretive, and presentation skills. We will discuss current events in Spain and Latin America, articles, and novels. The course will use authentic resources including online, print, audio, and audiovisual. The course is taught exclusively in Spanish. Students will be able to understand, initiate, and sustain general conversation on topics beyond basic survival needs. Reading and writing tasks will include various verb tenses, including but not limited to basic present, past and future.

LATIN I

FL 102

Prerequisite: None

Course Code: KS

Credit: 1

Grade: 9, 10

This class introduces students to Latin, the language of the ancient Romans and the official language of the Catholic Church. Students in Latin 1 will master basic vocabulary and grammatical structures of the Latin language and begin to read, write, and translate basic Latin texts. Students will strengthen their command of English and of language in general through their study of Latin grammar and vocabulary. The course will also introduce students to the culture, history, and enduring significance of the ancient Romans, as well as the significance of Latin in the Catholic church.

HONORS LATIN I

FL152

Prerequisite: None

Course Code: H, KS

Credit: 1

Grade: 9

Honors Latin 1 students will follow the same curriculum as the regular Latin 1 classes, but will be given assignments that involve deeper engagement with the linguistic and cultural aspects of the course content in preparation for the AP Latin syllabus. Students are encouraged to enroll in the honors section of Latin 1 if they plan to take Latin beyond the second year.

LATIN II

FL 202

Prerequisite: Latin I

Course Code: KS

Credit: 1

Grade: 10, 11

In Latin 2 students continue their study of the fundamental vocabulary and grammatical structures of the Latin language. Students will further develop their skills in reading and translating Latin texts and will deepen their understanding of the culture, history, and legacy of the ancient Romans. As students master increasingly complicated Latin grammatical structures, they will learn how to apply that knowledge in order to become more skillful readers and writers of English.

HONORS LATIN II

FL 252

Prerequisite: Honors Latin I

Course Code: H, KS

Credit: 1

Grade: 10, 11

Honors Latin 2 students will follow the same curriculum as the regular Latin 2 class, but will be given assignments that will engage with the course content at a deeper level in order to prepare them for Honors Latin 3 and the AP curriculum in Latin 4. Students should enroll in Honors Latin 2 if they intend to continue in the language for a third or fourth year.

HONORS LATIN III

FL 302

Prerequisite: Latin II or Honors Latin II

Course Code: H, KS

Credit: 1

Grade: 11, 12

Students in this course will transition from their two-year, introductory study of Latin grammar and vocabulary into reading authentic Latin literature. While studying prose and poetry selections from Roman authors such as Cicero, Catullus, Julius Caesar, Ovid, and Vergil, students will gain reading proficiency in a variety of literary styles. Through their new readings, a thorough review of important grammatical concepts, and their introduction to more advanced stylistic aspects of the Latin language, students will prepare to tackle the AP Latin curriculum.

AP LATIN

FL 453

Prerequisite: Honors Latin III

Course Code: AP, KS

Credit: 1

Grade: 11, 12

This course follows the AP Latin curriculum, which takes as its primary texts Julius Caesar's *Dē Bellō Gallicō* and Vergil's *Aeneid*. Following the AP syllabus, students will read and translate selections from both texts in the original Latin, and will read the entirety of both works in translation. In order to develop their translation skills and deepen their appreciation of the primary course texts, students will read at sight selections from Caesar and Vergil from outside the AP syllabus as well as selections from other classical Latin authors. A major goal of the class is to engage with Latin texts as literature, and so considerable time will be devoted to the thematic, historical, and cultural significance of the course texts and to developing compelling literary analysis of Latin texts. Students will be introduced to the tradition of ancient epic poetry, and will learn to scan and read aloud dactylic hexameter verses. All students will take the AP Latin exam in the spring, and all appropriate exam fees will

apply. Students will have the opportunity to earn concurrent credit with Baker University; see instructor for details.

HONORS LATIN V

FL 552

Prerequisite: AP Latin

Course Code: H, KS

Credit: 1

Grade: 12

This course is intended for students who completed Latin 4 in their junior year and wish to continue their study of Latin for their own enrichment or to retake the AP Latin exam. The class experience will be tailored to the interests and needs of the students enrolled: with the advice and approval of the instructor, students will select English and Latin texts to be read over the course of the year and develop a thematic focus for the year. Latin 5 students will give presentations to lower-level Latin students on topics of historical, grammatical, or literary interest; they will consult with the instructor to determine the focus of their presentations.

AMERICAN SIGN LANGUAGE I

FL 103

Prerequisite: None

Course Code: KS

Credit: 1

Grade: 9, 10

American Sign Language I is an introductory level class. Students will demonstrate mastery of the concepts taught through presentations, projects, and interactions in class. Students will learn to use and read the manual alphabet and use and understand ASL numbers. Students will learn basic, concrete vocabulary and study basic grammar structures. Students will practice and participate in simple conversations. Students will learn about Deaf culture and how to appropriately interact within the culture through classroom activities. The Star-Spangled Banner, the Pledge of Allegiance, and various Catholic prayers and Mass responses will be taught.

AMERICAN SIGN LANGUAGE II

FL 203

Prerequisite: American Sign Language I

Course Code: KS

Credit: 1

Grade: 10, 11

American Sign Language II focuses on expanding vocabulary skills and introducing more complex grammar concepts. Class activities will focus on developing receptive and expressive skills for the purpose of gaining and sharing information and engaging in social discourse. Deaf Culture will be explored in more depth. Students will learn about Deaf people that have had an impact on our society throughout history to present day. Students will learn about hearing loss and the educational choices and options for deaf/hard of hearing students and deaf/blind students. Additional Catholic prayers will be taught.

HONORS AMERICAN SIGN LANGUAGE III

FL 303

Prerequisite: ASL II

Course Code: H, KS

Credit: 1

Grade: 11, 12

American Sign Language III focuses on receptive and expressive conversational skills. Students will communicate solely through American Sign Language during class. Students will continue to increase their vocabulary skills by focusing on more complex and abstract vocabulary through formal, instructional activities and through spontaneous social conversations. Students will build their knowledge of grammar concepts and use appropriate grammar when conversing. Students will continue to learn about deaf culture and the individuals that have had an impact on our society throughout history to present day. Students will also learn about various services and technologies available to deaf/hard of hearing people in the community and become familiar with the Americans with Disabilities Act.

HONORS AMERICAN SIGN LANGUAGE IV

FL 403

Prerequisite Honors ASL III

Course Code: H, KS Credit: 1

Grade: 12

American Sign Language IV allows students the opportunity to participate in a Senior Exploration project that permits them to volunteer in the Deaf community. This is a voluntary program and students that elect to participate in the Senior Exploration project will divide their time between the classroom and their assigned community placement. Participating in the Senior Exploration project allows students to apply their skills and allows them to use their skills in authentic situations. Students that elect not to participate in the Senior Exploration project will be provided activities in the classroom that will expand and develop their ability to converse and participate in instructional and social discourse at a normal conversational rate. Students will communicate exclusively using American Sign Language. Students will discuss ways they can stay involved in the Deaf community and use their talents to serve Deaf Catholics in the community.

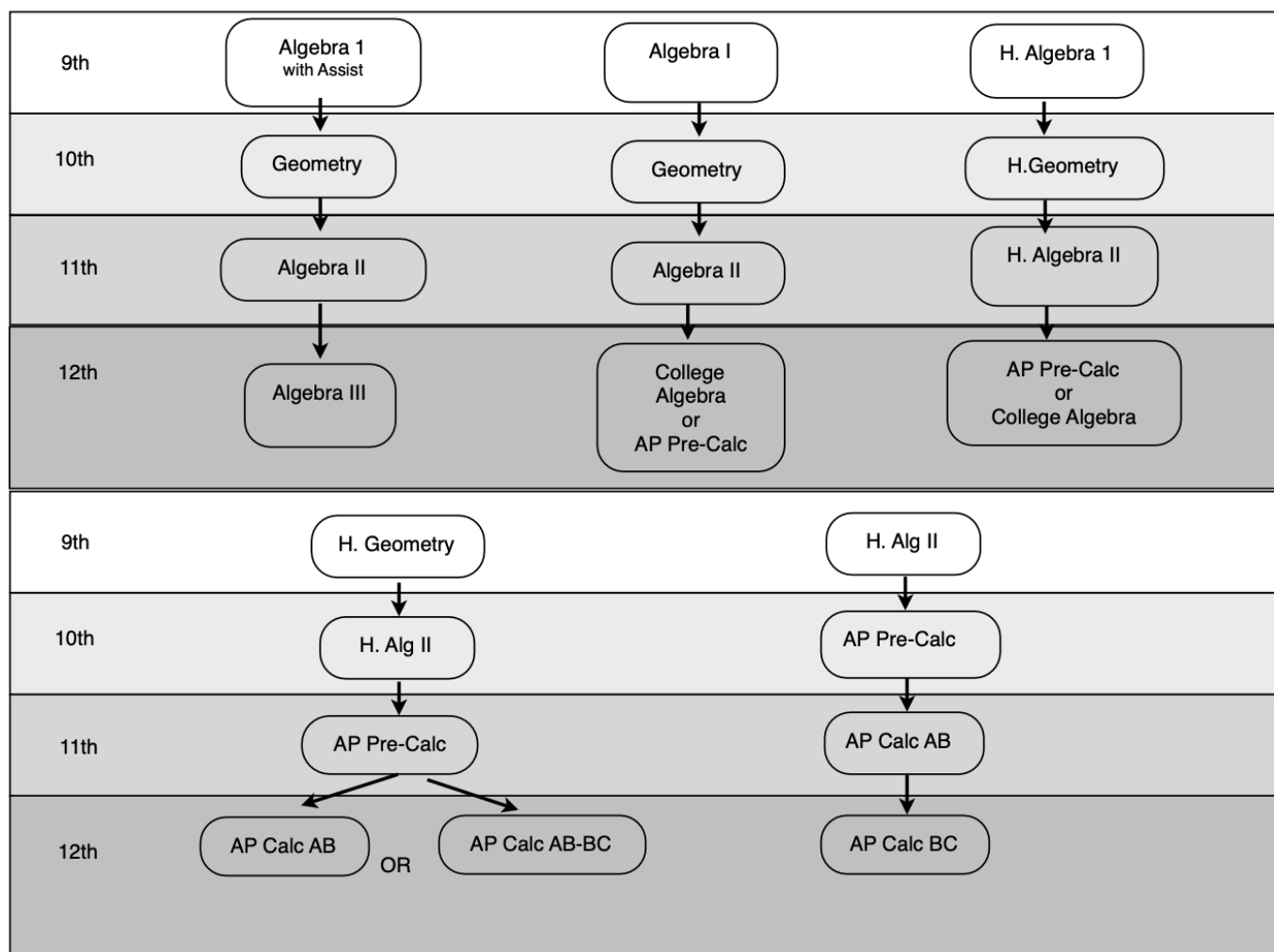
MATHEMATICS DEPARTMENT

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.

The High School Placement Test results and 8th grade math course are used to recommend the best math course sequence for each student. Algebra 1 and/or Geometry must be transcribed in order for the student to start in a more advanced math course. Courses taken outside of SJA that students wish to have transcribed must be approved by SJA administration **prior** to enrolling in those courses. Courses without **prior** approval will not be accepted.

Mathematics Courses	9th	10th	11th	12th
Math Assist	X			
Algebra I	X			
Honors Algebra I	X			
Honors Geometry 9	X			
Geometry		X		
Honors Geometry 10		X		
Transitional Algebra			X	
Algebra II		X	X	X
Honors Algebra II	X	X	X	
AP Pre-Calculus		X	X	X
Algebra III			X	X
College Algebra (JCCC QuickStep Plus)			X	X
AP Calculus AB			X	X
AP Calculus BC				X
AP Calculus AB-BC				X
AP Statistics			X	X
AP Computer Science Principles		X	X	X
AP Computer Science A			X	X

Math Department Freshmen Course Sequences - St. James Academy



ALGEBRA I

Prerequisite: None

Course Code: KS

Credit: 1

MAT 101

Grade: 9

This is a first year Algebra course in which you will learn to reason symbolically. Key content involves writing, solving and graphing linear equations, including systems of linear equations. The course also includes the study of monomial and polynomial expressions, inequalities, exponents, functions, ratio and proportion. Quadratic equations are solved by factoring and applying the quadratic formula. Algebraic skills are applied in a wide variety of problem solving situations. **In order to keep their math skills fresh and up to date, students will be required to complete summer math homework that can be found on the school website.**

MATH ASSIST - ALG I

Prerequisite: Instructor Approval

Credit: 1

MAT 103

Grade: 9

Students receive intensive instruction in specific math skills in addition to their Algebra I class. Math Assist and Algebra I are taken concurrently and credit earned in Math Assist counts as a general elective credit but will not be applied toward the minimum graduation requirement in math. This is an additional math support class and therefore does not meet Board of Regents or NCAA requirements.

HONORS ALGEBRA I

MAT 151

Prerequisite: Placement Test and Recommendation Course Code: KS, H Credit: 1 Grade: 9

This is a first year Algebra course in which you will learn to reason symbolically. Key content involves writing, solving and graphing linear equations, including systems of linear equations. The course also includes the study of monomial and polynomial expressions, inequalities, exponents, functions, ratio and proportion. Quadratic equations are solved by factoring and applying the quadratic formula. Algebraic skills are applied in a wide variety of problem-solving situations. Topics are covered in greater depth and at a faster pace than the Algebra I course. **In order to keep their math skills fresh and up to date, students will be required to complete summer math homework that can be found on the school website.**

HONORS GEOMETRY 9

MAT 221

Prerequisite: **Completed full year of Algebra I**, Placement Test and Recommendation.

Course Code: KS, H

Credit: 1

Grade: 9

This class is designed to formalize and extend students' geometric experiences from grade school and Algebra 1. The course includes an in-depth analysis of plane, solid and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Content includes logic and proof, parallel lines and polygons, similarity and congruence, trigonometry, perimeter area and volume analysis. **In order to keep their math skills fresh and up to date, students will be required to complete summer math homework that can be found on the school website.**

GEOMETRY

MAT 201

Prerequisite: Algebra I or Algebra I – Part I Course Code: KS Credit: 1 Grade: 10

This class is designed to formalize and extend students' geometric experiences from grade school and Algebra I. Topics include congruence, transformation, proof, similarity, geometric properties, geometric equations, measurement, modeling, and geometric probability. **In order to keep their math skills fresh and up to date, students will be required to complete summer math homework that can be found on the school website.**

HONORS GEOMETRY 10

MAT 331

Prerequisite: Algebra I

Course Code: KS, H

Credit: 1

Grade: 10

This class is designed to formalize and extend students' geometric experiences from grade school and Algebra 1. The course includes an in-depth analysis of plane, solid and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Content includes logic and proof, parallel lines and polygons, similarity and congruence, trigonometry, perimeter area and volume analysis. **In order to keep their math skills fresh and up to date, students will be required to complete summer math homework that can be found on the school website.**

TRANSITIONAL ALGEBRA

MAT 275

Prerequisite: Instructor Approval

Grade 11

This course reviews and extends topics from Algebra I and Geometry. Algebra topics include but are not limited to solving equations, graphing and analyzing linear functions, solving systems of equations, polynomials, and simple quadratics. Geometry topics include but are not limited to

coordinate geometry, circles in a coordinate plane, and trigonometry. PLEASE NOTE: Algebra II is a prerequisite for admission to most four-year universities, and this course does NOT fulfill that requirement.

ALGEBRA II

MAT 301

Prerequisite: Geometry

Course Code: KS

Credit: 1

Grade: 10, 11, 12

This course is designed to deepen and further develop algebraic concepts. Topics include the quadratic functions, polynomials, rational exponents and functions, exponential and logarithmic functions, probability, and a brief introduction to trigonometry. Students will also prepare for the ACT exam. **In order to keep their math skills fresh and up to date, students will be required to complete summer math homework that can be found on the school website.**

HONORS ALGEBRA II

MAT 351

Prerequisite: Geometry

Course Code: KS, H

Credit: 1

Grade: 9, 10, 11

This course is designed to deepen and further develop algebraic concepts at an honors level. Topics include the quadratic functions, polynomials, rational exponents and functions, and conic sections exponential and logarithmic functions, probability, and a brief introduction to trigonometry. Topics are covered in greater depth and at a faster pace than the Algebra II course and assessments will model the eventual AP exam. **In order to keep their math skills fresh and up to date, students will be required to complete summer math homework that can be found on the school website.**

ALGEBRA III

MAT 402

Prerequisite: Algebra II

Course Code: KS

Credit: 1

Grade: 11, 12

This course is designed for juniors and seniors who have completed Algebra II but are not ready for a College Algebra class. It is designed to help enhance students' math skills from Algebra II in preparation for a College Algebra course. Algebra III follows the JCCC College Algebra curriculum at a slower pace than College Algebra.

AP PRE-CALCULUS

MAT 450

Prerequisite: Algebra II or Honors Algebra II Course Code: KS, H Credit: 1 Grade: 10, 11, 12

This course is designed to better prepare students for college-level calculus and provide the grounding for other mathematics and science courses. AP Pre-Calculus focuses on modeling and analyzing polynomial, rational, exponential, logarithmic, trigonometric, and polar functions. The goal of this course is to prepare students to take the Advanced Placement (AP) Pre-Calculus exam. Students may earn college credit depending on the AP exam performance.

COLLEGE ALGEBRA (JCCC QUICK STEP PLUS COLLEGE ALGEBRA)

MAT 505

Prerequisite: Algebra II

Course Code: CE, KS, H Credit: 1

Grade: 11, 12

This is a course offered by Johnson County Community College at St. James Academy. It is a yearlong high school class that is equivalent to a single semester of College Algebra. This course covers the JCCC College Algebra curriculum and assessments. Objectives include: analyzing functions, systems of equations, rational functions, exponential and logarithmic functions, matrices and applications. Students enrolled in this course may also receive college credit through JCCC College Now and **JCCC tuition fees will apply.**

A JCCC math professor administers the exams on our campus during a regular class period. Quick

Step Plus College Algebra offers you the rare opportunity to retake unit exams; each of the five unit exams may be retaken once at JCCC. Only the highest score is kept. The final exam may not be retaken.

Juniors/Seniors need to qualify for Quick Step College Algebra by June 30th with one of the requirements below.

***Student enrollment requirements (please note that these are last year's requirements and are subject to be changed by JCCC):**

***Student enrollment requirements:**

1. A grade of "B" or higher in the final semester of a high school course identified as equivalent to or higher than Algebra II and an unweighted GPA of 3.25 or higher.
2. ACT math score of 20 and an unweighted GPA of 3.25 or higher.
3. ACT math score of 22 or higher.
4. Appropriate score on the Accuplacer math placement test.

AP CALCULUS AB

MAT 501

Prerequisite: AP Pre-Calculus Course Code: KS, AP Credit: 1 Grade: 11, 12

This yearlong high school class is equivalent to a single semester college Calculus I. The course will include a semester of differential calculus and one semester of integral calculus, both semesters with applications. The goal of this course is to prepare students to take the Advanced Placement (AP) Calculus AB exam. Students may earn college credit depending on their AP exam performance.

AP CALCULUS BC

MAT 506

Prerequisite: AP Calculus AB Course Code: KS, AP Credit: 1 Grade: 12

This yearlong high school class is equivalent to a single semester college Calculus II. It is designed for SENIORS who have taken AP Calculus AB during their junior year. The course will include a two-month extensive review of AP Calculus AB. Then, students will begin learning the AP Calculus BC material including: Improper Integrals; Infinite Series; and Parametric, Vector and Polar Functions. The goal of this course is to prepare students to take the Advanced Placement (AP) Calculus BC exam. Students may earn college credit depending on their AP exam performance.

AP CALCULUS AB - BC

MAT 502

Calc AB (Semester 1) and Calc BC (Semester 2) Course Code: KS, AP Credit: 1 Grade: 12

Prerequisite: AP Pre-Calculus

This yearlong high school class is a first semester of college Calculus I AND a second semester of Calculus II. It is designed for SENIORS who took Honors Precalculus during their junior year but still want to finish Calc II by the end of high school. The class will include all the Calc AB topics including differential and integral Calculus, both with applications. It will also include all the Calc BC topics including Improper Integrals, Infinite Series, and Parametric, Vector and Polar Functions. The goal of this course is to prepare students to take the Advanced Placement (AP) Calculus BC exam. Students may earn college credit depending on their AP exam performance.

AP STATISTICS

MAT 503

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

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. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply. Students enrolled in this course may also receive college credit through JCCC College Now and **JCCC tuition fees will apply**. In order to enroll in JCCC College Now students must have a passing score on the ACCUPLACER or the required ACT sub-score.

AP COMPUTER SCIENCE PRINCIPLES

TECH 504

Prerequisite: Algebra I or Instructor Approval Course Code: KS, AP Credit: 1 Grade 10, 11, 12

This AP course cultivates a logical approach to technology and an understanding of how computation can be an essential advantage in future academic and employment endeavors. While this is not a traditional programming course, students will be introduced to the fundamental concepts of computer science. The knowledge gained in this course can be applied within any field impacted by computing and technology. Students will need to apply creative, critical and analytical thinking to succeed. Students will design computer applications as part of AP's Through Course Assessment, giving you real-world development experience. This class can count as a math (4th year only) or tech credit for SJA but may or may not count as a math at the university level. **If you are taking this course for a MATH credit, you must contact the SJA Registrar's office for proper credit.* This class is approved by the NCAA for math credit. AP Comp Science courses do not count towards Math credit for KS Scholars curriculum.

All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply.

Students with demonstrated competency in programming may email clemmon@sjakeepingfaith.org to waive this course and elect to take an AP Computer Science Principles.

AP COMPUTER SCIENCE A

TECH 507

Prerequisite: Algebra II Course Code: KS, AP Credit 1 Grade 11, 12

In this full-year course requiring a strong mathematics and science background, students develop programs to solve problems using Java. Designing useful computer programs entails the development and analysis of algorithms, data structures, and typical applications. An understanding of the basic hardware and software components of computer systems and the responsible use of these systems remain an integral part of this course. This class can count as a math (4th year only) or tech credit for SJA but may or may not count as a math at the university level. **If you are taking this course for a MATH credit, you must contact the SJA Registrar's office for proper credit.* This class is approved by the NCAA for math credit. AP Computer Science courses do not count towards math credit for KS Scholars curriculum.

All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply.

Course Codes used throughout this catalog:

AP=Advanced Placement; five percentage points added to weighted cumulative GPA CE=Concurrent Enrollment course offering with JCCC H=Honors level courses; five percentage points added to weighted cumulative GPA KS=Course fulfills Board of Regents requirement Z=Zero hours-course taken outside regular school day

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.

PHYSICAL EDUCATION COURSES	9th	10th	11th	12th
Health Education	X	X		
PE - Freshman and Sophomore	X	X		
PE - Junior and Senior			X	X
Weight Training		X	X	X
Advanced Weight Training		X	X	X
Lifetime Fitness		X	X	X

HEALTH EDUCATION

Prerequisite: None

Credit: .5

Girls Only PE 105
Boys Only PE 106

Grade: 9, 10

This course is directed toward developing and improving knowledge of human anthropology and health. Health related topics and lessons will include nutrition, prevention and control of disease, injury prevention and safety, personal health, mental and emotional health, substance use, misuse, abuse and addiction, environmental health, family life and sexuality, consumer health and community health. Students will be required to write a paper and give a presentation as part of the health curriculum. *Completion of this course is a graduation requirement for the class of 2028 and class of 2029. Freshman can complete health as a "crash course".*

PE - Freshman and Sophomores

Prerequisite: None

Credit: .5

Girls Only PE 107
Boys Only PE 108

Grade: 9, 10

This course is designed for the classes of 2028 and 2029 only. This course is directed toward developing and improving fitness knowledge and abilities. The course is designed to introduce students to theory and engage in cooperative team sport activities and individual physical fitness development. Special emphasis is placed on the development of good sportsmanship and Christian behavior.

PE - Junior and Seniors

Prerequisite: None

Credit: .5

Girls Only PE 103

Boys Only PE 104

Grade: 11, 12

This course is designed for the classes of 2026 and 2027 only. This course includes items noted in Physical Education I and incorporates a health component. Health related topics and lessons will include nutrition, prevention and control of disease, injury prevention and safety, Personal health, mental and emotional health, Substance use, misuse, abuse and addiction, environmental health, family life and sexuality, consumer health and community health.

PHYSICAL EDUCATION II

Prerequisite: PE 1 or Health Ed

Credit: .5

Girls Only PE 203

Boys Only PE 204

Grade: 10, 11, 12

This course is designed to continue student's knowledge and theory learned in PE I and engage in cooperative team sport activities and individual physical fitness development. Special emphasis is placed on the development of good sportsmanship and Christian behavior.

WEIGHT TRAINING

Prerequisite: PE 1 or Health Ed

Credit: .5

PE 202

Grade: 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

Prerequisite: Weight Training

Credit: .5

PE 301

Grade: 10, 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

Prerequisite – PE 1 or Health Ed

Credit: .5

PE 401

Grade: 10, 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. All students must complete 3 units of Science. If you wish to be considered as a Kansas State Scholar, your curriculum must include at a minimum: Biology (1 credit), Chemistry (1 credit) and Physics (1 credit). Chemistry and/or Physics MUST be taken for a 4 year college bound path.

Science Courses	9th	10th	11th	12th
Biology	X			
Honors Biology	X			
Chemistry		X	X	X
Honors Chemistry		X		
Physical Science		X		
Forensic Science I			X	X
Forensic Science II			X	X
Principles of Biomedical Science			X	X
Physics			X	X
Physics - Advanced Studies				X
AP Physics I			X	X
AP Physics II				X
Anatomy and Physiology			X	X
Honors Anatomy and Physiology			X	X
AP Chemistry			X	X
AP Environmental Science			X	X
AP Biology			X	X

BIOLOGY

SC 102

Prerequisite: None

Course Code: KS

Credit: 1

Grade: 9

This course is an introduction into the study of all living things and how they interact with their environment. It includes the study of cellular structures and functions, genetics, evolution, nervous and endocrine systems and ecology. Various laboratory experiences will be included in each unit to help the students master the concepts being taught in the classroom.

HONORS BIOLOGY

SC 151

Prerequisite: Placement Test

Course Code: KS, H

Credit: 1

Grade: 9

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.

CHEMISTRY

SC 201

Prerequisite: Biology & Algebra I

Course Code: KS

Credit: 1

Grade: 10, 11, 12

This course presents the fundamental theories and concepts of chemistry, starting with a study of matter and atomic structure and continues through areas of computational chemistry equations, solutions and chemical reactions. Student laboratory experiments serve as a basis for deriving many basic chemical principles.

HONORS CHEMISTRY

SC 252

Prerequisite: Biology and Algebra I

Course Code: KS, H

Credit: 1

Grade: 10

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.

PHYSICAL SCIENCE

SC 300

Prerequisite: Biology

Course Code: KS

Credit: 1

Grade: 10

This course is designed to help students develop the skills necessary to succeed in future science courses. Students will develop an understanding of basic concepts of chemistry and physics. Classroom activities serve as basics for improving math, science and inquiry skills needed for further study in science.

ANATOMY & PHYSIOLOGY

SC 401

Prerequisite: Chemistry

Course Code: KS

Credit: 1

Grade: 11, 12

This year-long, advanced life science course is designed to provide an opportunity to investigate the human body, its structure and function. Topics covered will include the basic organization of the body and major body systems along with the impact of diseases on certain systems. Students will examine how the human body reacts to external stimuli throughout everyday life. Regular classroom work will be enhanced by using the Anatomy in Clay model system.

HONORS ANATOMY & PHYSIOLOGY

SC 402

Prerequisite: Chemistry

Course Code: KS, H

Credit: 1

Grade: 11, 12

This year-long, advanced biology course is designed to provide an opportunity to investigate the human body, its structure and function. Topics covered will include the basic organization of the body and major body systems along with the impact of diseases on certain systems. Students will examine how the human body reacts to external stimuli throughout everyday life. Regular classroom work will be enhanced by using the Anatomy in Clay model system. Honors students should be prepared to bring an extra level of enthusiasm to this class! Honors students will have a unique enrichment assignment or an extension to an assignment for every unit. These assignments will

require extra reading, writing and will provide an opportunity for more creative expression. There are additional questions on summative assessments, some of which are subjective and require longer, written responses. The honors tests will not be curved.

FORENSIC SCIENCE I

SC 307

Prerequisite: None

Credit .5

Grade: 11, 12

This course gives students an overview of key topics in forensic science. This includes an introduction to investigation and evidence collection. Students will study and learn to analyze hair, fibers, fingerprints, DNA. The course will conclude in learning how to calculate time of death through body temperature and entomology and also how to state manner, mechanism and cause. Through short lectures, labs, and projects, students will get an understanding of what goes on behind the scenes in a forensic science lab and how each piece of evidence is analyzed and used to solve crimes.

FORENSIC SCIENCE II

SC 310

Prerequisite: None

Credit .5

Grade: 11, 12

This course gives students an overview of key topics in forensic science. Forensic Science II is meant to be a continuation of Forensic Science I but you do not need to take Forensic Science I in order to take this course. This course will include blood analysis both typing and blood spatter, forensic toxicology, handwriting analysis, forgery, and counterfeiting, glass analysis, casts and impressions, and conclude with firearms and ballistics. Through short lectures, labs, and projects, students will get an understanding of what goes on behind the scenes in a forensic science lab and how each piece of evidence is analyzed and used to solve crimes.

PRINCIPLES OF BIOMEDICAL SCIENCE

SC 309

Prerequisites: Chemistry

Credit .5

Grade 11, 12

Health Science courses integrate chemistry, microbiology, chemical reactions, disease processes, growth and development, and genetics with anatomy and physiology of the body systems. This course gives students a brief look into main topics covered in health care majors. These include studying and understanding common molecules and reactions in organic chemistry, energy cycles of the body on the molecular level in biochemistry, a deeper look into genetics, and study of diseases. Students will apply their science, mathematics, communications, and research skills as they relate to health care sciences.

PHYSICS

Course Code: KS

Credit: 1

SC 301

Grade: 11, 12

Prerequisite: Chemistry and completed or concurrent enrollment in Algebra II.

This course will provide an overview of the basic topics in physics. These topics will include kinematics, mechanics, energy, 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. Students can take either Physics or AP Physics but not both.

PHYSICS - ADVANCED STUDIES

SC 404

Prerequisite: Physics or AP Physics Course Code: KS

Credit: .5

Grade: 12

Physics - Advanced Studies is a continuation of the Physics curriculum. This course will provide instruction in laws of conservation, thermodynamics, and kinetics; wave and particle phenomena; electromagnetic fields; and fluid dynamics. *Offered first semester only.*

SC 503**AP PHYSICS I**

Course Code: KS, AP

Credit: 1

Grade: 11, 12

Prerequisite: Chemistry and completed or concurrent enrollment in Algebra II.

AP Physics is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, power and mechanical waves, and fluid dynamics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. This is equivalent to one semester of freshman college physics. Some out-of-school meeting time may be required to fulfill the lab requirement of the AP program. This course will prepare students to take the AP Physics I Exam. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply.

All students taking AP Physics are required to complete a review packet over the summer prior to the start of the course. This homework packet is designed to help the student review material that was learned in prerequisite classes, specifically Algebra 1, Geometry, and Algebra 2. The material is necessary for the student to successfully begin the AP Physics course that he/she has chosen. Review packets will be administered to students during a mandatory AP Physics introduction meeting, to be held at a pre-announced date during the preceding May. Students should set aside a total of 8-10 hours during the summer for completion of this review homework.

SC 504**AP PHYSICS II**

Course Code: KS, AP

Credit: 1

Grade: 12

Prerequisite: AP Physics I and Completed or Concurrent Enrollment in Pre-Calculus

AP Physics II presents the fundamental ideas, theories, and concepts typically included in the second semester of an algebra-based, introductory college-level physics sequence and provides students with enduring understandings to support future advanced course work in the sciences. Through inquiry-based learning, students will develop critical thinking and reasoning skills, as defined by the AP Science Practices. Topics will include fluid dynamics, thermodynamics, electricity, magnetism, optics, and modern physics. The laboratory component of the course emphasizes inquiry-based investigations that provide students with opportunities to demonstrate and reinforce foundational physics principles learned in this course. This course will prepare students to take the AP Physics II Exam. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply.

AP CHEMISTRY**SC 501**

Prerequisite: Chemistry & Algebra II

Course Code: KS, AP, CE

Credit: 1

Grade: 11, 12

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, tests, quizzes, projects, papers and outside research. This is equivalent to freshmen college chemistry. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply. Students enrolled in this course may also receive college credit through JCCC College Now and **JCCC tuition fees will apply**. In order to enroll in JCCC College Now students must have a passing score on the ACCUPLACER placement test or the required ACT sub-score of 23 or higher. 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.

All students taking AP Chemistry are required to complete a review packet prior to the start of the course. This homework packet is designed to help the student review material that was learned in prerequisite science classes, specifically regular or Honors Chemistry. The material is necessary for the student to successfully begin the AP Chemistry course that he/she has chosen. Review packets will be administered to students during a mandatory AP Chemistry introduction meeting, to be held at a pre-announced date during the preceding May. Students should set aside a total of 10-12 hours during the summer for completion of this review homework with a test requirement prior to the first day of class.

AP ENVIRONMENTAL SCIENCE

SC 505

Prerequisite: Chemistry

Course Code: KS, AP Credit: 1

Grade: 11, 12

The AP Environmental Science course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze natural and human-induced environmental problems. Students will learn how to assess the risks associated with these problems and evaluate solutions for resolving and preventing them.

Students will study biodiversity, ecology, populations, land and water use, energy resource and consumption, atmospheric pollution, aquatic and terrestrial pollution and global change. Students will be engaged in hands-on, inquiry based labs and field investigations. Classroom work, laboratory work, and field work are all essential in preparation for the AP exam. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply.

AP BIOLOGY

SC 502

Prerequisite: Chemistry

Course Code: KS, AP Credit: 1

Grade: 11,12

The AP Biology course conforms to the standards instituted by the College Board Advanced Placement for Biology and covers all of the topics in the *AP Biology Course Description*. AP Biology is the equivalent of a one-year college or university course in biology, taught within the parameters of high school. Students explore the question, *How do we know what we know?* by investigating six topic areas: the chemistry of life, cells, cell processes (energy and cell communication), genetics, evolution, and biodiversity and ecology. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply.

All the above topics are integrated throughout the course using the four Big Ideas and Seven Science Practices presented in the course syllabus. This is a college level course that emphasizes a comprehensive understanding of biology through the use of technology, college textbooks, lectures, laboratory investigations, and examinations. A summer lecture series consisting of four lectures will be required to watch and thoroughly understand in preparation for an exam at the beginning of the fall semester. This summer series will be completed at your own pace the summer prior to the class.

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.

Noted below are the required Social Studies courses by year. If students would like, they may also take additional courses in the Social Studies area which will serve as Social Studies electives.

Competitive colleges may require 4 credits of Social Studies.

Social Studies Courses	9th	10th	11th	12th
World Studies	X			
Philosophy		X		
US History			X	
AP US History			X	
Government				X
AP US Government				X
World War II/Holocaust		X	X	X
Sociology		X	X	X
Psychology		X	X	X
Ancient Civilizations		X	X	X
History of the Cold War		X	X	X
Economics			X	X
Western Civilization II			X	X

WORLD STUDIES

SS 102

Prerequisite: None

Credit: 1

Grade: 9

This course uses an investigative method to introduce students to the seven cultural regions of the world. 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.

PHILOSOPHY

SS 203

Prerequisite: World Studies

Credit: 1

Grade 10

Philosophy introduces students to the discipline of philosophy as a way to analyze the principles underlying conduct, thought, knowledge, and the nature of the universe. Units of formal logic, anthropology, and natural philosophy will be the main focus of this course.

US HISTORY

SS 301

Prerequisite: Western Civilization (or Philosophy)

Credit: 1

Grade: 11

Students in US History will explore US History after reconstruction, with a particular emphasis on the events of the early and mid-20th Century. The course explores the relationship between social, political, economic, and international affairs. Emphasis is placed on the changing trends in 20th-Century American culture.

AP US HISTORY

SS 352

Prerequisite: Western Civilization (or Philosophy) Course Code: KS, H, AP Credit: 1 Grade: 11

The AP U.S. History course focuses on developing students' understanding of American history from approximately 1491 to the present. Students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places. This course will prepare students to take the AP Exam. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply.

AMERICAN GOVERNMENT

SS 401

Prerequisite: US History or AP US History

Course Code: KS

Credit: .5

Grade: 12

American Government is a required course that will examine the foundations of government, the Constitution, political behavior, and the three major branches of our government. The course focuses on how individuals and groups interact with their government by practicing the principles of democracy. A strong emphasis will be placed upon basic concepts, language and skills needed to understand the world of government and how they interrelate in the various types of governmental systems.

AP US GOVERNMENT AND POLITICS

SS 452

Prerequisite: US History or AP US History

Course Code: KS, AP

Credit: .5

Grade: 12

American Government is a political science course for students who wish to be academically challenged and plan to take the AP exam in the spring. Students will examine the institutions, groups, beliefs, and ideas that make up the American government. Particular emphasis is given to a political understanding of government, with a critical eye to the role that the people play in the process. Reading materials are more extensive and challenging. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply.

WWII/HOLOCAUST

SS 306

Prerequisite: None

Credit: .5

Grade: 10, 11, 12

This elective will take a much closer look at WWII and the Holocaust. Covering roughly from 1914 to the present day, the course discusses WWII's origin war, World War I; it describes Hitler's rise to power and the Japanese military's takeover of their government; what the democracies were doing at the time; and it culminates in the greatest conflict the world has ever known. Finally, the course

describes German denazification; the birth of the Cold War from the ashes of the Allies; and more recent genocides and aftershocks of World War II.

SOCIOLOGY

SS 308

Prerequisite: None

Credit: .5

Grade 10, 11, 12

This elective 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

SS 0309

Prerequisite: None

Credit .5

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.

ANCIENT CIVILIZATIONS

SS 304

Prerequisite: None

Credit .5

Grade 10,11,12

This elective course is designed to help students gain a better understanding of ancient civilizations and how they have established important foundations for our world today. Our government, laws, international relations, technological advancements, etc. are all better understood when we examine how they are rooted in the civilizations of the past. Some of the civilizations that will be taught include the following: Ancient Mesopotamia/Egypt, Ancient Greece and the Ancient Roman Empire.

HISTORY OF THE COLD WAR

SS 309

Prerequisite: None

Credit .5

Grade 10, 11, 12

The Cold War nearly ended the world. For 50 years, America and Russia fell into a struggle for dominance that became world-wide. No nation was left untouched. From its origins in 1917 with the Russian Revolution, to the temporary alliance of the enemies during World War II, to the many proxy wars of 1945 to 1990--for example, the Korean, Vietnam, and Russian-Afghanistan War of 1979-1989.

This class will discuss the many battlefields: technological, propaganda, cultural, and actual bloodbaths that constitute this history. The elective course ends on an astonishingly happy note with the collapse of the Soviet Union, which set off a worldwide decade of peace and democracy.

ECONOMICS

SS 402

Prerequisite: None

Credit: .5

Grade: 11, 12

This elective 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.

WESTERN CIVILIZATION II: IDEAS HAVE CONSEQUENCES

SS 320

Prerequisite: Western Civilization

Credit: .5

Grades: 11, 12

The theme of this class is best expressed by C.S. Lewis in the *Abolition of Man* "For the wise men of old the cardinal problem had been how to conform the soul to reality, and the solution had been knowledge, self-discipline, and virtue. For magic and applied science alike the problem is how to subdue reality to the wishes of men: the solution is a technique". While Western Civilization looked at the more classical approach of philosophy and civilization in general as humans conforming their souls to reality, this class will investigate the sources that promulgate the opposite view which is modern man's conquest of nature. We will compare the *Logos*-centric philosophies vs the *Logos*-less philosophies and the difference this makes in everyday experience. In Metaphysics with the denial of universal essences, in epistemology with the separation of empiricism vs rationalism, and in ethics with a denial of the good which is replaced by freedom. The goal is to show how the errors of certain philosophies have led to dead ends and propose some true philosophies as doorways to the transcendent.

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BUSINESS AND COMPUTER SCIENCE 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.

Business and Technology Courses	9th	10th	11th	12th
Intro to Computer Science	X	X	X	X
Digital Applications & Design	X	X	X	X
Digital Imaging	X	X	X	X
Web Design	X	X	X	X
Podcasting		X	X	X
AP Computer Science Principles	X	X	X	X
AP Computer Science A			X	X
Intro to Business		X	X	X
Financial Literacy		X	X	X
Marketing		X	X	X
Entrepreneurship		X	X	X

INTRODUCTION TO COMPUTER SCIENCE

TECH 102

Prerequisite: None

Credit: .5

Grade: 9, 10, 11, 12

This course is designed to provide the student with an understanding of the Computer Science field. Students will learn and use the iterative design process (define, plan, try, and reflect) early in the course. Students will explore various coding languages (both block and text based) and platforms to solve current problems using computers. Additionally, students will improve their computer skills with word processing, spreadsheets, typing, presentations, with a focus on Google Suite for Education and digital citizenship programs. **Students with demonstrated competency in programming may obtain teacher recommendation to waive this course and elect to take an AP Computer Science Principles.**

DIGITAL APPLICATIONS & DESIGN

TECH 200

Prerequisite: Intro to Computer Science

Credit: .5

Grade: 9, 10, 11, 12

Students will expand on their current knowledge of Web Design, Digital Imaging, and programing. This course will focus on a semester-long portfolio that will be student created. Emphasis will also be placed on hands-on activities, creative thinking and problem solving. This class is a necessity for all young men and women looking to advance in today's technological society.

DIGITAL IMAGING

TECH 201

Prerequisite: Intro to Computer Science

Credit: .5

Grade: 9, 10, 11, 12

This course will introduce students to graphic design, photo editing, and layout considerations for various production media. Students will study design principles and be introduced to computer imaging and graphics creation using Adobe Photoshop CC. Students will learn and demonstrate an understanding of digital literacy throughout the semester.

WEB DESIGN

TECH 203

Prerequisite: Intro to Computer Science

Credit: .5

Grade: 9, 10, 11, 12

This course will focus on the design and development techniques for the programming of web pages. Web programming for Internet development is taught using HTML, CSS, and JavaScript. Students will develop strong problem solving and analytical skills.

PODCASTING

TECH 305

Prerequisite: Intro to Computer Science

Credit: .5

Grade: 10, 11, 12

Students will learn basic digital audio skills to help them develop creative audio stories in a range of forms (educational, athletic, documentary, fictional, poetic, historical, etc.) and explore how to frame and structure a podcast episode. Students will collaborate in small groups to create their episodes, and workshop their projects with guest podcast producers and sound artists. The semester's work will be to produce, record, and edit a 6-part podcast with original artwork and music.

AP COMPUTER SCIENCE PRINCIPLES

TECH 504

Prerequisite: Algebra I

Course Code: KS, AP

Credit 1

Grade 10, 11, 12

This AP course cultivates a logical approach to technology and an understanding of how computation can be an essential advantage in future academic and employment endeavors. While this is not a traditional programming course, students will be introduced to the fundamental concepts of computer science. The knowledge gained in this course can be applied within any field impacted by computing and technology. Students will need to apply creative, critical and analytical thinking to succeed. Students will design computer applications as part of AP's Through Course Assessment, giving you real-world development experience. This class can count as a math or tech credit for SJA but may or may not count as a math at the university level. **If you are taking this course for a Math credit, you must contact the SJA Registrar's office for proper credit.* This class is approved by the NCAA for math credit. AP Computer Science courses do not count towards Math credit for KS Scholars. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply.

AP COMPUTER SCIENCE A

TECH 507

Prerequisite: Algebra II

Course Code: KS, AP

Credit 1

Grade 11, 12

In this full-year course requiring a strong mathematics and science background, students develop programs to solve problems using Java. Designing useful computer programs entails the development and analysis of algorithms, data structures, and typical applications. An understanding of the basic hardware and software components of computer systems and the responsible use of these systems remain an integral part of this course. This class can count as a math or tech credit for SJA but may or may not count as a math at the university level. **If you are taking this course for a Math credit, you must contact the SJA Registrar's office for proper credit.* This class is approved by the NCAA for math credit. AP Computer Science courses do not count towards math credit for KS Scholars. All Advanced Placement students will take the AP exam in the spring. AP exam fee will apply.

Business Courses

INTRO TO BUSINESS

BUS 101

Prerequisite: Intro to Computer Science

Credit: .5

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 study basic knowledge of Budgeting, Investing, Credit, Personal Finance, Accounting, Entrepreneurship, and Economics. This course will fulfill a technology credit.

FINANCIAL LITERACY

BUS 201

Prerequisite: None

Credit: .5

Grade 10,11,12

Financial Literacy is a one-semester course. The course is designed to give students the financial management skills they will need for the rest of their lives. Students will explore: budgeting, several life-long plans; the best methods of time management, getting hired, getting promoted, career options, paying for college (preferably without debt), cars, houses, insurance, negotiation, investing, how to start a side business, and the habits of highly effective people. *This is a graduation requirement for the class of 2028 and beyond.*

MARKETING

BUS 203

Prerequisite: None

Credit: .5

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

BUS 401

Prerequisite: Intro to Computer Science

Credit: .5

Grade: 10, 11, 12

This course is an introduction to the world of business creation and ownership. During the semester, students will hear from real entrepreneurs in our community, create their own side business, and conduct an interview with a local business owner. A hands-on, project based approach will be taken as students work through real world situations. This course may be repeated for credit.

Course Codes used throughout this catalog:

AP=Advanced Placement; five percentage points added to weighted cumulative GPA CE=Concurrent Enrollment course offering with JCCC H=Honors level courses; five percentage points added to weighted cumulative GPA KS=Course fulfills Board of Regents requirement Z=Zero hours-course taken outside regular school day
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STUDENT OUTREACH CLASSES

Student Outreach Courses	9th	10th	11th	12th
Class Mentor I			X	X
Class Mentor II			X	X
Leadership in Community and Service			X	X
Campus Ministry				X
Genius of Women			X	X
Authentic Masculinity			X	X
College Explorations - ACT Prep Fall			X	
College Explorations - ACT Prep Spring			X	
SJA Strong Leadership Team			X	X
Discernment and Career Exploration			X	X
Spark Plug / Study Hall			X	X

CLASS MENTOR I

Prerequisite: None

Credit: .5

GS 112

Grade 11, 12

Class mentors have a classroom leadership role. Students selected to be class mentors are role models who take initiative, interact easily with others, problem-solve, and can academically assist students in a variety of subject areas. Class mentors' responsibilities include but are not limited to guiding small groups, working one-on-one with a student, helping students with organization, task attention, task completion, note-taking, and test preparation. Class mentors are asked to commit to the full semester with schedule changes strongly discouraged. *If this course is selected, the student services department will contact the student regarding the application, teacher recommendation, and training process.*

CLASS MENTOR II

Prerequisite: Class Mentor I

Credit: .5

GS 113

Grade 11, 12

Class mentors have a classroom leadership role. Students selected to be class mentors are role models who take initiative, interact easily with others, problem-solve, and can academically assist students in a variety of subject areas. Class mentors' responsibilities include but are not limited to guiding small groups, working one-on-one with a student, helping students with organization, task attention, task completion, note-taking, and test preparation. Class mentors are asked to commit to the full semester with schedule changes strongly discouraged. *If this course is selected, the student services department will contact the student regarding the application, teacher recommendation, and training process.*

LEADERSHIP IN COMMUNITY AND SERVICE

Prerequisite: None

Credit .5

LD 401

Grade: 11, 12

This semester-long course is designed as an apprenticeship in planning and organization for

community building and service. Projects include administrative assistance for Mission Days, coordinating Serve Day, helping with other events within the Community/House System, and more. This course is open to incoming juniors and seniors. Limited spots available. Course can be repeated for credit.

CAMPUS MINISTRY

LD 402

Prerequisite: None

Credit: 1

Grade: 12

This class seeks to accompany students in their discipleship with Jesus through developing an interior life rooted in daily prayer, the sacraments, and receptivity of the Gospel. Students will gain a deeper understanding of their identities, how Jesus is a part of their story, and the promise of healing found in a life centered around Christ. From this place of relationship & identity, students will learn the practicals of boldly evangelizing in their lives as a missionary disciple and answering the call to fulfill the Great Commission.

GENIUS OF WOMEN

LD 300

Prerequisite: None

Credit: .5

Grade: 11, 12

Genius of Women explores the dignity and vocation of women from a catholic worldview. Various topics include forming virtuous and healthy friendships and relationships, a study of female saints and women of the Bible, and discussing the attributes of femininity through Embracing Edith Stein by Anne Costa, John Paul II's papal encyclical Mulieris Dignitatem, and various other supplemental materials. Special focus is devoted to the way the Catholic Church responds in defense of women throughout history and today, especially when her dignity is under attack by modern secular feminism. Stemming from the junior theology course, Life in Christ, Genius of Women takes a deeper look into femininity and practical, virtuous living as Catholic women in today's society. This course is open to all junior and senior students and is considered an elective credit course.

AUTHENTIC MASCULINITY

LD 305

Prerequisites: None

Credit: .5

Grade: 11, 12

This class seeks to provide practical lessons on authentic masculinity with an emphasis on servant leadership and sacrificial love, set within a unit framework of the stories of modern male saints. Students will read a letter examining the need for good men in the modern world, supplemented by poetry, novels, spiritual writing, and movies that deal with the topic of masculinity. Alongside their contemplation of masculinity and their role in the world, students will learn various practical skills that prepare them for manhood. Examples may include: conversation tactics, using tools correctly, and changing diapers.

COLLEGE EXPLORATIONS – ACT Prep - Fall

LD301A

Prerequisite: Algebra 2

Credit: .5

Grades: 11

Preparing thoroughly for the college admission process takes deliberate, time-intensive initiative. This class will offer students a chance to explore future interests as well as prepare for standardized tests. Students will spend the bulk of their time learning strategies and reviewing content related to taking the ACT. Students will practice with actual ACT tests to improve their performance. Students should plan to take the December ACT test if possible. The class will also include interest inventories, career exploration, college resume writing, and an introduction to the college selection and admission process. Students are required to go on an individual college visit that they will set

up through a university of their choice. A fee will be charged to each student to cover test preparation materials that he or she will keep to review for future standardized tests.

COLLEGE EXPLORATIONS – ACT Prep -Spring

LD301B

Prerequisite: Concurrently enrolled in Algebra 2

Credit: .5

Grades: 11

Preparing thoroughly for the college admission process takes deliberate, time-intensive initiative. This class will offer students a chance to explore future interests as well as prepare for standardized tests. Students will spend the bulk of their time learning strategies and reviewing content related to taking the ACT. Students will practice with actual ACT tests to improve their performance. Students should plan to take the June ACT test if possible. The class will also include interest inventories, career exploration, college resume writing, and an introduction to the college selection and admission process. Students are required to go on an individual college visit that they will set up through a university of their choice. A fee will be charged to each student to cover test preparation materials that he or she will keep to review for future standardized tests.

SJA STRONG LEADERSHIP TEAM

LD404A 404B

Prerequisite: SJA Strong Peer Leader

Credit: .5

Grade: 11, 12

This class may be taken Fall, Spring or both semesters. It will focus on supporting school wide campaigns focused on subjects such as personal character development, mental health awareness, digital citizenship and social relationships. Students who have a desire to learn about the world of counseling work as a team with the SJA Strong adult mentors to complete tasks set forth by the SJA Strong program including but not limited to: monthly awareness campaigns, health and wellness, and classroom/school presentations. This position would require students interested to fill out the application and be approved by the SJA Strong adult mentors to enroll in the class. This course can be taken multiple semesters.

DISCERNMENT AND CAREER EXPLORATION

LD411

Prerequisite: None

Credit: .5

Grade: 11, 12

This class is intended for students 1) to learn the skill of discerning God's plan for their lives and the presence of charisms; 2) to develop essential skills (sometimes called "soft" skills) in any workplace, responsibility (sometimes called "adulting"), and virtue; 3) to gain experience in career fields through guest speakers, field trips, and job shadowing experiences; and 4) to reflect on how it all fits together. Students will be able to explore multiple career fields of their choice in the same semester. Students must provide their own transportation to job shadowing experiences.

SPARK PLUG / STUDY HALL

STUHALL-SP

Prerequisite: Training will be required

Grade 11, 12

Do you want to help your peers in the Spark Center during half of your study hall? Do you excel and enjoy your English, Mathematics, and Science classes? Then this opportunity is for you! Spark Plugs will staff the Spark Center for a 40 minute session during your study hall - you will have the other 40 minutes as a Study Hall. Students will help others individually or in groups, provide constructive feedback on Spark Assignments, and/or complete Spark tasks assigned by teachers. This is not a grade earning class - there are 4 stipend opportunities. Once this option is selected, you will be contacted by Mrs. Hendrix to complete an application.

ACADEMIC SUPPORT

Academic Support Courses	9th	10th	11th	12th
Guided Studies I	X			
Guided Studies II		X	X	X
Academic Foundations	X	X	X	X
Life Skills Communication	X	X	X	X

GUIDED STUDIES I

GS 100

Prerequisite: HSPT

Credit: 1

Grade 9

Guided Studies is Multi-Tiered Systems of Support intervention class designed to assist students in their acquisition of executive functioning skills that will be needed for high school at St. James Academy and in their life beyond high school. This class is recommended for freshmen who demonstrate a need or a desire to develop skills in the areas of organization, time management, effective communication, prioritization, and study skills. The class includes direct instruction, action planning, strategy implementation, and when applicable allotted time for task completion.

GUIDED STUDIES II

GS 101

Prerequisite: Teacher Recommendation

Credit: 1

Grades 10, 11, 12

Guided Studies is Multi-Tiered Systems of Support intervention class designed to assist students in their acquisition of executive functioning skills that will be needed for high school at St. James Academy and in their life beyond high school. This class is recommended for sophomores or juniors and seniors who demonstrate a need or a desire to develop skills in the areas of organization, time management, effective communication, prioritization, and study skills. The class includes direct instruction, action planning, strategy implementation, and when applicable allotted time for task completion.

GUIDED STUDIES III

GS 116

Prerequisite: Teacher Recommendation

Credit: 1

Grades 11, 12

Guided Studies is Multi-Tiered Systems of Support intervention class designed to assist students in their acquisition of executive functioning skills that will be needed for high school at St. James Academy and in their life beyond high school. This class is recommended for juniors and seniors who demonstrate a need or a desire to develop skills in the areas of organization, time management, effective communication, prioritization, and study skills and who are at risk in the academic setting without support. The class includes direct instruction, action planning, strategy implementation, and when applicable allotted time for task completion.

ACADEMIC FOUNDATIONS

GS 109, 110

Prerequisite: Teacher Recommendation

Credit: 1

Grade 11, 12

Academic Foundations is a Multi-Tiered System of Support Intervention class. Instructional support will be provided to reinforce foundational reading and writing skills that are needed to successfully complete work assigned in the student's current classes. Targeted skills for reinforcement may

include executive functioning skills, reading fluency, reading comprehension, grammar, vocabulary, and written expression.

Life Skills Communication

GS 117

Prerequisite: Teacher Recommendation

Credit: 1

Grade 9, 10, 11, 12

Life skills focuses on teaching practical skills beyond academics, like effective communication, problem-solving, critical thinking, decision-making, and managing personal finances to empower young people to solve problems and make informed decisions.

LIST OF ELECTIVES

Class of '26 and '27 Elective Graduation Requirements:

Fine/Performing Art 1.0 credit Technology 1.0 credit PE 1.0 credit Speech .5 credit

Class of '28 and '29 Elective Graduation Requirements:

Fine/Performing Arts 1.0 credit Computer Science .5 credit Health .5 credit PE .5 credit
Communications .5 credit Financial Literacy .5 credit

*all electives are .5 credit (1 semester) unless otherwise designated

English

Creative Writing I

Creative Writing II

Performing Arts

Drama I

Drama II

Concert Choir 1.0

Vocal Thunder 1.0

A Capella Choir 1.0

Chamber Singers 1.0

Sorelle 1.0

Intro to Popular Music

Music Technology

Music Theory

Percussion Ensemble

Concert Band 1.0

Crimson Collective

Orchestra 1.0

Thunder Drums

Jazz Band

Pep Band

Repertory Theatre

Communications (all count towards .5 required speech/communications credit)

[Intro to Rhetoric \(speech\)](#)

[Introduction to Policy Debate](#)

[Advanced Policy Debate](#)

[Speech and Drama Performance](#)

[Media Arts - Video Production I](#)

[Media Arts - Video Production II](#)

[Media Arts - Video Production III](#)

[Broadcast Production \(Thunder Broadcasting\)](#)

[Yearbook](#) 1.0

[Yearbook Design](#)

Fine Arts

[Introduction to Drawing](#)

[Advanced Drawing](#)

[Advanced Art](#)

[Painting](#)

[Ceramics](#)

[Advanced Ceramics](#)

[Architecture and Interior Design](#)

[Introduction to Sewing](#)

[Advanced Sewing](#)

[History of Film](#)

[Film Theory and Criticism](#)

Math

[AP Statistics](#) 1.0

[AP Computer Science Principles](#) 1.0

[AP Computer Science A](#) 1.0

Physical Education

[Health Education](#)

[Physical and Health Education I](#)

[Physical and Health Education II](#)

[Weight Training](#)

[Advanced Weight Training](#)

[Lifetime Fitness](#)

Science

[Forensic Science I](#)

[Forensic Science II](#)

[Principles of Biomedical Science](#)

[Physics - Advanced Studies](#)

Social Studies

[WWII/Holocaust](#)

[Sociology](#)

[Psychology](#)
[Ancient Civilization](#)
[History of the Cold War](#)
[Economics](#)

[Business and Technology](#)

[Introduction to Computer Science](#)
[Digital Applications & Design](#)
[Digital Imaging](#)
[Fundamentals of Digital Marketing](#)
[Web Design](#)
[Podcasting](#)
[Introduction to Business](#)
[Financial Literacy](#)
[Marketing](#)
[Entrepreneurship](#)

[Student Outreach Classes](#)

[Class Mentor](#)
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SUMMER COURSE OFFERINGS

\$300 per course

Summer Enrollment should be completed during the enrollment process Feb 19-26, 2025.

INTRODUCTION TO DRAWING (Summer In-person Course) (.5 credit) FA 101S

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. The final project is a realistic portrait drawing.

- July 14 - August 1
- Classes meet Monday- Friday, noon to 3:00pm

INTRO TO COMPUTER SCIENCE (Summer Online Course) (.5 credit) TECH 102S

This is a work at your own pace course. Course work will be available to students on June 2nd, 2025 and must be concluded by July 18, 2025. Incoming freshmen will not pick up their laptops until the start of the school year; however, students will need access to a home computer to complete this course. This course is designed to provide the student with an understanding of the Computer Science field. Students will learn and use the iterative design process (define, plan, try, and reflect) early in the course. Students will explore various coding languages (both block and text based) and platforms to solve current problems using computers. Additionally, students will improve their computer skills with word processing, spreadsheets, typing, and presentations, with a focus on Google Suite for Education and digital citizenship programs. Students will receive their SJA student email address to use during this course.

Students with demonstrated competency in programming may email clemmon@sjakeepingfaith.org to waive this course and elect to take an AP Computer Science Principles.

DIGITAL APPLICATIONS AND DESIGN (Summer online course) (.5 credit) TECH 200S

This is a work at your own pace course. Course work will be available to students on June 2nd, 2025 and must be concluded by July 18, 2025. This course covers three main units - digital imaging, photoshop, and web design. Each unit will consist of smaller assignments that build to one big project to demonstrate mastery of the information learned in the unit. Additionally, there are two mini units on digital citizenship and ethical information.

PHYSICAL EDUCATION (In person summer course available by grade level):

Students must attend at least 25 days to count towards the PE activity sessions. Class meets Monday – Friday. Monday June 9, 2025 through Friday August 1st, 2025 *There will be no classes June 30- July 4

- Boys: (M-F) 8:00 – 10:00 Coach Matt Joshi (this session is geared towards weight training and conditioning)
- Advanced Girls: (M-Th) 7:45 – 9:45 Coach Taylor Welding and Coach Mac Weist (this session is geared towards weight training and conditioning)

- Freshman Girls: (M-Th) 8:45 – 10:45 Coach Taylor Welding and Coach Mac Weist (this session is geared towards weight training and conditioning)
- Girls/Boys: (M-F) 10:00 – 11:30 Coach Matt Joshi (this session is a traditional P.E. setting)

Any SJA KSHSAA sport that meets over the summer for practices and/or camp will count towards the 25 sessions. It is your responsibility to ensure meeting the 25 session requirement by either attending camp, practice, weights or PE class. Attendance will be verified.