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Saint Thomas Aquinas High School  
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Overland Park, Kansas 66215-4816  
913.345.1411  
[www.stasaints.net](http://www.stasaints.net)

# GRADUATION REQUIREMENTS

Theology.....	4
English.....	4
Fine Arts.....	1
Latin and 2 years of Modern Foreign Language	
OR* Modern Foreign Language – same language .....	3
Computer Technology .....	1
Mathematics .....	3
Physical Education .....	1
Science.....	3
Social Studies.....	3
Speech.....	½
Elective.....	3½
TOTAL ACADEMIC CREDITS FOR GRADUATION .....	27
Catholic Outreach Community Service .....	1

## NOTES TO ASSIST IN YOUR COURSE SELECTIONS

### CATHOLIC OUTREACH COMMUNITY SERVICE PROGRAM

To enable students to demonstrate their behavior and attitudes are consistent with a lifelong call to Christian service and Mission of Saint Thomas Aquinas, students are required each year to dedicate at least 30 hours of service (20 hours for Freshman and Sophomores). The service should reflect the Corporal Works of Mercy and meet the requirements of the Catholic Outreach Community Service Program Handbook. Check out our Campus Ministry pages on [www.stasaints.net](http://www.stasaints.net) for more information.

# DUAL ENROLLMENT COLLEGE CREDIT PROGRAMS

Saint Thomas Aquinas works with two local college and universities to help students obtain college credit while they are in high school. For both programs, the student is required to register with Saint Thomas Aquinas and the college credit granting institution. Tuition and fees for the course(s) is set by the institution granting credit and must be paid by the institution's fee payment deadline, in the fall or spring of enrollment semester. Students may be enrolled in both colleges, in the same semester. All courses are taught on the Saint Thomas Aquinas campus, with credit granted by both Saint Thomas Aquinas and the college institution. Please note that the deadlines for enrollment for both programs is strictly enforced by each institution. Saint Thomas Aquinas high school does not set the college enrollment deadlines and fee structure for each program.

## ROCKHURST UNIVERSITY (RU): NURSING EXPLORATION

The Nursing Exploration program allows students the opportunity to obtain dual enrollment college credit through Rockhurst University while also learning about the field of Nursing. STA Course Rockhurst Univ. Course Credit Hours Grade Level  
Nursing Exploration Nursing Exploration NUR 1100 2 12

## JOHNSON COUNTY COMMUNITY COLLEGE (JCCC): COLLEGE NOW & QUICK STEP+

The College Now and QuickStep+ programs are offered in cooperation with Johnson County Community College. Students may opt to enroll for JCCC credit if they are enrolled in the following Saint Thomas Aquinas courses. [WWW.JCCC.EDU/COLLEGENOW](http://WWW.JCCC.EDU/COLLEGENOW)

### JCCC COLLEGE NOW COURSE(S)

STA Course	JCCC Course	Hours	Grade Level
H Eng 4	Composition 1* Engl 121	3	12
H Eng 4	Composition 2* Engl 122	3	12
H Coll Biol	Prin of Cell; Molecular Bio Bio 135	4	12
H Span 3	Elem Span 1 FL 130	5	10, 11, 12
H Span 4/5	Elem Span 2 FL 131	5	10, 11, 12
AP Statistics	Statistics* Math 181	3	12
AP Calculus	AB Calculus I* Math 241	5	11, 12
AP Calculus	BC Calculus II* Math 242	5	11, 12
H Am History	US History Hist 141	3	11

## JCCC QUICK STEP+ COURSE(S)

STA Course	JCCC Course	Hours	Grade Level
College Algebra	College Algebra* Math 171	3	12

\*Course has a prerequisite – see [jccc.edu/early\\_college](http://jccc.edu/early_college) for details.  
Students must meet requirement, prior to start of academic year.

# **(NEW FALL 2023) COLLEGE BOARD ADVANCED PLACEMENT (AP) COURSES**

Upon approval of the College Board and the Advanced Placement Course Audit, Saint Thomas Aquinas High School will offer Advanced Placement Courses, in addition to offering the Advanced Placement Exam. The AP program prepares students to sit for the AP Exam in May of the corresponding academic year, which may qualify students to receive college credit based on their AP Exam Score. The fee for this exam is set by the College Board + the cost of administering the exams by Saint Thomas Aquinas High School. Registration for the exam occurs during the fall semester and all students take their AP exams during the May Testing schedule which is set by the College Board. Specific details on the exams can be found at [apstudent.collegeboard.org](http://apstudent.collegeboard.org).

Advanced Placement	Course Grade Level
AP World History*	10
AP US History*	11
AP US Government & Politics	12
AP English Language & Composition	11
AP English Literature & Composition	12
AP PreCalculus	11, 12
AP Calculus AB	11, 12
AP Calculus BC	11, 12
AP Statistics	12

\* Students who enroll in the course may be required to take the AP Exam (See course description for exam requirements).

# **WEIGHTED COURSES: HONORS & ADVANCED PLACEMENT (AP)**

Courses marked Honors or AP earn an additional 5 percentage points when GPA is calculated each semester.

The points are added during the calculation of the semester and cumulative GPA. You will not see the 5 percentage points reflected in the printed grade on the grade card or transcript. Students must earn 77% or above in order to receive the extra percentage points. Students who fail an honors course during the first semester will be moved to the grade-level equivalent course for second semester (e.g., a student who fails honors biology first semester will be moved to biology during the second semester).

## **NOTE TO PARENTS**

Saint Thomas Aquinas High School offers a curriculum for students of most ability levels. Each student takes seven classes per semester including Theology and English which are required every year. With the exception of credit recovery, all core courses in English, math, science, and theology must be taken in the building and taught by Saint Thomas Aquinas teachers. Classes are offered for those students who need to build their study skills. The curriculum is available for the typical college-bound student and for high-achieving students. In addition to Advanced Placement courses, in mathematics, English, and social sciences, honors courses are taught in all areas of our core curriculum - English, mathematics, science, social studies, and foreign languages. Saint Thomas Aquinas participates with Johnson County Community College and Rockhurst University to give students the opportunity to earn college credits while still in high school. Advanced Placement Exams, which are administered each May, also afford the opportunity to earn credit from colleges.

Students seeking special learning accommodations should submit all current records (IEP, 504, testing, doctor/psychologist diagnosis, documented learning disability) at the time of registration. In order to meet the needs of the student, the Student Intervention Team of Saint Thomas Aquinas will review these documents and make recommendations suitable to a high school program and to the existing resources of Saint Thomas Aquinas.

We offer limited special services to assist students in the pursuit of academic excellence and maturity to the adult world. The journey to maturity requires the work of many - accountability by the student, cooperation from family, support of educators and understanding of the growth process. Young students need to become self-advocates and learn the skills to cope with their unique learning issues.

# **COLLEGE ADMISSION REQUIREMENTS**

## **STUDENT ATHLETES - NCAA ELIGIBILITY**

If you wish to participate in NCAA Division I or II athletics, you need to be certified by the NCAA Eligibility Center. You need to qualify academically, and you will also need to be cleared as an amateur student-athlete. You are responsible for achieving and protecting your eligibility status! The NCAA Eligibility Center encourages you, the student, to take an active role in this process. Take time to complete the registration with your parents. Saint Thomas Aquinas will send the 6 th-semester transcript to the NCAA Eligibility Center in June for all student-athletes who are registered with the Eligibility Center. Work closely with the Director of College Placement, and campus NCAA Compliance Coordinators to ensure your academic eligibility. Detailed information can be found at [www.eligibilitycenter.org](http://www.eligibilitycenter.org)



# Qualified Admissions Kansas Residents

Five of the six state universities in Kansas, including Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, and Wichita State University, use the standards below to review applicants for undergraduate admission. The University of Kansas has different admission standards from those listed below, visit [admissions.ku.edu](http://admissions.ku.edu) for more information. Standards are set by the Kansas Board of Regents.

## ACCREDITED HIGH SCHOOL

If you are a Kansas resident who will graduate from an accredited high school during the 2015-2016 academic year or later, you can guarantee admission to five of the state's universities by completing the Qualified Admissions or Kansas Scholars curriculum with a 2.0 GPA and by meeting one of the following requirements:

- ACT score of at least 21; OR
- SAT score of at least 980; OR
- Graduate in the top 1/3rd of your class.

If you enroll in college courses while you are in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

## QUALIFIED ADMISSIONS PRECOLLEGE CURRICULUM

**Kansas Course Codes** are used to identify courses that fulfill Qualified Admissions curriculum requirements. A complete list of courses is available at the Kansas Board of Regents website: [kansasregents.org/qualified\\_admissions](http://kansasregents.org/qualified_admissions). Additionally, your high school counselor has a list of courses at your high school that fulfill these requirements.

**One unit is equivalent to one year, or two semesters.** Dual enrollment, concurrent enrollment, and online courses may be used to fulfill the Qualified Admissions curriculum requirements. All courses must appear on your high school transcript, and courses completed in middle school or junior high do not fulfill the Qualified Admissions Math requirements.



### English

4 approved units,  
½ unit may be  
Speech



### Math

Must complete either:  
*Option A* - 3 approved units  
and meet the ACT college  
readiness math benchmark  
of 22. *Option B* - 4 approved  
units, one of which must be  
taken in the graduating year



### Social Science

3 approved units



### Natural Science

3 approved units,  
one of which must be  
a full unit of Chemistry  
or Physics



### Electives

3 approved units

## UNACCREDITED HIGH SCHOOL

If you are a Kansas resident who will graduate from an unaccredited high school during the 2015-2016 academic year or later, you can guarantee admission to five of the state's universities by completing coursework equivalent to the Qualified Admissions or Kansas Scholars curriculum with a 2.0 GPA and by achieving an ACT score of at least 21 or an SAT score of at least 980. If you enroll in college courses while you are in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

This document provides a summary overview of admission requirements at state universities and is not a substitute for or to be used in lieu of the actual detailed admissions requirements, which can be found at: [www.kansasregents.org/qualified\\_admissions\\_rules\\_regulations](http://www.kansasregents.org/qualified_admissions_rules_regulations).

Date: April 2014

# FOUR-YEAR PLAN

The following is given as an example of how a student might plan courses at STA. These are suggestions; however, a student may certainly individualize his/her program. Students enroll in 7 credits each year. You may enroll in as many as 8 credits if you select a ZERO HOUR class.

9th GRADE	10th GRADE	11th GRADE	12th GRADE
Theology 1 cr.	Theology 1 cr.	Theology 1 cr.	Theology 1 cr.
English 1 cr.	English 1 cr.	English 1 cr.	English 1 cr.
Technology ½ - 1 cr.	Physical Ed. ½ cr.	Am. History 1 cr.	Government ½ cr.
Physical Ed. ½ cr.	Chemistry 1 cr.	Physics 1 cr.	Economics ½ cr.
Biology 1 cr.	Foreign Lang. 1 cr.	Foreign Lang. 1 cr.	Math 1 cr.
Foreign Lang. 1 cr.	Math 1 cr.	Math 1 cr.	Electives 3 cr.
Math 1 cr.	World History 1 cr.	Elective 1 cr.	Community Service ¼ cr.
Speech ½ cr.	Technology ½ cr.	Community Service ¼ cr.	
Fine Art ½ cr.	Community Service ¼ cr.		
Community Service ¼ cr.			

## DEPARTMENT HEADS

English Department - Andrew Lee: <a href="mailto:alee@stasaints.net">alee@stasaints.net</a> .....	913.319.2487
Fine Arts - Kim Spillman: <a href="mailto:kspillman@stasaints.net">kspillman@stasaints.net</a> .....	913.319.2433
Foreign Languages - Lisa Stoecklein: <a href="mailto:lstoecklein@stasaints.net">lstoecklein@stasaints.net</a> .....	913.955.2870
Mathematics - Lisa Andrews: <a href="mailto:landrews@stasaints.net">landrews@stasaints.net</a> .....	913.955.2872
Practical Arts - Kerri Jennings: <a href="mailto:kjennings@stasaints.net">kjennings@stasaints.net</a> .....	913.319.2436
Science - Chris Berger: <a href="mailto:cberger@stasaints.net">cberger@stasaints.net</a> .....	913.955.2425
Business/Technology -Courtney DeNegri: <a href="mailto:cdenegri@stasaints.net">cdenegri@stasaints.net</a> .....	913.955.2878
Social Studies -Stephanie Cloues: <a href="mailto:scloues@stasaints.net">scloues@stasaints.net</a> .....	913.319.2486
Theology - Ryan Best: <a href="mailto:rbest@stasaints.net">rbest@stasaints.net</a> .....	913.955.2421
Academic Counselor - Deb Castinado: <a href="mailto:dcastinado@stasaints.net">dcastinado@stasaints.net</a> .....	913.319.2453
Director of College Placement - Liz Majors: <a href="mailto:lmajors@stasaints.net">lmajors@stasaints.net</a> ....	913.319.2477
Director of Special Services -	
Charlie Lamont: <a href="mailto:clamont@stasaints.net">clamont@stasaints.net</a> .....	913.319.2411
Social/Emotional Counselor - Laura Oliva: <a href="mailto:loliva@stasaints.net">loliva@stasaints.net</a> .....	913.319.2457
Counselor/Test Coordinator -	
Matt Hallauer: <a href="mailto:mhallauer@stasaints.net">mhallauer@stasaints.net</a> .....	913.319.2460
Campus Ministry - Mark Blaise: <a href="mailto:mblaise@stasaints.net">mblaise@stasaints.net</a> .....	913-319-2458

# THEOLOGY

Z = Zero Hour

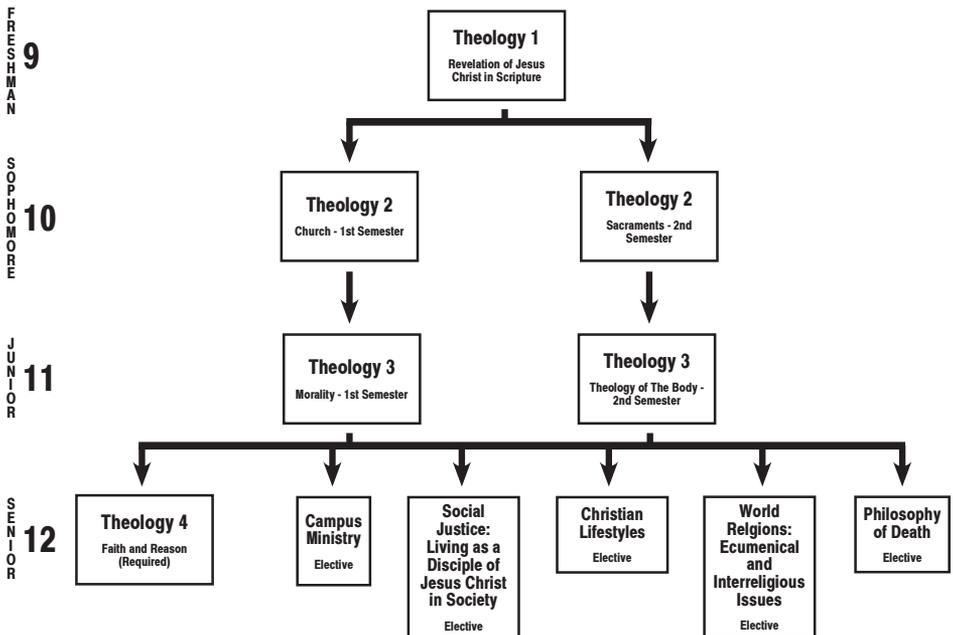
H = Honors Course

CC = College Credit

KR = No courses in the Theology Department are included in the Qualified Admissions Approved Curriculum for KS Regents Universities

The Saint Thomas Aquinas Theology Department is committed to deepening students' relationship with Jesus Christ through prayer, the study of a variety of subjects and community service. Teachers and students are to model Christ in all aspects of their lives, including daily prayer in each class. Guided by the outcomes and curriculum set by the Archdiocese of Kansas City in Kansas, study subjects include an introduction of Catholicism, Sacred Scripture, Moral Theology, the Sacraments, Catholic Social Justice, the History of the Church and Christian Lifestyles. Additionally, students model Christ through the giving of their time and talents to the community each semester by fulfilling the Catholic Outreach Community Service Program commitments.

## VARIOUS PATHS AT SAINT THOMAS AQUINAS THEOLOGY



# CATHOLIC OUTREACH COMMUNITY SERVICE PROGRAM

Credit 1/4

Grade 9-12

Course #: 9th grade 100101 10th grade 100211 11th grade 100311 12th grade 100411

Education at Saint Thomas Aquinas is not limited to the classroom. In the classroom the students learn the Catholic faith, but they are also called to answer the Gospel message by living it as Disciples of Christ. Service outside the school challenges the student to learn more about their community and its needs. To enable students to demonstrate their behavior and attitudes are consistent with a lifelong call to Christian service and to the Mission of Saint Thomas Aquinas, students are required each year to dedicate hours to community service (at least 30 for Juniors and Seniors and 20 hours for Freshmen and Sophomores).

*\*All students will receive ¼ credit per year by fulfilling the requirements of the Catholic Outreach Program. The course does NOT have any formal meeting time or place. All service hours are to be completed outside the normal school day.*

## THEOLOGY 1 (9A - SCRIPTURE SEM 1 9B - SCRIPTURE SEM 2)

Credit 1

Grade 9

Course #: 080115/080195

### THE REVELATION OF JESUS CHRIST IN SCRIPTURE

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. Every effort is made to project a sense of the unity of the narrative for the divine plan of salvation, the presence of God's action in this record of his Revelation, and his desire to share his merciful love with us.

# **THEOLOGY 2 (10A CHURCH-SEM 1)**

Credit ½

Grade 10

Course #: 080295

## **JESUS CHRIST'S MISSION CONTINUES IN THE CHURCH**

The purpose of this course is to help the students understand that in and through the Church they encounter the Living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both Divine and human elements. In this course, students will learn about the sacred nature of the Church. Key focuses include: the Marks of the Church (One, Holy, Catholic, and Apostolic) and the purpose and structure of the Church in the world, and what it means to live in the world today as a disciple of Jesus Christ.

# **THEOLOGY 2 (10B SACRAMENTS -SEM 2)**

Credit ½

Grade 10

Course #: 080285

## **SACRAMENTS AS PRIVILEGED ENCOUNTERS WITH JESUS CHRIST**

Students learn and experience how sacraments are special signs that put us in touch with the Risen Lord. They focus on the Church community as well as the individual's role in each of the sacraments, with an emphasis on the Eucharist. Students demonstrate knowledge of the definition, history, and significance of the Sacraments and identify the Sunday liturgy as the central focus of the Church community. Recognition of the need for prayer as essential and as an expression of faith is an emphasis of this class. Students learn to distinguish the different styles of prayer by evaluating prayer in the life of Jesus, the saints, contemporary people and through preparing and creating various prayer experiences.

# **THEOLOGY 3 (11A MORALITY- SEM 1)**

Credit ½

Grade 11

Course #: 080225

Prerequisite: None

## **LIFE IN JESUS CHRIST**

Students identify the Christian values and moral principles found in Scriptures and in the Magisterium. They illustrate how these are lived in the world today. Students examine the compassionate example of Jesus' life and teachings in regard to moral dilemmas. Students are provided a method of ethical decision making which will help them continue in their formation of conscience and guide them in making moral and ethical decisions in their daily lives. Students explore the Church's teaching concerning moral issues: conscience, sin, good vs. evil, chastity, abortion, birth-control, homosexuality, capital punishment, euthanasia, drugs and alcohol, and honesty with self and others.

# **THEOLOGY 3 (11B THEOLOGY OF THE BODY - SEM 2)**

Credit ½

Grade 11

Course #: 080435

Prerequisite: None

## **THEOLOGY OF THE BODY**

The purpose of this course is based on the collection of 129 talks on human sexuality given by Pope John Paul II between September 1979 and November 1984 and is designed specifically for teens. The course will address the profound interconnection between sexuality and the Christian mystery. The course will answer questions like: Why did God give us our sexual desire? What does our sexuality teach us about God? What is the difference between love and lust and how can one overcome the temptation of lust? How does waiting for sex make marriages stronger? How can I discover my vocation?

# **THEOLOGY 4**

STUDENTS ARE REQUIRED TO TAKE FAITH AND REASON AND ONE SENIOR ELECTIVE THEOLOGY COURSE.

# **THEOLOGY 4 - FAITH AND REASON (REQUIRED)**

Credit ½

Grade 12

Course #: 080465

Prerequisite: None

## **WHY GOD? WHY JESUS? WHY THE CATHOLIC CHURCH?**

This course serves as a capstone for the three previous years of theology courses. The ten major topics covered over the course of the semester will provide every student with a deeper understanding about God, Jesus, and the Catholic Church. This Theology course 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.

# THEOLOGY 4

(5 ELECTIVE OPTIONS, SENIORS MUST CHOOSE 1)

## **ELECTIVE - SOCIAL JUSTICE: LIVING AS A DISCIPLE OF JESUS CHRIST IN SOCIETY**

Credit ½

Grade 12

Course #: 080455

Prerequisite: None

The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission.

## **ELECTIVE - CHRISTIAN LIFESTYLES: LIVING AS AN ADULT CHRISTIAN**

Credit ½

Grade 12

Course #: 080425

Prerequisite: None

This course is designed for the student to begin to discern what the future may hold for them as a young adult Christian. In this course the student will be taking an introspective look at where they are now and explore what vocation they may be being called to in the future; the married life, single life, priestly life, or consecrated life. They will continue to seek what it means to live a life for the benefit of others and how to live that within their called vocation in service to the Christian community.

## **ELECTIVE - WORLD RELIGIONS: ECUMENICAL AND INTERRELIGIOUS ISSUES**

Credit ½

Grade 12

Course #: 080445

Prerequisite: None

The purpose of this course is to help the students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, the course is intended to help students to recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them to recognize the ways in which other systems of belief and practice differ from the Catholic faith.

# **ELECTIVE - PHILOSOPHY OF DEATH**

Credit ½

Grade 12

Course #: 080415

Prerequisite: None

Philosophy of Death (formerly Death And Dying)

Most people are scared to death of death! We run from it, we get angry about it and we do our best to avoid it. Not very Jesus like. This “Philosophy of Death” course will take you on a journey from those surface reactions to infinitely deeper questions, wonderings and realities about this seemingly terrifying subject. Ultimately, this course will remind you that anywhere Jesus went is a good place to go, even to death. We will look at death itself, its nature, because if we do not know at least something of what death is, how can we meaningfully ritualize it, explain it and – finally – face it? From a field trip to a funeral home and cemetery, to guest speakers, to stories from teachers and students, and a host of other sources, we will look at why and how we – as Catholics – ritualize death. We will look at the costs associated with death and look at death from the perspective of funeral home employees, of medical professionals and of family members. Along the way, we will encounter questions involving medical ethics, customs and other cultures.

Finally, this course will offer you wisdom to make your death – when it comes – an offering of faith, hope and love to God and your loved ones. You will leave this course with the truth that your death is your last act, your last chance to point people to Jesus. Why would you cheat anyone out of that?

# **ELECTIVE - CAMPUS MINISTRY**

Credit: ½

Grade 12

Course #: 080450

Prerequisite: None

The Campus Ministry course is an elective that allows students a first-hand experience at living out the Gospel message by ministering to the Saint Thomas Aquinas High School community. At its core, the class emphasizes individual and small group spiritual development by making use of class retreats, planning all school liturgies, and para-liturgies. The goal of the class is to put faith into practice. Students enrolled in the course must be comfortable sharing their faith in a variety of ways. Students will be expected to pray and journal daily and witness their faith to their peers and teachers. Students will be expected to lead small groups and bible studies during STA period. Campus Ministers should be practicing their faith on a regular basis.

# ENGLISH LANGUAGE ARTS

Z = Zero Hour

H = Honors Course

CC = College Credit

KR = Not included in the Qualified Admissions Approved Curriculum for KS Regents Universities

The mission of the 9-12 Language Arts Department is to continue the development of skills relating to thinking, reading, writing, speaking and listening; the foundation of all human interaction. Language Arts outcomes should be integrated in all disciplines and should reflect Catholic teachings and Christian values.

## COURSE OUTCOMES:

### THINKING

The student will demonstrate skills for accessing, processing, analyzing, synthesizing, and evaluating data effectively.

### READING

The student will demonstrate skills needed to read and the knowledge to respond to literature.

### WRITING

The student will write effectively for a variety of purposes and audiences.

### SPEAKING

The student will demonstrate effective oral communication skills.

### LISTENING

The student will demonstrate effective listening skills.

# LANGUAGE ARTS HONORS CLASSES

Placement test scores are the main criteria for determining which students will enroll in Honors English 1. The prerequisite for all other Honors English classes is a grade of at least 86% (without the extra 5 honors points) in the previous honors class or at least 95% in a regular English class. These grades are reliable indicators of students' success in the next level course.

In the Honors program, students have an increased reading load over students in non-honors courses. The students' writing is geared toward the Advanced Placement exams that are taken at the end of the junior year, and for college credit(s) during their senior year. In Honors classes, students are introduced to a greater range of vocabulary as well as provided the opportunity for more independent thinking activities and self-designed projects. In addition to exercising advanced thinking and composition skills, completing all assigned work on time is mandatory. All Honors English students are required to complete the summer reading assignments. Summer reading assessments are the first grades of each new school year.

## ENGLISH 1

Credit 1

Grade 9

Course #: 030111

English 1 introduces students to the basic genres: short story, poetry, novel, non-fiction, and drama. The course emphasizes and teaches grammar in the context of writing and includes a concentrated grammar unit based on drills, repetition, and use. Students direct their writing focus on the mastery of the basic essay format. In addition to writing multiple essays, students study a minimum of three major works during the year and begin their programmed study of vocabulary.

## HONORS ENGLISH 1

Credit: 1

**H**  
Grade 9

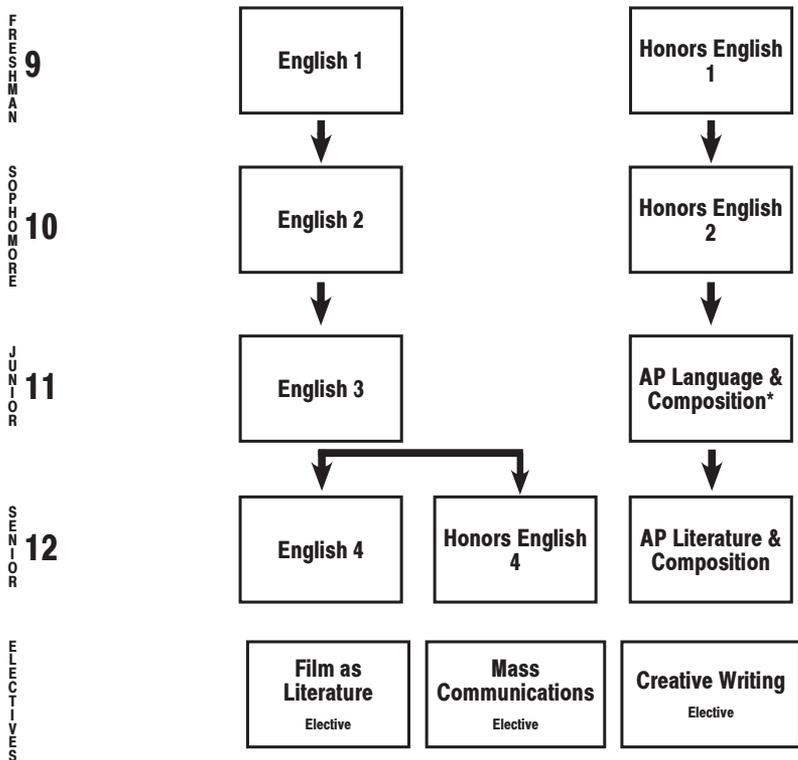
Course #: 030206

Prerequisite: Placement Exam Score

Honors English 1 introduces students to the basic genres: short story, poetry, novel, non-fiction, and drama. Students enrolling in Honors English 1 study a minimum of five major works during the year, begin their programmed study of vocabulary, direct their writing focus on the essay format and write multiple essays, and practice analytical reading and writing skills. Honors English 1 emphasizes and teaches grammar in the context of writing and includes a concentrated grammar unit.

# VARIOUS PATHS AT SAINT THOMAS AQUINAS

## ENGLISH



## ENGLISH 2

Credit: 1

Grade 10

Course #: 030211

Prerequisite: Successful completion of English 1

English 2 is a survey course, focusing on the elements that have built literature throughout time and sampling classic literature such as mythology, Greek tragedy, and epic poetry. English 2 also strengthens students' writing; students will compose a minimum of five multi-paragraph writings, both formal and informal, and will create a portfolio to show the progression of their writing skills. The course curriculum also includes a research project and the continuation of vocabulary and grammar / structure study.

# HONORS ENGLISH 2

**H**

Credit: 1

Grade 10

Course #: 030201

Prerequisite: At least 86% (without the extra 5 points) in Honors English 1 or at least 95% in English 1.

Honors English 2 focuses on the elements that have built literature throughout time, and samples classic literature such as mythology, Greek tragedy, and epic poetry. Students taking Honors English 2 analyze a number of literary selections, including four major works, and focus on critical thinking and analysis of theme, symbolism, and allegory. Students enrolling in Honors English 2 are expected to read quickly and thoroughly, have strong inference skills, and make subtle connections. Honors English 2 also strengthens students' writing. Students will compose a minimum of eight multi-paragraph writings, both formal and informal, that include autonomous thinking, literary analysis, and critical persuasion. The course curriculum also includes a research project, introduction to Advanced Placement prep, and the continuation of vocabulary and grammar / structure study.

# ENGLISH 3

Credit: 1

Grade 11

Course #: 030311

Prerequisite: Successful completion of English 2

English 3 holds students accountable for those literary elements and rules of mechanics previously taught, while adding elements of style through the use of rhetorical devices. Students compose a number of multi-paragraph writings ~ informal and formal, both in-class and out-of-class ~ over the course of the year. Students base formal essays, including a required research paper, on their readings from Colonial to contemporary American literature. Students study three major works during the year and continue the study of vocabulary, grammar, and structure.

# AP ENGLISH LANGUAGE AND COMPOSITION

**H**

Credit: 1

Grade 11

Course #: 030600

Prerequisite: At least 86% (without the extra 5 points) in Honors English 2 or at least 95% in English 2. Students should expect to have a summer reading/writing assignment.

Students enrolling in AP English Language and Composition are expected to be proficient in writing and supporting arguments and must be able to recognize and analyze the use of literary devices studied in English 2. This course will incorporate the study of style, both with reading and writing assignments, and will develop students' ability to argue, persuade, and synthesize sources in their writings. Students enrolling in Honors English 3 are also expected to read quickly and thoroughly, have strong inference skills, and make subtle connections. The course serves as a survey of American Literature, from the Colonial to the contemporary, and samples all genres. Literature study emphasizes analysis, with students using newly-introduced analytical techniques as well as incorporating those used in earlier courses. Students will study two major works of literature each semester in addition to completing two outside reading assignments. AP English Language and Composition prepares students for the English Language and Composition Advanced Placement Exam.

## ENGLISH 4

Credit: 1

Grade 12

Course #: 030411

Prerequisite: Successful completion of English 3

English 4 increases students' knowledge and understanding of British authors and their writings, from Beowulf to contemporary classics. Students will study four major works in class and complete six out-of-class reading assignments. They also will write multiple essays during the year, including a college, scholarship, or career essay and two research papers. While building on prior writing and research skills, the research units will help students become proficient in using online databases, incorporating ideas from outside sources, providing parenthetical citations, synthesizing sources, and building an annotated bibliography. Students will continue their programmed study of vocabulary and the study of grammar / structure in the context of writing.

# HONORS ENGLISH 4/ COLLEGE COMP

**H,CC**

Grade 12

Credit: 1 (College credit available)

Course #: 030401 JCCC ENGL 121 and/or 122

Prerequisite: At least 86% (without the extra 5 points) in Honors English 3 or at least 95% in English 3.

Course Fee: Current tuition at JCCC is assessed if college credit is desired.

Honors English 4/College Comp is a chronological survey of English literature with an in-depth study of major works by English authors. Students read and study at least two major works each semester. Composition familiarizes the students with both the theory and process of developing effective writing skills. Students complete multiple essays, including two fully developed research papers, during the year. Students continue their study of vocabulary and grammar in the context of their writing.

*NOTE: Students may earn college credit for the Honors English 4/College Comp course through Johnson County Community College. They must, however, enroll and pay the current rate per credit hour to JCCC. Alternatively, students may take the Advanced Placement Exam Junior and/or Senior year to earn college credit.*

# AP ENGLISH LITERATURE AND COMPOSITION

Credit: 1

Grade 12

Course #: 030610

Prerequisite: None. Students should be very strong readers and writers.

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

# FILM AS LITERATURE

**KR**

Credit ½

Grade 12

Course #: 030325

Prerequisite: None

This elective course focuses on studying film as a literary form. The study involves viewing various films from five themed units, then discussing, interpreting, and writing responses to those films. Film as Literature covers aspects of American cinema from the silent film era to twenty-first century movies. Students who take this course will write essays and complete several unit projects.

# **CREATIVE WRITING (SUSPENSE FICTION)**

Credit: ½

Grades 10-12

Course #: 030302

Prerequisite: English 1

Creative Writing in Suspense Fiction introduces students to creative writing using suspense fiction in novels, short stories, and poetry. The course includes: an introduction to the elements of suspense, writing using standard plot in literature, analyzing and critiquing different works of fiction, discussion groups, and stylistic writing techniques that encourage a process approach with group editing sessions. Students will submit their unpublished, original works to at least two contests to showcase the writing talent Saint Thomas Aquinas students possess.

## **SPEECH**

Credit: ½

Grades 9-12

Course #: 030115

Prerequisite: None

The ability to communicate depends on one's ability to verbalize; thus, by preparing and delivering basic speeches, students acquire speech awareness, technique, and confidence. This course introduces the basics of speech communication through preparation, organization, imagination, and presentation. This class or a designated equivalent is required for graduation.

*NOTE: Speech is also available in summer school.*

## **HONORS DEBATE (COMPETITIVE)**

Credit: ½

Grade 9-12

Course #: 030207

Students in this course learn to engage in persuasive advocacy concerning public policy issues. Students will enhance their skills at argumentation, research, and public speaking. The course requirements include an expectation that students will contract to attend several inter-school debate competitions, which are held primarily on Saturdays. The schedule is flexible, but students without at least two free weekends from mid-September to mid-November should not enroll. Students and their families should expect to encounter arguments from a variety of different political and religious perspectives, including perspectives they and their families may not share. It will be helpful to students to have a functional Windows (as opposed to Apple) laptop that is not a Chromebook or IOS device. This class may be re-taken for credit, and students may earn a varsity letter in this activity.

*NOTE: Honors Competitive Debate fulfills the speech requirement for graduation, but students and their families should anticipate a higher level of rigor and expectations relative to the standard speech class.*

# **HONORS FORENSICS (COMPETITIVE)**

Credit: ½

Grades 9-12

Course #: 030166 (Zero hour – 030167)

Prerequisite: None

Forensics involves the creation of student acting and/or speaking performances for contest performance. Some memorization will be required. The course requirements include an expectation that students will contract to attend several inter-school speech competitions, which are held primarily on Saturdays. The schedule is flexible, but students without at least two free weekends from early February to mid-April should not enroll. Students may take the course during the school day or during zero hour. This class may be re-taken for credit and students may earn a varsity letter in this activity.

*NOTE: Honors Competitive Forensics fulfills the speech requirement for graduation, but students and their families should anticipate a higher level of rigor and expectations relative to the standard speech class.*

# **FORENSICS NON-COMPETITIVE**

Credit: ½ each semester

Grades 9-12

Course #: 030145

This beginning course is designed for students interested in exploring forensics during the school day. Students will be instructed in all facets of individual forensics events including oral interpretation, humorous/dramatic solo acting, informative speaking, persuasive speaking, impromptu speaking, and duet acting. This course will serve as a general introduction to competitive speaking and acting.

*NOTE: Forensics non-competitive fulfills the speech requirement for graduation.*

# FINE ARTS

Z = Zero Hour

H = Honors Course

CC = College Credit

KR = Not included in the Qualified Admissions Approved Curriculum for KS Regents Universities

Students participating in the Fine Arts Department learn and demonstrate basic skills and appreciation of visual art, theater and music performance. As they advance, the students apply these basic skills to create and evaluate artistic works for the beauty of human expression and self-fulfillment. In addition, students exhibit respect for human and spiritual values and develop self-esteem, which enhances growth as contributing members of their Faith community.

Saint Thomas Aquinas High School requires one credit of Fine Arts; many students choose additional classes as electives. Most fine arts classes are open to students in grades 9 - 12. Show Choir and Jazz Band are offered during Zero Hour to provide more scheduling flexibility. The fine art requirement may be met by selecting from a wide variety of courses in:

- Visual art
- Instrumental music
- Theater classes.
- Vocal music

## PERFORMING ARTS DRAMA AND THEATER

### INTRODUCTION TO THEATER

Credit: ½

Course #: 003165

Prerequisite: None

Grades 9 - 12

This is an introductory theater course where students study a variety of topics dealing with the theatrical arts. To gain practical knowledge and experience in the theater, the class will work on helping to produce the school musical or play. Students will be responsible for helping the production with costumes, props, scenery, historical research, and publicity. Students will also explore modern American plays and playwrights, act and direct their own scenes. This is a hands-on class that is offered as an orientation to the dramatic arts so students can more easily decide which aspects of theater interest them most.

# **ACTING 1**

Credit: ½

Grades 9 - 12

Course #: 003275

Prerequisite: None

This course serves as an introduction to acting techniques. Students develop the ability to create a complete and believable character through acting exercises and class performances. They study actors and scripts, create original comedies and dramas, work duet and solo acting scenes, study improvisational comedy, pantomime and audition techniques.

# **ADVANCED DRAMA**

Credit: ½

Grades 10 - 12

Course #: 003295

Prerequisite: Successful completion of Introduction to Theatre or Acting I.

In this course students enhance their knowledge from Acting I and Introduction of Theatre by rehearsing and performing a variety of scenes and plays. Students explore many scripts differing in style, genre, and time period. This class participates in several in-class and public performances.

# **STAGECRAFT**

Credit: 1

Grades 9 - 12

Course #: 003231

Prerequisite: Application and Instructor Approval

Stagecraft provides students an opportunity to design and build sets for all Saint Thomas Aquinas productions. This will include, but not limited to, the Fall Musical, Winter Play and Dinner Theater.

# **ADVANCED STAGECRAFT**

Credit: 1

Grades 10 - 12

Course #: 003232

Prerequisite: Enrolled in Stagecraft for at least one semester and Instructor Approval

Stagecraft provides students an opportunity to design and build sets, set up and run sound and lighting plots, and be responsible for all performance needs of the drama and music departments. Students will need to be available for outside of school day rehearsals and performances. Students may be called upon to assist others in the use of the theater or other performance facilities when needed.

# MUSIC

## CONCERT CHOIR

Credit: 1

Grades 9 - 12

Course #: 003121

Prerequisite: None

In this SATB choir, students will learn how to sing - as well as diction, sight-singing, music theory, vocal health and choral techniques. Concert Choir will sing at STA masses throughout the school year, and has several concerts/performance throughout the year including Fall Concert, Open House, Christmas Concert, KMEA, and Small/Large Group KSHSAA Ensemble. Students in Concert Choir also have the opportunity to sing/perform in our Christmas Coffeehouse in December and Dinner Theater in the spring. Open to all students, grades 9-12.

## CHAMBER CHOIR

# Z

Credit: 1

Grades 9-12

Course #: 003122

Prerequisite: Audition/Instructor Approval

Students will learn proper fundamentals of singing while having the opportunity to learn and perform varied types of higher level choral music. Chamber Choir sings often for STA events, local parishes, masses at STA and other local events throughout the school year. Singers in Chamber Choir learn diction, pronunciation of different languages, music theory, sight singing, IPA (international phonetic alphabet) and ear training. Chamber Choir students audition for KMEA and represent STA at the Spring Small/Large Group KSHSAA Ensemble. Students in Chamber Choir also have the opportunity to sing/perform in our Christmas Coffeehouse in December and Dinner Theater in the spring. Open to all students, grades 10-12, with audition. To schedule the audition, contact director of choral studies, Catherine Boone: [cboone@stasaints.net](mailto:cboone@stasaints.net)

# SHOW CHOIR (SWINGIN' SAINTS)

Credit: 1

Grades 9 - 12

Course #: 003151

Prerequisite: Audition/Instructor Approval. Students enrolled in Swingin' Saints should be concurrently enrolled in the Chamber Choir Zero Hour class.

Students in this show choir will study and perform primarily pop and show choir music with choreography. "Swingin' Saints" performs annually at Extravaganza in November, and they participate in Open House, masses at STA, Show Choir Competitions, Dinner Theater and various other performances throughout the year. Singers in Swingin' Saints also have the opportunity to sing/perform at the Christmas Coffeehouse in December. Show Choir competition season is January 2023 - March 2023. Open to all students grades 9-12 by audition only. Audition arranged by emailing director of choral studies: Catherine Boone [cboone@stasaints.net](mailto:cboone@stasaints.net)

# GIRL'S SHOW CHOIR (SAINTSATIIONS)

Credit: 1

Grades 9-12

Course #: 003152

Prerequisite: Audition/Instructor Approval

Students in this show choir class will study and perform various forms of music - pop and show choir music with Choreography, art songs, classical, and a cappella. Students will participate in the STA Open House, Christmas Concert, masses at STA, Show Choir Competitions, as well as KSHSAA, and various other performances throughout the year. Singers in Saintsations also have the opportunity to sing/perform at the Christmas Coffeehouse in December and Dinner Theater in the spring. Show Choir competition season is January 2023 - March 2023. Open to all female students grades 9-12 by audition only. Audition arranged by emailing director of choral studies: Catherine Boone [cboone@stasaints.net](mailto:cboone@stasaints.net)

# JAZZ BAND

# Z

Credit: 1

Grades 9-12

Course #: 003281

Prerequisite: Audition

Students in this ensemble will learn to perform a variety of different musical styles, including swing, rock, Latin and funk, among others. Performances for this group include the annual Extravaganza fundraiser, university jazz festivals, and the Christmas and Spring concerts. Instrumentation includes: alto/tenor/baritone saxophones, trumpets, trombones, piano/bass guitar/electric guitar, and drums (2 players - experience on drum set preferred). Open to all students grades 9-12 by audition. Class meets during 0 hour, 7:05-7:45am, on Tuesday/Thursday. Jazz Band is a year-long class. Auditions will be set up in late April/early May. Please contact Mr. Burgess at [jburgess@stasaints.net](mailto:jburgess@stasaints.net) if interested in signing up for this class.

## **BAND (SAINTS BRIGADE)**

Credit: 1

Course #: 003211

Grades 9-12

Prerequisite: Prior experience in band

Students enrolled in the Saints Brigade band begin the year marching for the halftime performances at our home football games. This group also performs at marching festivals during the month of October. To prepare for these events, there is a band camp held during late July/early August. In November, the focus shifts to concert band literature for the Christmas concert. During the second semester, the group is busy playing pep band tunes for the varsity basketball home games. Students enrolled in the Saints Brigade also have the opportunity to participate in the KMEA solo/small ensemble festivals and the KSHSAA large group festival. The year concludes with the annual Spring awards/recognition banquet and concert. Open to all students, grades 9-12, with prior band experience.

## **COLOR GUARD (SAINTS BRIGADE SAPPHIRES)**

Credit: ½

Course #: 003245

Grades 9-12

Prerequisite: None

Students enrolled in the Sapphires Color guard have a blast tossing and spinning flags while at the same time adding a most important and exciting visual element to the marching band performance! This class will meet during 2nd hour along with the marching band during the fall semester only. The Sapphires Color Guard does not “march” with the band, but instead they perform alongside the band as part of the marching band routine, enhancing the meaning and feeling of the show through visual pageantry and light choreography. Please contact Mr. Burgess at [jburgess@stasians.net](mailto:jburgess@stasians.net) for more information.

## **DRUMLINE (SAINTS BRIGADE DRUMLINE)**

Credit: ½

Course #: 003282

Prerequisite: None

The Saints Brigade Drumline is an exciting group that will play at our home football games, selected assemblies, two home basketball games, and at the annual Spring concert at the end of the year. This class will meet during 0 hour on Monday and Wednesday, 7:05-7:45am. Previous percussion experience not required. Please contact Mr. Burgess at [jburgess@stasaints.net](mailto:jburgess@stasaints.net) for more information.

# VISUAL ARTS

## FOUNDATIONS IN ART

Credit: ½

Grades 9-12

Course #: 001115

Prerequisite: None

Foundations in Art is a prerequisite for all other art courses except Senior Art. This course provides the student with a foundation in fundamental art skills, aesthetics, color theory and composition. Drawing, painting, and ceramic projects are presented and supplemented with a variety of 2D and 3D projects.

## DRAWING 1

Credit: ½

Grades 10-12

Course #: 001125

Prerequisite: Foundations in Art

This course is designed to build on the drawing fundamentals experienced in Foundations in Art. The students will explore various techniques and dry medias such as pencil, colored pencil, chalk pastel and oil pastel.

## PAINTING 1

Credit: ½

Grades 10-12

Course #: 001135

Prerequisite: Foundations in Art

This course emphasizes the principles and elements of art through painting. Students gain experience with wet medias such as acrylic paint and oil paint.

## CERAMICS AND SCULPTURE ART DESIGN 1

Credit: ½

Grades 10-12

Course #: 001215

Prerequisites: Foundations in Art

This course is a continuation and refinement of the 3-D principles and techniques experienced in Foundations in Art. The course includes the exploration of various hand-building techniques with clay, several molding materials, and the creation of a variety of sculptural and ornamental forms.

# **ADVANCED CERAMICS AND SCULPTURE ART DESIGN 2**

Credit: ½

Grades 11-12

Course #: 001315

Prerequisites: Foundations in Art, Ceramics and Sculpture Art Design 1

This course helps students refine their ceramic skills in hand building and surface decoration with clay and a variety of molding materials. This course will also introduce the student to the potter's wheel and advanced sculptural and aesthetic ornamental techniques.

# **ADVANCED DRAWING AND PAINTING 2**

Credit: 1/2

Grades 11 - 12

Course #: 001235

Prerequisite: Foundations In Art, Drawing 1 and Painting 1

This course offers an advanced curriculum for students who would like more experience with drawing and painting. Students work with dry, wet and mixed media.

# **SENIOR ART**

Credit: ½

Grade 12

Course #: 001415

Prerequisite: None

This course is designed for the inexperienced artist interested in the enjoyment of several art forms such as clay, printmaking, and a variety of other art projects at the beginner level.

# **DIGITAL ART**

Credit: ½

Grades 10-12

Course #: 001325

Prerequisite: Foundations of Art and Digital Creative Apps.

This is an introductory class to digital art and graphic design with the use of technology to create artistic images, image manipulation, digital photography, graphic design, visual literacy, and the elements and principles of design in compositions. Art history and the evolution of technology incorporated into the arts will also be studied.

\*Digital Art may be used as a ½ credit Art or ½ credit Technology Elective, but not both.

# DRAFTING

Credit: 1

Grades 9-12

Course #: 020311

Prerequisite: None

This course is designed to introduce the fundamentals of drafting and design. Students will experience a variety of technical drawings to include Multiview Projections, Auxiliary Views, Object Shadowing, Isometric, Oblique and Perspective Drawings.

AutoCAD and 3D printing will be introduced. Students will individually compete in the KSPE Model Bridge Building Contest. Students are required to purchase special drafting equipment (approximately \$30). This course fulfills the fine arts credit needed for STA graduation.

# PRINCIPLES OF APPLIED ENGINEERING

Credit: ½ or 1

Grades 10-12

Course #: 020325

Prerequisite: Successful completion of Algebra 1

This course will lay a foundation for understanding innovative and creative design processes. Students will problem solve to design, build, and 3D print working models using multiple CAD programs such as Fusion 360, AutoCAD, TinkerCAD and SketchUp, as well as other programs and applications as appropriate. Students will be expected to compete in area engineering competitions. Additional fees will be required and will vary depending on the students' choice in projects.

# INTERIOR DESIGN

Credit: ½

Grades 10-12

Course #: 010335

Prerequisite: None

This course covers design topics including roof types and exterior architectural styles, floor plans and furniture arrangements, space and design of specific rooms, elements and principles of design, color, accessories, lighting, background treatments, and career information. Hands-on activities and experiences are emphasized. This course fulfills one half credit of the fine art requirement for graduation. Interior Design is taught in the Family and Consumer Science Department.

*NOTE: Interior Design will not meet the University of Missouri fine art requirement for admission.*

# FOREIGN LANGUAGES

Z = Zero Hour

H = Honors Course

CC = College Credit

KR = While the study of foreign languages is certainly recommended, NO Classes in the Foreign Language Department are required as part of the Qualified Admissions Approved Curriculum for KS Regents Universities; however, two years of the same foreign language is part of the Kansas Scholars Curriculum.

Saint Thomas Aquinas students are required to take three years of foreign language during their high school careers. There are 2 options:

1. Latin PLUS two years of the SAME modern foreign language. Students may select French, German or Spanish.

2. Three (3) years of the SAME modern foreign language. Students may select French, German or Spanish. When a student elects to enroll in a modern language their freshman year, he/she is committing to studying three years of the SAME language. Most students take Latin freshman year, then complete two additional years of the same modern foreign language. Some students elect to complete three years of the same language during high school; for these students the Latin requirement is waived. Students who already speak one of the foreign languages offered at Saint Thomas Aquinas at home are strongly urged to begin the study of a DIFFERENT language. The rationale for the foreign language requirement is to broaden the students' horizons, both academically and culturally. Studying a language that is new to them exposes students to a new culture, new customs and new opportunities. Should the student elect not to begin a language new to him/her, the student MUST take a placement test in the language they hope to study. For these students, the lowest level they may enter is level 2 (Spanish 2, French 2 or German 2), although the results of the test may indicate starting in a higher-level class.

The 8th Grade Placement TEST results are used to recommend the best foreign language progression for each student. If a student has successfully completed the first year of a modern language before entering 9th grade and plans to enroll in the second year as a 9th grader, he/she MUST take a language placement exam. These exams are given in the spring. When the student fills out his/her choice for a language class, he/she must remember that it is a tentative selection pending the results of the language placement exam. All student entering Saint Thomas Aquinas with prior foreign language experience who plan to continue in that language MUST take a placement test.

In each modern foreign language course, the students work to achieve the appropriate level of proficiency in listening, speaking, reading, writing and thinking in the target language. Those students who qualify academically may enroll in honors classes for Spanish 3,4, and 5, which are available for college credit through Johnson County Community College.

For those students who complete the highest level of French, German or Spanish taught at Saint Thomas Aquinas, the foreign language requirement is deemed complete.

## **FOREIGN LANGUAGE HONORS COURSES**

Saint Thomas Aquinas currently offers the following language honors classes: French 3 and 4, German 3 and 4, and Spanish 2, 3, 4 and 5. The prerequisite for foreign language honors courses is a minimum grade of 86% (without the extra 5 honors points) in the previous honors class OR a minimum grade of 94% in a regular English class. These grades are reliable indicators of students' success in the next course. Incoming students who want to enroll in Honors Spanish 2 or higher **MUST** take a placement test to ensure that they are prepared for the demands of the course. Students in honors courses will be evaluated and moved to a lower class if needed within the first month of the new school year.

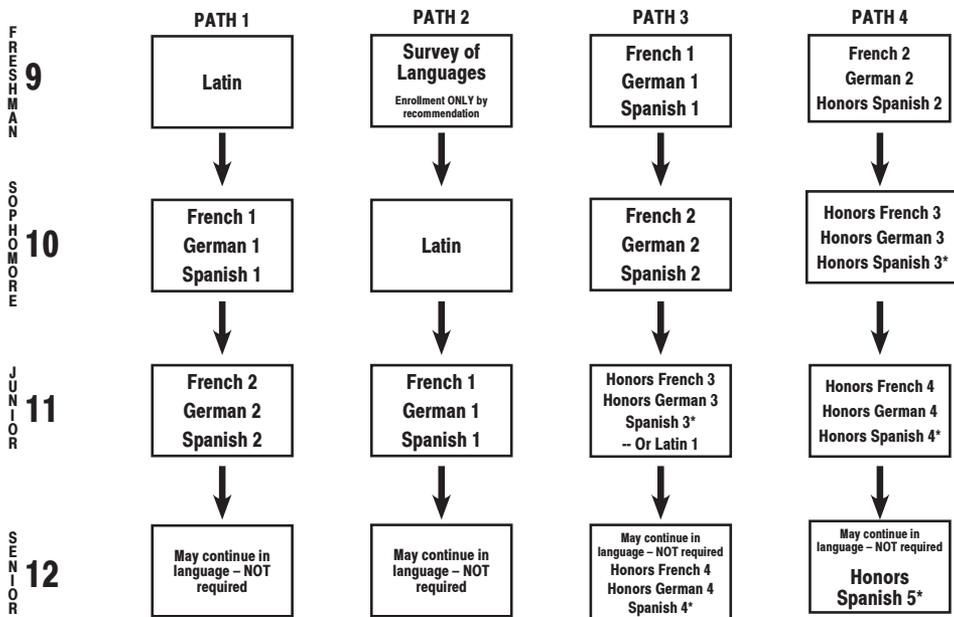
## **EXCHANGE OPPORTUNITIES**

Opportunities exist for STA students to spend time in countries where a foreign language is spoken. Opportunities to host students from other countries are also available. Saint Thomas Aquinas currently maintains exchange programs with a school in Germany and a school in France. Typically, the exchanges take place every other year. Our students travel to France and Germany and stay with French and German students in their homes. Our students reciprocate and act as hosts for students who visit from France and Germany. These opportunities are subject to change as conditions dictate. For the most up-to-date information, speak to the department chair, Lisa Stoecklein.

# VARIOUS PATHS AT SAINT THOMAS AQUINAS

# FOREIGN LANGUAGES

ALL SPANISH COURSES ARE AVAILABLE IN HONORS OR REGULAR



## LATIN

Credit: 1

Course #: 006121

Prerequisite: None

Grades 9-12

Latin 1 should be the starting place for a serious study of the modern languages and completion of STA's Foreign Language requirement. It will introduce the student to Latin, the ancient language of the Romans. A year of Latin will greatly enhance the student's knowledge of English vocabulary and how the grammar system of the English language works. These skills can greatly improve the student's ability to speak, write and understand English. This course will emphasize how Latin has affected and evolved into the modern languages offered at Saint Thomas Aquinas. A year of Latin before beginning French, Spanish or German will increase the student's chance of success and enjoyment in these modern languages. The knowledge of Roman culture gained from Latin will equip the student to appreciate and understand the culture of western civilization and the world we live in. Latin will also teach the student to appreciate the rich history and role that Latin has played in the Catholic church.

# **SURVEY OF FOREIGN LANGUAGES**

Credit: 1

Grade 9

Course #: 006031

Prerequisite: Counselor and teacher recommendation only

**THIS COURSE DOES NOT MEET NCAA CORE COURSE REQUIREMENTS.**

The survey of foreign languages introduces the student to modern languages. The course deals with the importance of language, both spoken and written, and introduces some of the fundamentals involved in studying and using a foreign language. The course includes review and practice of basic grammatical structures in languages. Primarily, the students deal with elements of French, German, and Spanish, and their relationship to the English language. Students study the cultures and customs of places in which these languages are spoken. This course is intended as an introductory offering before the formal study of Latin and a modern language.

## **GERMAN 1**

Credit: 1

Grades 9-12

Course #: 005111

Prerequisite: None

Students are introduced to the language, culture, geography, history, and current events of the Germanic countries. Students learn the basic grammatical structures and vocabulary. They have the opportunity to practice their skills in oral, written, and reading exercises. German customs will be studied as well as the relationship between German and English. German 2 will be the next course students select after the successful completion of German 1.

## **GERMAN 2**

Credit: 1

Grades 9-12

Course #: 005211

Prerequisite: Successful completion of German 1

German 2 students will continue to study grammatical structures. They will expand their vocabulary and work more seriously on their writing and speaking skills. German culture, history, and current events will continue to be an important part of the course. Fairy tales will be read and discussed. Students will be provided with many opportunities to improve their conversational skills.

## **HONORS GERMAN 3**

# **H**

Credit: 1

Grades 10-12

Course #: 005301

Prerequisite: 88% or teacher recommendation

Students in German 3 are introduced to poems, short stories, and stories from a variety of German authors. Students will have the opportunity to research a trip to a Germanic country and continue to develop their fluency in speaking, reading, and writing German. This course will include a comprehensive study of grammar, vocabulary, government, history and culture.

# HONORS GERMAN 4

**H**

Credit: 1

Grades 11-12

Course #: 005401

Prerequisite: 88% or teacher recommendation

German 4 students will review grammar, learn the passive voice, and past tense subjunctive. They will have the opportunity to improve their conversational, reading, writing, and listening skills through the study of photomontages and German post-World War II literature and creative writings.

# FRENCH 1

Credit: 1

Grades 9-12

Course #: 004121

Prerequisite: None

French 1 introduces students to the language and to the cultures of French-speaking regions throughout the world. Students develop elementary proficiency in the four language skills of listening, speaking, reading, and writing. Readings, activities and projects increase language learning as well as knowledge of culture and customs. Catholic holidays provide an opportunity to enhance student's vocabulary, enjoyment and spiritual direction.

# FRENCH 2

Credit: 1

Grades 9-12

Course #: 004211

Prerequisite: Successful completion of French 1

French 2 helps students further develop language proficiency in French, concentrating on listening, speaking, reading, and writing skills. Students continue their study of the cultures of francophone countries throughout the world, through readings, projects and classroom activities. Conversation is emphasized in the classroom. Catholic holidays enhance linguistic and spiritual goals.

# HONORS FRENCH 3

**H**

Credit: 1

Grades 10-12

Course #: 004301

Prerequisite: 88% or Teacher recommendation

Honors French 3 aims to increase students' ability to communicate and to develop confidence in his/her self-expression in French. Language skills are emphasized and students are expected to express themselves in French during class. This course will include a comprehensive study of grammar, vocabulary, geography, and history. Supplementary literature and other activities are incorporated to enhance linguistic and spiritual goals.

# HONORS FRENCH 4

**H**

Credit: 1

Grades 11-12

Course #: 004401

Prerequisite: 88% in Honors French III or Teacher recommendation

Honors French 4 aims to refine the language skills that the students have already acquired. Grammar, composition, vocabulary development, and cultural appreciation are highlighted while studying French literature, history, and engaging in activities requiring higher-level thinking skills. French is the primary language spoken in class.

# SPANISH 1

Credit: 1

Grades 9-12

Course #: 007121

Prerequisite: None

Spanish 1 is a course designed to enable the beginning Spanish student to attain an elementary degree of proficiency in listening, speaking, reading, and writing. The cultures and customs of Spanish-speaking countries are studied through readings and classroom activities and projects.

# SPANISH 2

Credit: 1

Grades 9-12

Course #: 007211

Prerequisite: Successful completion of Spanish 1

Spanish 2 is designed to strengthen the four skills of listening, speaking, reading, and writing. Vocabulary, verb conjugations, verb tenses, and other grammatical concepts are reinforced through various learning activities and games. Students study grammar rules and verb tenses in greater depth than in Spanish 1. The cultures and customs of Spanish-speaking countries are studied.

# HONORS SPANISH 2

**H**

Credit: 1

Grades 9-12

Course #: 007201

Prerequisite: Teacher recommendation and 94% or above in Spanish 1 or successful completion of placement exam for Honors Spanish 2

Honors Spanish 2 is designed to challenge the student who is proficient in Spanish or who intends to continue his/her language studies in Spanish 3 and 4. The same curriculum as in Spanish 2 is taught but in greater depth and at a faster pace. Students who are planning the four-year progression of Spanish should seriously consider Honors Spanish 2.

## **SPANISH 3**

Credit: 1

Grades 9-12

Course #: 007311

Prerequisite: Successful completion of Spanish 2 & teacher recommendation

Spanish 3 continues the study of grammar structures and vocabulary of the language. Reading, writing, and conversation in Spanish are emphasized. Use of the language in the classroom is expected and the study of the cultures of the Spanish-speaking world is continued.

## **HONORS SPANISH 3**

**H, CC**

Credit: 1 (College Credit Available)      Grades 9-12

Course #: 007301    JCCC FL 130

Prerequisite: Teacher recommendation, 94% or above in Spanish 2 or successful completion of placement exam for Honors Spanish 3

Course Fee: Current tuition at JCCC is assessed if college credit is desired.

Honors Spanish 3 continues the study of grammar structures and vocabulary of the Spanish language. Reading and writing in the language are emphasized. Creating in the language is encouraged through skits, original writings, plays, speeches, and other projects. Students are expected to express themselves in Spanish during class. College credit is available for those students who register through JCCC and pay the cost per credit hour.

## **SPANISH 4**

Credit: 1

Grade 11- 12

Course #: 007411

Prerequisite: Successful completion of Spanish 3 (NOT Honors Spanish 3)

Regular Spanish 4 continues the study of the grammar structures and vocabulary of the Spanish language. Reading, writing, and speaking in the language are emphasized. Creating in the language is encouraged through skits, original writings, speeches and other projects. Students are expected to express themselves in Spanish during class. The class also continues the study of the cultures of the Spanish-speaking world.

## **HONORS SPANISH 4**

**H, CC**

Credit: 1 (College Credit Available)      Grades 10-12

Course #: 007401 JCCC FL 131

Prerequisite: Grade of 86% in Honors Spanish 3 OR 94% in Spanish 3

Course Fee: Current tuition at JCCC is assessed if college credit is desired.

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

## **HONORS SPANISH 5**

**H, CC**

Credit: 1 (College Credit Available)

Grades 10-12

Course #: 007501 JCCC FL 230

Prerequisite: Grade of 86% in Honors Spanish 4

Course Fee: Current tuition at JCCC is assessed if college credit is desired.

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

# MATHEMATICS

Z = Zero Hour

H = Honors Course

CC = College Credit

KR = Not included in the Qualified Admissions Approved Curriculum for KS Regents Universities. Remember the Kansas Scholars Curriculum requires four years of math.

Saint Thomas Aquinas High School requires three years of math to graduate but recommends that all students take four years of math. The Math Department offers an extensive list of classes to assist students in attaining their future goals. Freshmen classes include Algebra I, Honors Algebra I, Honors Geometry, Honors Algebra I/Honors Geometry, or Honors Algebra. An additional option for freshmen is to take both Honors Algebra 2 and Accelerated Honors Geometry. Courses higher than Honors Algebra 1 are by invitation only from the Math Department Chair.

Since Algebra 1 is a foundation for future math, an Algebra test-out test is given in March to students who feel they have completed Algebra I. Those students who have also completed a full high school level course in Geometry may take the Geometry test-out. The department uses the test-outs along with placement tests to determine if a 9th grader will be placed in a math class above Honors Algebra 1. Course selections will be adjusted following Spring test-outs, if necessary. The objective of placement is to challenge students while developing their math skills at an appropriate pace.

There are multiple opportunities for students to earn college credit:

Dual enrollment with Johnson County Community College: College Algebra, AP Statistics, AP Calculus AB, AP Calculus BC.

Advanced Placement exam: AP Precalculus, AP Statistics, AP Calculus AB, AP Calculus BC.

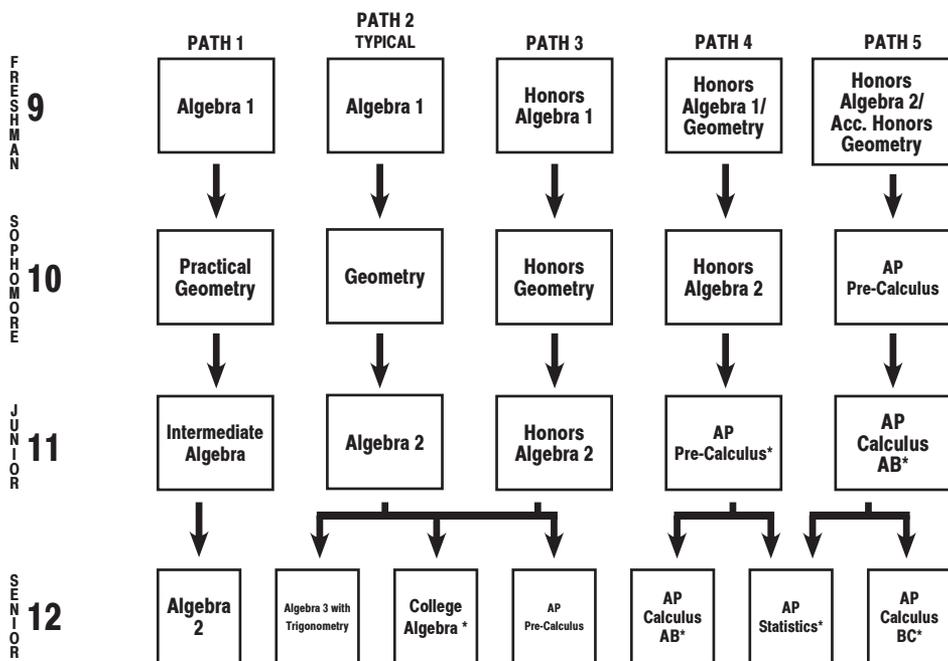
Calculator Requirement:

All students are required to have a Texas Instruments TI-84+ calculator.

## MATHEMATICS HONORS & AP CLASSES

Prerequisite: Generally, students should have a minimum grade of 86% in a preceding honors class or a minimum grade of 95% in a regular class before enrolling in an honors class.

# VARIOUS PATHS AT SAINT THOMAS AQUINAS MATHEMATICS



## ALGEBRA 1 AND MATH LAB

Credit: 1 Algebra + 1 Elective

Grade 9

Course #: 040003, 040122

Prerequisite: Recommendation by counselor only

Algebra 1 with Math Lab occupies 2 classes in a student's schedule. The course covers the same content as Algebra 1 but at a slower pace. Since it meets every day, students will receive extra practice, support, and instruction from their Algebra teacher. The course offers an introduction to higher mathematics, providing the language and basics for mathematics above the level of arithmetic. Topics covered are: 1) simplifying variable expressions; 2) solving and graphing linear equations and inequalities; 3) factoring, graphing, and solving quadratic equations; 4) operations with rational expressions and equations; 5) simplifying radical expressions and solving radical equations; 6) an introduction to functions. Placement in Algebra 1 with Math Lab will be re-evaluated at the end of the semester.

# ALGEBRA 1

Credit: 1

Grades 9

Course #: 040121

Prerequisite: None

This course offers an introduction to higher mathematics, providing the language and basics for mathematics above the level of arithmetic. Topics covered are: 1) simplifying variable expressions; 2) solving and graphing linear equations and inequalities; 3) factoring, graphing, and solving quadratic equations; 4) operations with rational expressions and equations; 5) simplifying radical expressions and solving radical equations; 6) an introduction to functions.

# HONORS ALGEBRA 1

# H

Credit: 1

Grade 9

Course #: 040101

Prerequisite: None

The accelerated Algebra 1 course covers the same topics as Algebra 1, but in much greater depth and faster pace. Students can take this course as their first mathematics course (grade 9).

# PRACTICAL GEOMETRY

Credit: 1

Grades 10

Course #: 040211

Prerequisite: Algebra I and teacher recommendation

In this course will include a review of Algebra 1 concepts. Topics include: 1) congruencies of line segments, angles, and triangles; 2) applications of parallel and perpendicular lines; 3) measurements of polygons and circles; and 4) coordinate geometry. Formal proofs are not emphasized. Intermediate Algebra or Algebra 2 should be the next level of math after successfully completing Practical Geometry.

# GEOMETRY

Credit: 1

Grades 10

Course #: 040221

Prerequisite: Successful completion of Algebra 1

This course is designed to: 1) increase spatial perception; 2) develop reasoning and logic skills; 3) classify figures in terms of congruence and similarity and apply these relationships; 4) deduce properties of, and relationships between figures from given assumptions through exploring and using a hands-on approach. Students are encouraged to make generalizations based on observations through the use of concrete material.

*NOTE: Students who have completed the Practical Geometry course may not enroll in this class.*

# HONORS GEOMETRY

**H**

Credit: 1

Grades 9-10

Course #: 040201

Prerequisite: For 9th graders: Algebra 1 test-out and Math Department Chair invitation. For 10th graders: Successful completion of Algebra 1 or Honors Algebra 1 with teacher recommendation.

Honors Geometry covers the same topics as the regular Geometry course, but in greater depth and faster pace. A greater emphasis will be placed on proofs. Testing out of Algebra I is required prior to freshmen enrollment.

# ACCELERATED HONORS GEOMETRY **H**

Credit: ½

Grades 9-10

Course #: 040203

Prerequisite: By invitation of the Math Department Chair only

This is a fast-paced course that covers Honors Geometry in the spring semester. The course is designed for the very advanced math student who is also taking a full year course of Honors Algebra 2. Students who take this course are positioned to study Calculus 1 or Calculus 2 before graduation. Students must demonstrate advanced ability through standardized test scores, grades, and department head recommendation.

# HONORS ALGEBRA 1/ HONORS GEOMETRY

**H**

Credit: 1

Grade 9

Course # 040103

Prerequisite: By invitation of the Math Department Chair only

This is a fast paced course that combines Honors Algebra 1 and Honors Geometry with an emphasis in Geometry. It is designed for the very advanced student who has had exposure to Algebra 1 and wants to study calculus before graduation. Placement Test Scores and Algebra 1 test-out results will be used to determine eligibility. To ensure future success, students must maintain an 86% at the end of semester 1 or they will be moved to Honors Algebra 1 for semester 2.

# INTERMEDIATE ALGEBRA

Credit: 1

Grades 11

Course #: 040311

Prerequisite: Algebra 1 and Geometry (practical or regular) and teacher recommendation.

The course is designed to review, strengthen, and further develop topics covered in Algebra I. It also introduces and develops topics in Algebra 2. This course is for students who are not yet ready for Algebra 2. Average or above-average math students should take Algebra 2. Intermediate Algebra is a good transition into Algebra 2.

*NOTE: THIS COURSE DOES NOT COUNT AS A CORE COURSE FOR THE NCAA CLEARINGHOUSE.*

## **ALGEBRA 2**

Credit: 1

Grades 10-12

Course #: 040321

Prerequisite: Algebra 1 and Geometry

This course is designed to deepen a student's understanding of Algebra. Topics covered are: 1) operations with rational, irrational, and complex expressions; 2) solving and graphing linear, quadratic, rational, exponential and logarithmic functions; 3) conic sections; 4) matrices.

## **HONORS ALGEBRA 2**

## **H**

Credit: 1

Grades 9-11

Course #: 040301

Prerequisite: Successful completion of Honors Algebra 1 and Honors Geometry or Teacher recommendation from Reg. Algebra and Geometry

The honors course covers the same topics as the regular course, but in much greater depth and at a faster pace.

## **ALGEBRA 3 WITH TRIG**

Credit: 1

Grades 11-12

Course #: 040431

Prerequisite: Successful completion of Algebra 2

This course is designed to prepare students for college algebra, which is a requirement in most colleges and universities. It includes an expansion of Algebra 2 concepts and an introduction to trigonometry. Topics include: 1) right triangle trigonometry; 2) circular trigonometry; 3) trigonometry equations; 4) basic trigonometry graphing and identities; 5) polynomial functions; 6) rational functions; 7) logarithmic and exponential functions; 8) graphing functions; and 9) sequences and series.

## **AP STATISTICS**

## **H, CC**

Credit: 1 (College credit available)

Grade 11-12

Course #: 040630 JCCC MATH 181

Prerequisite: Successful completion of Honors Algebra 2. Concurrent enrollment in College Algebra, Honors Pre-Calculus, Honors Calculus, Honors Calculus is allowed.

Course Fee: Current tuition at JCCC is assessed if college credit is desired.

This course is the study of statistics and includes: 1) Descriptive Statistics, 2) Probability, 3) Hypothesis Testing, 4) Correlation and Regression, and 5) Design, Sampling, and Report Writing. This year-long course is an introductory course in statistical analysis, equivalent to a one-semester college course in statistics.

Students enrolled in this course may also earn college credit through JCCC College Now, and JCCC tuition fees will apply. To enroll in JCCC for this class, students must meet placement requirements at JCCC. College credit is also available for student who choose to take the AP test in May.

# COLLEGE ALGEBRA WITH TRIG

**CC**

Credit: 1 (College credit available)

Grades 11-12

Course #: 040420 JCCC MATH 171

Prerequisite: Successful completion of Honors Algebra 2 or Algebra 2 with teacher recommendation.

Fees: Current tuition at JCCC is assessed if college credit is desired.

This course is the study of functions and their graphs, techniques of solving equations, and applications. Students will analyze and graph constant, linear, quadratic, piecewise-defined, polynomial, rational, exponential, and logarithmic functions; solve higher-degree equations and inequalities; and use matrices. The course includes an introduction to trigonometry including right triangle trigonometry, circular trigonometry, equations, and graphing. It is designed to give a thorough background for college-bound students.

Students enrolled in this course may earn 3 hours optional college credit through JCCC Quickstep, and JCCC tuition fees will apply. To enroll in JCCC for this class, students must meet placement requirements at JCCC. Students are encouraged to meet these required scores before the semester begins. JCCC enrollment occurs in the Fall.

# AP PRECALCULUS

**H**

Credit: 1

Grades 10-12

Course #: 040600

Prerequisite: Completion of Honors Algebra 2 with 86% and teacher recommendation. Completion of Algebra 2 with 96% and teacher recommendation.

This course is designed to prepare students for college-level calculus. AP Precalculus fosters the development of a deep conceptual understanding of functions. Students acquire and apply mathematical tools in real-world modeling situations. Students study functions through graphical, numerical, analytical, and verbal representations. Students develop skills solving equations and manipulating expressions for the many function types throughout the course.

They study functions and their compositions, inverses, and transformations, and they use attributes to solve problems in applied contexts. The functions studied include polynomial, rational, exponential, logarithmic, trigonometric, and polar functions. College credit is available for students who choose to take the AP test in May.

# AP CALCULUS AB

**H, CC**

Credit: 1 (College credit available)

Grade 11-12

Course #: 040610 JCCC MATH 241

Prerequisite: Successful completion of Honors Pre-Calculus with Trig with teacher recommendation.

Course Fee: Current tuition at JCCC is assessed if college credit is desired.

This course provides an understanding of differential and integral calculus from an algebraic and geometric perspective. Techniques and applications of differentiation and integration are developed. Students may earn credit through Advanced Placement examination in May. Students enrolled in this course may earn 5 hours optional college credit through JCCC College Now, and JCCC tuition fees will apply. To enroll in JCCC for this class, students must meet placement requirements at JCCC. Students are encouraged to meet these requirements before the semester begins. JCCC enrollment occurs in the Fall. College credit is also available for students who choose to take the AP test in May.

# AP CALCULUS BC

**H, CC**

Credit 1 (College credit available)

Grade 12

Course #: 040620 JCCC MATH 242

Prerequisite: Successful completion of Calculus 1/AP Calculus AB with an 80% or higher in the second semester

Course Fee: Current tuition at JCCC is assessed if college credit is desired. To obtain credit at JCCC you must have received credit for Calc 1 at JCCC or have earned a 5 on the Calc AB AP exam.

This course is a continuation of the concepts introduced in Calculus 1. Additional applications of differentiation and integration are developed. Students may earn credit through Advanced Placement examination in May. Students enrolled in this course may earn 5 hours optional college credit through JCCC College Now, and JCCC tuition fees will apply. To enroll in JCCC for this class, students must have received credit for Calc 1 at JCCC or have earned a 3 on the Calc AB AP exam. College credit is also available for student who choose to take the AP test in May.

# **PRACTICAL ARTS**

## **FAMILY & CONSUMER SCIENCE**

### **PHYSICAL EDUCATION**

Z = Zero Hour

H = Honors Course

CC = College Credit

KR = NO Classes in the Practical Arts Department are included in the Qualified Admissions Approved Curriculum for KS Regents Universities

The Family and Consumer Science department offers courses in Foods and Nutrition, Clothing, Interior Design and Child Development. Classes are one semester in length and include primarily hands-on types of activities. These courses are typically taken by upper class students, and fulfill requirements for electives. The Interior Design course fulfills a Fine Arts credit.

The Physical Education department requires students to take PE 9/Health as freshmen and PE 10/Health as sophomores (each one semester). Elective courses such as Weight Training 1 and 2, and Advanced PE are available during the junior and senior years. The focus for all PE courses includes fitness, lifetime sports and individual wellness. PE is also available as a summer school course.

Drafting is an introduction to the industry. AutoCAD is introduced. Students are expected to purchase basic drafting equipment to use in class.

## **PHYSICAL EDUCATION**

No more than two credits of Physical Education (four semesters) may be applied toward the 27 total credits required for graduation.

KR = NO Classes in the Physical Education Department are included in the Qualified Admissions Approved Curriculum for KS Regents Universities

## **PHYSICAL EDUCATION & HEALTH 9**

Credit: ½

Grade 9

Course #: Girls 050115, Boys 050175, FB 050179 (Sem 1)

Prerequisite: None

PE/Health is a required course for freshmen. Students participate in individual, team, and lifetime sports with an emphasis on overall improvement of physical fitness. Health topics include fitness, nutrition, healthy relationships, and emotional health.

# PHYSICAL EDUCATION & HEALTH 10

Credit: ½

Grade 10

Course #: Girls 050215, Boys 050275, FB 050279 (Sem 1)

Prerequisite: Successful completion of Physical Education & Health 9

Physical Education/Health 10 is required for sophomores. This course builds on activities and skills learned during PE/Health 9, continuing the emphasis on improvement of physical fitness. Health topics include lifestyles and infectious diseases; emergency measures; and awareness of drug, alcohol, tobacco use and abuse.

## ADVANCED PHYSICAL EDUCATION

Credit: ½

Grades 11-12

Course #: 050315 boys / 050335 girls

Prerequisite: PE and Health 9 & 10 and teacher recommendation

This course is designed with an emphasis upon lifetime fitness and activities. In addition to being physically active, the students will continue to explore sports, games, and activities they can incorporate into their daily lives as adults.

## BOYS' WEIGHT TRAINING

Credit: ½

Grades 11-12

Course #: 1 - 050415, 2 - 050425

Prerequisite: Successful completion of Physical Education and Health 9 and 10

Proper lifting form and technique are taught in this class. Conditioning, running and plyometrics are also incorporated into the course. Basic muscular function and different modes of weight training are taught. The course offers flexibility to help athletes who are in season or out of season as well as training programs for non-athletes to improve overall strength and physical fitness.

## GIRLS' WEIGHT TRAINING

Credit: ½

Grades 11-12

Course #: 1 - 050435, 2 - 050445

Prerequisite: Successful completion of Physical Education & Health 9 and 10

Proper lifting form and techniques for the female athlete are taught in this class. This course is designed to help student-athletes both during their sport season and in preparation for their sport season. A general training and conditioning program is included for those interested in a lifetime fitness activity.

## FB WEIGHTS 9

Credit: ½ Elective Physical Education

Grade 9

Course #: 050135 (Sem 2)

Proper lifting form and technique are taught in this class. The class is graded using Hang Clean, Bench, Squat scores based on norm standards for grade and weight. Leadership and daily points are also included.

\* *This course is an elective credit.*

# **FAMILY AND CONSUMER SCIENCE**

KR = NO Classes in the Family and Consumer Science Department are included in the Qualified Admissions Approved Curriculum for KS Regents Universities

## **CHILD DEVELOPMENT**

Credit: ½

Grades 11-12

Course #: 010315

Prerequisite: None

This course teaches students how humans develop and how to care for children. Units include responsibilities of parenthood; family structures; conception, pregnancy and childbirth; and the physical, social and emotional development of infants and toddlers. Students have the opportunity for a baby care simulation using an electronic “Real Care Baby”.

## **SKILLS FOR LIVING**

Credit: ½

Grade 12

Course #: 010325

Prerequisite: None

This course provides basic information and teaches skills for living on your own. Topics include money and time management, selecting a living space, living with a roommate, nutrition, laundry and clothing repair.

## **FOODS 1**

Credit: ½

Grades 9-12

Course #: 010215

Prerequisite: None

This one semester course emphasizes meal planning and food preparation techniques. In a laboratory setting, evaluation of food products, background nutritional information, and care of the kitchen are also included. Students practice basic cooking skills by following safety, sanitation, and nutritional guidelines. This course is designed to encourage an interest in issues relating to food and nutrition.

## **FOODS 2**

Credit: ½

Grades 11-12

Course #: 010225

Prerequisite: Successful completion of Foods and Nutrition and Teacher Recommendation

This one semester course includes the study of International Foods. Students expand skills developed in Foods and Nutrition with new cooking situations and apply these new talents during practical laboratory experiences.

# INTERIOR DESIGN

Credit: ½

Grades 10-12

Course #: 010335

Prerequisite: None

This course covers design topics including roof types and exterior architectural styles, floor plans and furniture arrangements, space and design of specific rooms, elements and principles of design, color, accessories, lighting, background treatments, and career information. Hands-on activities and experiences are emphasized. This course fulfills one half credit of the fine art requirement for graduation.

*NOTE: Interior Design will not meet the University of Missouri fine art requirement for admission.*

# DRAFTING

Credit: 1

Grades 9-12

Course #: 020311

Prerequisite: None

This course is designed to introduce the fundamentals of drafting and design. Students will experience a variety of technical drawings to include Multiview Projections, Auxiliary Views, Object Shadowing, Isometric, Oblique and Perspective Drawings.

AutoCAD and 3D printing will be introduced. Students will individually compete in the KSPE Model Bridge Building Contest. Students are required to purchase special drafting equipment (approximately \$30). This course fulfills the fine arts credit needed for STA graduation.

# PRINCIPLES OF APPLIED ENGINEERING

Credit: ½ or 1

Grades 10-12

Course #: 020325

Prerequisite: Successful completion of Algebra 1

This course will lay a foundation for understanding innovative and creative design processes. Students will problem solve to design, build, and 3D print working models using multiple CAD programs such as Fusion 360, AutoCAD, TinkerCAD and SketchUp, as well as other programs and applications as appropriate. Students will be expected to compete in area engineering competitions. Additional fees will be required and will vary depending on the students' choice in projects.

\* This class can be taken as a 1/2 or a 1 credit course.

# SCIENCE

Z = Zero Hour

H = Honors Course

CC = College Credit

KR = Not included in the Qualified Admissions Approved Curriculum for KS Regents Universities because the course is a higher level and the requirement has been met by the prerequisite.

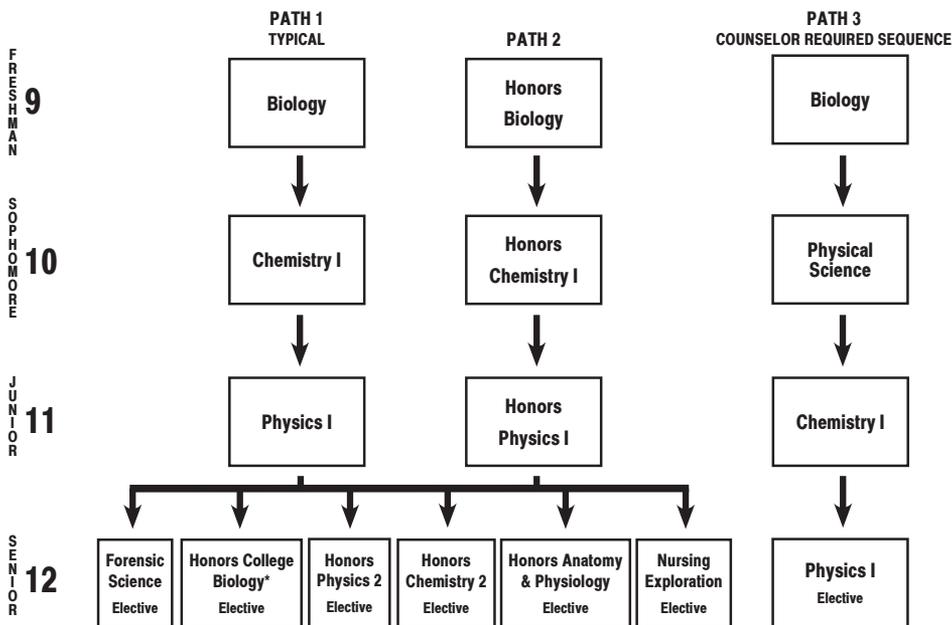
The sciences relate the study of the natural world through observation. St. Thomas Aquinas, Patron Saint of Students, was a student of St. Albert the Great, Patron Saint of Science, providing a unique opportunity for integration of faith and reason into the classroom content through historical connections. The curriculum is based upon Next Generation Science Standards adopted by the State of Kansas in accordance with the Saint Thomas Aquinas High School mission statement and Catholic faith.

Content knowledge is developed through strategies that incorporate varied assessments in critical literacy, analytical analysis, and modeling for explaining observations in the life and physical sciences. Practices are built around an inquiry-based learning environment for creative and collaborative opportunities so each student may be a contributing member of the learning community. Meaningful learning outcomes for furthering student interest and study are an important value of the curriculum.

Laboratory technology is used as a tool in conjunction with the BYOD school policy for activating student interest and increasing productivity both inside and outside the classroom.

Three years of science are required by the State of Kansas, based on a typical sequence of Biology (Honors/Regular), Chemistry 1 (Honors/Regular), and Physics 1 (Honors/Regular). Students who complete the required sequence in the first three years are provided options to develop further their interests and may choose from College Biology, Honors Chemistry 2, Honors Physics 2, Honors Anatomy/Physiology and Forensic Science. Prerequisites help students select the appropriate class placement. Senior level science courses and curriculum are structured through advanced college level texts and lab activities that model college.

# VARIOUS PATHS AT SAINT THOMAS AQUINAS SCIENCE



## BIOLOGY

Credit: 1

Grades 9

Course #: 060121

Prerequisite: None

Biology is the scientific study of life. This course is an introduction to the understanding of living organisms and vital processes in conjunction with the appreciation of life. Content includes the study of inheritance, history of life, microbes, plants, animal diversity and ecology.

## HONORS BIOLOGY

Credit: 1

Grades 9

Course #: 060110

Prerequisite: Concurrent enrollment in H English 9 & H Algebra 1 or higher

Biology is the scientific study of life. This course strives for an in-depth understanding of living organisms, including bacteria, plants, and animals, and the processes vital to life, along with appreciation of life. Honors biology is a fast-paced, rigorous course that incorporates laboratory work and technology to enhance student learning.

# PHYSICAL SCIENCE

Credit: 1

Grade 10

Course #: 060341

Prerequisite: Biology and teacher recommendation

This course is a study of fundamental physics and chemistry principles. It provides a foundation for future science courses while encouraging problem-solving and study skills, as well as organizational and class time management skills. Students will be observing, measuring, classifying, interpreting data, graphing and forming conclusions through lab-based activities and demonstrations.

# CHEMISTRY 1

Credit: 1

Grades 10-12

Course #: 060221

Prerequisites: Successful completion of Biology

Chemistry is the science that deals with the structure and properties of matter and the changes that occur. This course is designed to acquaint students with scientific methodology and to provide a quantitative and qualitative approach to the understanding of matter and energy. This is done in accordance with the NGSS guidelines and will cover a variety of topics including: periodic law, atomic structure, chemical bonds and stoichiometry. Special emphasis is placed on problem solving and using mathematical skills. Newly acquired chemistry knowledge is applied to everyday life. Regular lab exercises are an important part of this course.

# HONORS CHEMISTRY 1

# H

Credit: 1

Grades 10-12

Course #: 060201

Prerequisite: 86% or higher in H Biology and Honors Algebra 1 or 94% or higher in Biology and Algebra 1

This course introduces students to chemical concepts by relating the structure of matter to its function, periodic law, energy exchanges in chemical reactions, and electromagnetic radiation. Topics are covered in a more in-depth mathematically-oriented manner than Chemistry I. Student-centered laboratory and computer investigations provide students with a variety of ways to develop models, interpret information, analyze data and develop critical thinking skills in accordance with the NGSS guidelines.

# HONORS CHEMISTRY 2

**H**

Credit: 1

Grades 12

Course #: 060405

Prerequisite: Successful completion of Biology, Chemistry, and Physics, Algebra 2; concurrent enrollment in College Algebra or higher is suggested (honors courses preferred and advised) with the grade of 86% or better.

Recommended cum GPA 90%

This course is designed to increase students' knowledge of general chemistry by studying the topics introduced in Chemistry 1 in further depth. Some topics covered will be relating atomic structure to chemical systems, calculating the amount of material used in chemical reactions, using the periodic table as an aid to understand chemical systems and interpret chemical reactions. This is a laboratory-based course. Students will complete a series of lab investigations that enhance the knowledge learned in the lectures.

# PHYSICS 1

Credit: 1

Grades 11-12

Course #: 060321

Prerequisite: Successful completion of Biology and Chemistry

Physics is the study of the fundamental laws of nature related to matter and energy. This course is an introductory course for the study of the classical Physics for explaining the natural world that surrounds us. Content includes kinematics, mechanics, wave theory, sound, light, and electricity. Basic analytical skills along with practices to develop critical literacy for applying the laws of Physics are incorporated into varied assessments for development of content knowledge. The course includes hands on laboratory activities for development of understanding use 2D to 3D modeling for meaningful learning opportunities utilizing NGSS guidelines.

# HONORS PHYSICS 1

**H**

Credit: 1

Grades 11-12

Course #: 060301

Prerequisite: Successful completion of Biology and Chemistry; concurrent enrollment in Honors Algebra 2 or higher.

Physics is the study of the fundamental laws of nature related to matter and energy. This course is the study of the models used to explain and understand the natural world that surrounds us. Based on the math prerequisites, problem solving will include a greater emphasis on analytical skills and laboratory analysis for development of the content areas of kinematics, mechanics, wave theory, sound, light, and electricity. The course includes experiential learning laboratory activities as well as 2D to 3D modeling for meaningful learning opportunities (NGSS Framework).

# HONORS PHYSICS 2

**H**

Credit: ½

Grade 12

Course #: 060505

Prerequisite: Successful completion of Biology, Chemistry, Physics and Algebra 2; concurrent enrollment in College Algebra or higher is suggested (honors courses preferred and advised) with the grade of 86% or better.

Recommended cum GPA 90%

Physics is the study of the fundamental laws of nature related to matter and energy. This course connects prior knowledge from Physics I with new content and greater depth in the study in electricity, magnetism, heat, and light. The course adds greater depth into analytical reasoning and use of laboratory technology for modeling laws related to content. Both engineering and scientific practices are used for connecting content to meaningful learning opportunities and provide students the opportunity to explore further educational study in the sciences.

# HONORS COLLEGE BIOLOGY

**H, CC**

Credit: 1

Grade 12

Course #: 060401 JCCC BIOL 135

Prerequisite: Successful completion of Biology, Chemistry and Physics

Recommended cum GPA 90% and concurrent enrollment in College Algebra or higher

Honors College Biology is an introductory college biology class that integrates lecture and laboratory. This year-long class is fast-paced and rigorous with five unit tests per semester and a final exam. Subjects covered include basic biochemistry, cell structure and function, cellular metabolism, Mendelian inheritance, natural selection and evolution, cell physiology, and development of plants and animals from the single-celled stage to the embryonic stage.

NOTE: Current tuition at JCCC is assessed if college credit is desired. Students may sign up for 4 hours JCCC credit.

# HONORS ANATOMY/PHYSIOLOGY

**H**

Credit: ½

Grade 12

Course #: 060425

Prerequisite: Successful completion of Biology, Chemistry, and Physics

Recommended cum GPA 90% and concurrent enrollment of College Algebra or higher

This course is designed for students contemplating careers in a medical profession. Structure and function of the systems of the human body are explored. Regular classroom work is enhanced with laboratory activities, including small animal dissection. Careers utilizing anatomy and physiology are introduced. Students are expected to survey current events related to the course. Units covered include skeletal, excretory, digestive, circulatory, nervous, respiratory and reproductive systems.

# FORENSIC SCIENCE

Credit: 1/2

Grade 12

Course #: 060430

Prerequisites: successfully completion of Biology, Chemistry, and either Physical Science or Physics.

Forensic science will introduce students to the basics of forensic science. This course offers extensive laboratory experience that integrates the concepts learned in biology, chemistry and physics to strengthen individual skills in scientific reasoning and observation. Using inquiry based settings, students will learn basic scientific and mathematical methods and models required in forensic science. Topics including: history, physical evidence, legal aspects, death investigation, toxicology, document analysis and trace evidence. Students will perform a wide range of forensic science techniques.

# NURSING EXPLORATION

Credit: ½ (Sem 1)

Grade 11-12

Course #: 060700

Prerequisite: Must be a Junior or Senior with an 85% or higher g.p.a. Students must enroll for college credit.

Nursing Exploration is designed for students to discover and examine the nursing profession, including specific roles and responsibilities. Students will investigate diverse professional opportunities, professional standards, and competencies. Students will develop a foundation for essential knowledge and skills including professional mentoring and networking to promote success as a nursing student. Course content will be presented in a hybrid format, including didactic instruction, skills labs, and simulation experiences in both on-site and off-site locations. The course will be taught by Nursing faculty from St. Luke's College of Nursing at Rockhurst University and moderated by a faculty member at Saint Thomas Aquinas High School.

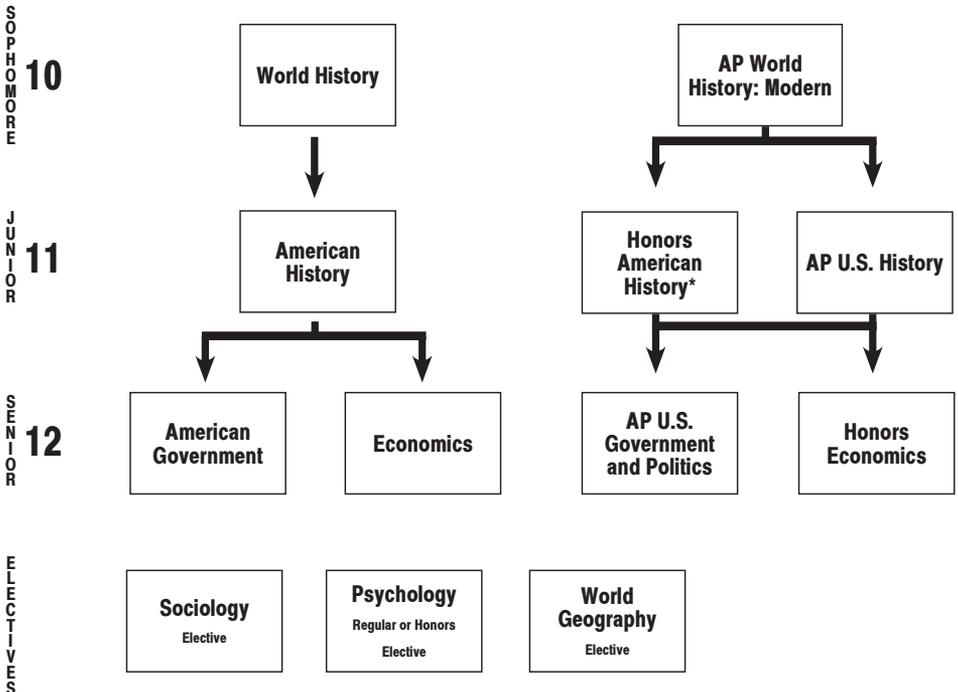
# SOCIAL STUDIES

The mission of Social Studies education in the Archdiocese of Kansas City in Kansas is to prepare students to evaluate and to act upon socially significant material 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.

World History is required for students in the sophomore year. A full year of American history is required of all juniors. American government and economics are required of all seniors. Typical social studies selections for a Saint Thomas Aquinas student is as follows:

KR = Not included in the Qualified Admissions Approved Curriculum for KS Regents Universities. Remember ½ credit of World History is required if you are trying to be admitted to one of the Kansas Regents universities based on grade point within the approved curriculum.

## VARIOUS PATHS AT SAINT THOMAS AQUINAS SOCIAL STUDIES



# **WORLD HISTORY**

Credit: 1

Grades 10

Course #: 070151

Prerequisite: None

This course uses an investigative method to introduce students to the seven cultural regions of the world. The focus of this course is on the history, geography, culture, economics, government and current events of the seven regions.

# **AP WORLD HISTORY: MODERN**

Credit: 1

Grade 10

Course #: 070600

Prerequisite: None, but concurrent enrollment in Honors English is recommended. Students should be very strong readers and writers, capable of college level work.

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. There are no prerequisites for AP World History: Modern. Students should be able to read a college-level textbook and write grammatically correct, complete sentences. Students taking this class will be required to take the AP exam.

# **AMERICAN HISTORY**

Credit: 1

Grade 11

Course #: 070311

This history of the United States includes sequential and cause and effect relationships that have shaped our nation and the world in the twentieth century. The course includes: America in Transition from Rural to Urban, Agrarian to Industrial, Provincial to Progressive and America's Entrance into the World Community after WWI. It also includes: Post WWII America to the Present, the Cold War Era, the Civil Rights Struggle of the '50s and '60s, the Vietnam War of the 60s, the Resurgence of Conservatism in the 80s, and the Persian Gulf War in the 90s. The course includes all the cultural, economic, political and social factors that affect life in America today. This is the regular junior year social studies selection.

# HONORS AMERICAN HISTORY

**H, CC**

Credit 1 (College credit available)

Grade 11

Course #: 070301 JCCC HIST141

Prerequisite: Concurrent enrollment in Honors English recommended but not required

Course Fee: Current tuition at JCCC is assessed if college credit is desired.

This history of the United States includes sequential and cause and effect relationships that have shaped our nation and the world during the twentieth century. The course is an overview of America in Transition from Rural to Urban, Agrarian to Industrial, and Provincial to Progressive. Students do an in-depth study of America's entrance into the world community after WWI. Other areas of emphasis include post WWII America to the present, the Cold War era, the Civil Right's struggle of the 50s and 60's, the Vietnam War of the 60s, the resurgence of conservatism in the 80s, and the Persian Gulf War of the 90s. Students in this course develop themes showing cultural, economic, political and social factors that affect life in America.

## AP U.S. HISTORY

Credit: 1

Grade 11

Course #: 070610

Prerequisite: Prior enrollment in an Honors English class is recommended, but not required.

Students should be very strong readers and writers, capable of college level work. Students are required to complete a summer assignment prior to the start of the course.

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: 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. Students taking this class will be required to take the AP exam.

# ECONOMICS

Credit: 1/2

Grade 12

Course #: 070515

In this course the goal is to achieve a better understanding of our economic system. Topics to be covered are theory of economics, American business, supply and demand, role of government, fiscal and monetary policy and economic stability. Students reinforce these concepts with a personal financial portfolio simulation. The class will use Management and Economic Simulation Exercises to introduce real life economics to the students. This is a typical selection for the required senior year of economics.

# HONORS ECONOMICS

# H

Credit: ½

Grade 12

Course #: 070505

Prerequisite: Recommendation

The goal in economic education is to achieve a better understanding of our economic system. This understanding will enable students to make better decisions and become better citizens. Topics to be covered are: theory of microeconomics, American business, supply and demand, markets and production. Students will reinforce these concepts with personal financial portfolio simulation. The class will also works Management and Economic Simulation Exercises to apply learned concepts to real life economic situations. Students in Honors Economics work at a higher level to analyze the cause and effect of various forces within our economy.

# AMERICAN GOVERNMENT

Credit: ½

Grade 12

Course #: 070415

The goal in American Government is to achieve better understanding of the American political system, which enables the student to make better decisions about the American political system and become better citizens. The topics covered are foundation of American government, political behavior, and the three branches of government. While studying local government issues, students use portfolios, Constitutional books and public policy booklets. A government course is required for graduation.

# **AP U.S. GOVERNMENT AND POLITICS**

Credit: ½

Grade 12

Course #: 070620

Prerequisite: None. Students should be very strong readers and writers, capable of college level work.

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. There are no prerequisite courses for AP U.S. Government and Politics.

# **WORLD GEOGRAPHY**

Credit ½

Grades 9 - 12

Course #: 070345

The study of geography is critical to understanding the world, now and in the future. In this course, students will examine the physical and human characteristics of places. They will interpret maps and analyze data using geographic information systems (GIS) technology. Students will apply geographic thinking to current political conflicts, with an emphasis on U.S. global relations. Other topics include population and migration trends, the distribution of resources, and responding to geographic challenges.

# **SOCIOLOGY**

Credit ½                      Grades 11 - 12

Course #: 070355

Sociology is an elective course that studies human society and social behavior. This course illustrates how the groups, or social structures, that one belongs to have a profound influence on the way you think, feel and act. Positive human relationships are an essential part of a civilized society and how we interact with each other is important so that we can find answers to questions and solve problems in our world. The way that we view the world comes from what we learn in our everyday activities. This course deals with the social atmosphere that helps to make us who we are and how we behave. Sociology will cover topics such as the sociological perspective, culture, socialization, deviance, social control, group behavior social class and social institutions. The key component of this course is to study ourselves and the society that influences our behavior.

# **PSYCHOLOGY**

Credit: ½

Grades 11 – 12

Course #: 070315

The goal of Psychology is to understand and appreciate an individual's daily behavior. The topics to be covered are: Field of Psychology, Methods of Psychology, Brain, Body and Behavior, Motivation and Emotion, Consciousness, Principles of Learning and Theories of Personality. Students are asked to do individual and group projects for this course.

# **HONORS PSYCHOLOGY**

Credit: ½.

Grades 11-12

Course #: 070320

Prerequisite: Psychology

The goal of this course will be a continuation of the study of psychology with additional units to prepare students to successfully take the Advanced Placement exam in the Spring. Honors Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation, and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

# **BUSINESS AND TECHNOLOGY BUSINESS**

## **ACCOUNTING 1**

Credit 1/2

Grades 11-12

Course #: 002321

Prerequisite: None

This course is designed to introduce students to the accounting cycle and principles for a sole proprietorship and a merchandising business organized as a corporation. Students prepare and analyze financial transactions and statements according to accounting principles. Automated accounting systems are also introduced. A study of possible careers in the field of accounting supplements the study of these basic fundamentals and skills. This course prepares students for further study of accounting in high school, college, or entry into the business community as accounting clerks or bookkeepers.

## **BUSINESS COMMUNICATION**

Credit: ½

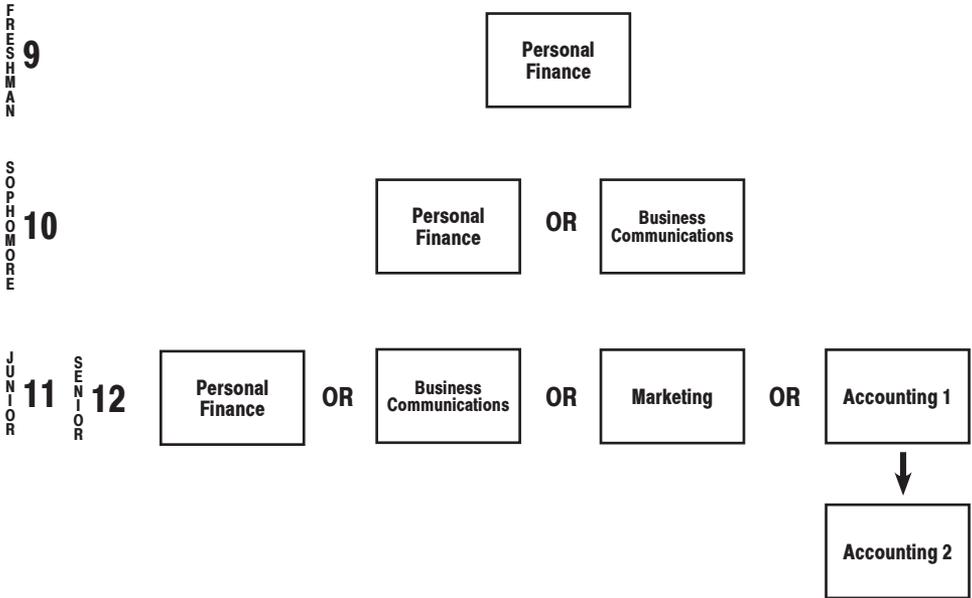
Grades 10-12

Course #: 002405

Prerequisite: None

This course is designed to introduce students to the best practices of communication in a professional setting as well as acquiring tools to communicate messages to peers, clients or business partners. Building a foundation for communicating in business, journalism, healthcare, or any profession is key to leadership roles today and in the future. This foundations class will prepare students for the mentor program, future preparation for jobs and job interviews, resume building, email etiquette, social media awareness, and many other events that will take place over the course of their education and early career. Students will have the ability to apply skills acquired from this foundations class by participating in the Alumni Mentor Program. The Alumni Mentor Program was established to pair our alumni with students seeking more information about a specific career path/industry. It will be imperative for students to have the knowledge necessary to communicate professionally with our constituents.

# VARIOUS PATHS AT SAINT THOMAS AQUINAS BUSINESS



## MARKETING/ENTREPRENEURSHIP

Credit ½

Course #002415

Grades 11-12

Prerequisite: None

This course introduces the student to marketing from the perspective of an entrepreneur creating a new business firm. Topics included are the marketing system, consumer and industrial behavior, market segmentation and positioning, product development, channels of distribution, pricing strategy, sales management, and marketing promotion. Other areas discussed are business risk, profit factors, communication and interpersonal skills for success in business, financing and ethical business practice.

# PERSONAL FINANCE

Credit ½

Grades 9-12

Course #002310

Prerequisite: None

This course covers the necessary skills in personal finance that every person should have before leaving high school. Course content includes:

Saving, Banking, Zero-Based Budgeting, Consumer Spending (Debt), Consumer Credit, Cash-Flow Your Education, Consumer Laws, Financial Planning, Seven Rules of Negotiating, Insurance, Investments, Career Goal Setting, and lastly Sharing your Time and Talents. (Course content is provided by Dave Ramsey's Foundations in Personal Finance) The end goal is to teach students how to avoid debt, budget with intention, invest, and build wealth so they can give like no one else. This course will change the financial future of students and set them on a path to win with money, changing the way they look at money forever. Students will be empowered, equipped and entertained while building confidence in their own financial decision-making.

## TECHNOLOGY

To graduate, students must complete two ½ credit Technology classes: Digital Creative Apps and a Technology Elective.

The Technology Electives are: Desktop Publishing, Video Creation, Coding for the Web, and Digital Art\*. For students interested in journalism (newspaper and yearbook), technology credit can be earned for Multimedia News and Yearbook with administrative approval.

Our introductory technology course is Digital Creative Applications. Because the skills taught in Digital Creative Apps will benefit students as they encounter technology across all curricular areas at Saint Thomas Aquinas High School, enrollment in the course is strongly encouraged during freshman or sophomore year (the earlier the better).

## DIGITAL CREATIVE APPLICATIONS

Credit: ½

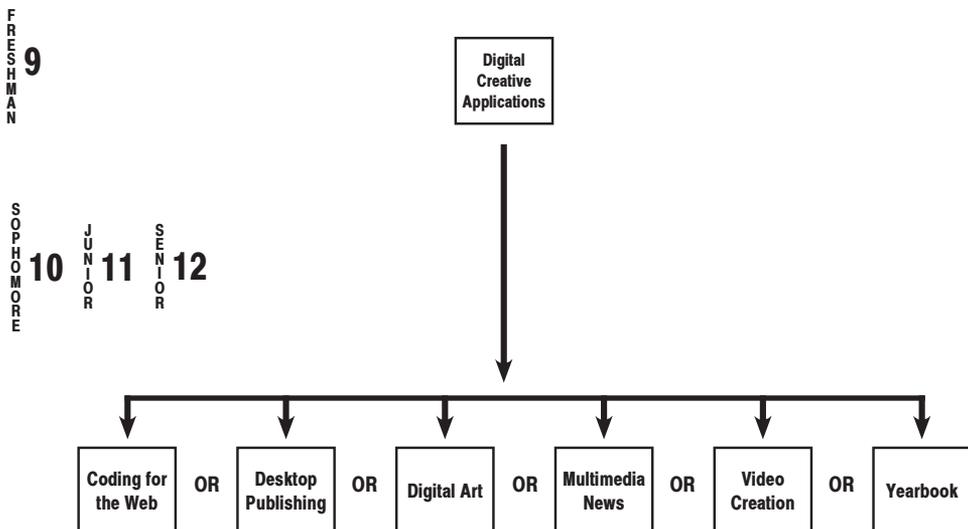
Grades 9-12

Course #: 002220

Prerequisite: None

Students will develop skills using creative software (Adobe Creative Cloud) for photo editing, illustrating, web authoring, desktop publishing, and audio & video editing. Students will learn to use their school accounts: Skyward, Google Mail and Google Drive. Students will also develop file managements skills when using the school's network and/or their own device. Christian Digital Citizenship, information security, and personal responsibility will be particularly emphasized and integral to every lesson.

# VARIOUS PATHS AT SAINT THOMAS AQUINAS TECHNOLOGY



## DESKTOP PUBLISHING

Credit: ½

Grades 9-12

Course #: 002235

Prerequisite: Digital Creative Applications

In Desktop Publishing students acquire the fundamentals of text publishing, graphics, design, layout, style, photography, and special effects. By using the fundamentals of desktop publishing, students learn to communicate their ideas through the use of desktop publishing software. Adobe InDesign is the primary tool utilized to help students accomplish this goal. Students produce projects ranging from simple brochures to more complex catalogs, magazines, and web pages

## CODING FOR THE WEB

Credit: ½

Grades 9-12

Course #: 002346

Prerequisite: Digital Creative Applications

Coding for the Web is an introduction to fundamental web design and computer programming concepts. The class will emphasize interactive web scripting and game creation. Students will use HTML, CSS, JavaScript, and the PHP scripting language to demonstrate structured programming technique. Topics include input and output methods, variables, arrays, conditionals, loops, and algorithmic organization.

# VIDEO CREATION

Credit: ½

Grades 9-12

Course #: 002295

Prerequisite: Digital Creative Applications

The goal of the course is to expose students to a variety of video creation and editing hardware and software. Software titles used include Adobe Premiere®, Adobe PhotoShop®, Adobe Illustrator®, and Adobe After Effects®. Students will learn the techniques necessary to create and edit quality digital video productions for school and personal purposes.

# DIGITAL ART

Credit: ½\*

Grades 10-12

Course #: 001325

Prerequisites: Foundations of Art and Digital Creative Apps. BYOD device must include Mac or Windows OS

This is an introductory class to digital art and graphic design with the use of technology to create artistic images, image manipulation, digital photography, graphic design, visual literacy, and the elements and principles of design in compositions. Art history and the evolution of technology incorporated into the arts will also be studied.

\*Digital Art may be used as ½ credit toward graduation in Art or Technology, but not both.

# MULTIMEDIA NEWS

Credit: 1            Grades 10-12

Course #: 030251

Prerequisite: Digital Creative Applications & Teacher Approval

Students handle all reporting, writing, editing, photography, video and design responsibilities for the school newspaper website. Enrollment is limited; an application process is used for staff selection. Students need to be independent, responsible workers who meet deadlines and are willing to work outside school. This course can be used to fulfill ½ technology credit with administrative approval.

# YEARBOOK

Credit: 1

Grades 10-12

Course #: 030271

Prerequisite: Digital Creative Applications & Teacher Approval

Students handle all reporting, writing, editing, photography, video and design responsibilities for the school yearbook, the Medallion. Enrollment is limited; an application process is used for staff selection. Students need to be independent, responsible workers who meet deadlines and are willing to work outside of school hours. This course can be used to fulfill ½ technology credit with administrative approval.

# STUDENT BROADCAST VIDEO PRODUCTION (HALO)

**Z**

Credit: ½ per semester (Sem 1 and/or Sem 2)

Grades 9-12

Course #: 002298

Prerequisite: None. Whether taken for a semester or as a year-long course, HALO will count for no more than ½ technology credit.

Students enrolled in this class will be responsible for producing the morning announcements, advertisements and promotions, and for providing sports event coverage. They may also produce special event coverage, human interest stories, magazine-show packages, podcasts, and entertainment programming. Students will be trained and participate in many production tasks including graphic art and design, audio and video engineering, directing and producing, camera operation, on-screen and on-mic talent, video editing, and acting as a video journalist. Every student will be required to write and edit scripts to meet deadlines and high standards. This is a ZERO hour class, so students will be expected to arrive at 7:15 to produce the morning announcements show or work on assigned projects. Students will be expected to be able to work quickly to edit and streamline production for the morning show.

# SPECIAL OPPORTUNITIES

KR = These special opportunities are not included in the Qualified Admissions Approved Curriculum for KS Regents Universities.

## GUIDED STUDIES

**KR**  
Grade 9

Credit: 1

Course #: 070121

Prerequisite: Selection criteria is outlined below

This course is designed to help students in their transition to high school at Saint Thomas Aquinas. In addition to academic/personal support, the Guided Studies course provides detailed instruction in organization skills, study skills, improving time management, note-taking techniques, test taking strategies, plus other individual areas where a student may be deficient. Course selection is determined by the collective input from parents, students, Learning Center teachers, Student Services Team, and Administration. Sources of information include report cards, placement tests, IEP, 504 Plan, doctors' reports, parent and student comments.

The selection of students to be in Guided Studies will break down into the following categories:

- 1) Students who have been identified with a learning disability through an IEP, 504 Plan, doctor's report, or specialist report, and need accommodations in the classroom in order to be successful at Saint Thomas Aquinas
- 2) Students identified with ADD/ADHD or a learning difficulty, but do not have a current IEP or 504 Plan.
- 3) Students identified through placement test results as "at risk" for academic success at Saint Thomas Aquinas.
- 4) Students who had academic problems in grade school.
- 5) Freshmen who are at risk academically/personally and need support or tutoring in order to be successful at Saint Thomas Aquinas.

The school strongly recommends that students who enroll in Guided Studies take the "Orientation to High School" taught by Mr. Charles Lamont during the summer. Parents and students will be notified of the dates for this program.

# PEER TUTORING

Credit:  $\frac{1}{2}$  each semester

Course #: 090075- 1st semester; #90085- 2nd semester

Prerequisite: Application and approval by administration

Peer tutors are assigned to a classroom, (often Algebra 1) working with specific students, or in Guided Studies working with students in several areas of academics. The grade issued is Pass/ Fail and is not included in the computation of the student's GPA. Students must pick up an application from the Counseling Office. Seniors submit applications for student aide to the Academic Counseling Department. Peer tutors are required to be in the classroom or Guided Studies on time every day and ready to assist as needed. The main function of the peer tutor is to support students in their academic endeavors. Students may NOT enroll in peer tutoring and student aide in the same semester.

*Note: Peer Tutoring is utilized as needed per teacher. Placement is not guaranteed.*

**KR**

Grade 12

# STUDENT AIDE

Credit:  $\frac{1}{4}$

Prerequisite: Application and approval by administration

Course #: 1st Semester: #090015, 2nd Semester: #090095

Seniors may serve as student aides during one semester. The student's performance is graded. The grade issued is Pass/ Fail and is not included in the computation of the student's GPA. Students must pick up an application from the Counseling Office. Seniors submit applications for student aide to the Academic Counseling Department. Applicants must be trustworthy, responsible, dependable and capable of assuming a variety of tasks to which they might be assigned. Students must have good discipline records with no referrals or probation. The final determination rests with an academic counselor and administration. Students may NOT enroll in peer tutoring and student aide in the same semester. Students may only enroll as a student aide for 1 semester.

**KR**

Grade 12

# ZERO HOUR

The following courses are offered during the school day and/or again before school at a time designated as Zero Hour.

The following courses may be taken on this basis:

These classes are also offered two times - during the school day & Zero Hour.

Honors Forensics (second semester)	#030167	Zero Hour
Honors Forensics (second semester)	#030166	School Day

These classes are offered during Zero Hour ONLY.

Chamber Choir (all year)	#003151
Jazz Band (all year)	#003281
Drumline (all year)	#003282
Student Broadcast Video Production (HALO) (both semesters)	#002298

# SUMMER SCHOOL

DISCLAIMER:

These courses are subject to change due to minimum enrollment not met.

Summer school is held the first 3 weeks after school is dismissed for the summer.

## CREDIT COURSES - 2021

Digital Creative Application.....#002220

\*Min. 10 students and Max 26 students.

Sociology.....#070355

\*Min. 10 students and Max 28 students.

Speech.....#030115

\*Min 15 students and Max 34 students.

PE/Health 9 (coed) and/or PE/Health 10 (coed)..... #050999 and #050998

\* Min 15 students and Max 35 students combined.

6:30-8:00 a.m.

Video Creation .....#002295

\*Min 10 students and Max 26 students.

Health - Independent Study (see Mrs. Castinado for details - will fill PE10 credit)

# CREDIT RECOVERY

Saint Thomas Aquinas High School offers some courses for credit recovery. The coursework is offered via an online platform with lessons completed by the student at home, with tests taken in the Academic Counseling office during days the offices are open during the month of June. Please speak with Academic Counseling for more information.