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# **GRADUATION REQUIREMENTS**

## **CLASS OF 2011 AND BEYOND**

Theology.....	4
English.....	4
Fine Arts.....	1
Latin .....	1
Modern Foreign Language - same language.....	2
Computer Technology .....	1
Mathematics .....	3
Physical Education .....	1
Science.....	3
Social Studies.....	3
Speech.....	½
Elective.....	3½
<b>TOTAL ACADEMIC CREDITS FOR GRADUATION .....</b>	<b>27</b>
Catholic Outreach Community Service .....	1

## **COURSES OFFERED IN ALTERNATING YEARS**

<b>EVEN Years</b>	
<b>Academic Year</b>	<b>Skyward Year</b>
2013-14	2014
2015-16	2016
2017-18	2018

History of Art (070235)  
 Contemporary History (070335)  
 Hon Cisco Network 3 (002705)  
 Hon Cisco Network 4 (002706)  
 Business Law (002375)

<b>ODD Years</b>	
<b>Academic Year</b>	<b>Skyward Year</b>
2012-13	2013
2014-15	2015
2016-17	2017

Geography (070345)  
 Sociology (070355)  
 Early American History (070375)  
 Hon Cisco Network 1 (002605)  
 Hon Cisco Network 2 (002606)  
 Hon Creative Comp (030303)  
 Marketing (002415)

# **NOTES TO ASSIST IN YOUR COURSE SELECTIONS**

## **CATHOLIC OUTREACH COMMUNITY SERVICE PROGRAM**

To enable students to demonstrate that 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.

## **COLLEGE CREDIT**

College NOW is a dual enrollment program in cooperation with Johnson County Community College. Students in grades 10, 11 and 12 may opt for JCCC credit if they are enrolled in certain honors level classes at Saint Thomas Aquinas which reflect the content, objectives, and assignments of the corresponding college course. College NOW courses are taught on the high school campus by qualified teachers. Students should check with the STA College NOW Coordinator and their intended colleges as to certainty of credit transfer. Presently, the following courses are offered under the College NOW program at Saint Thomas Aquinas: Honors College Biology, Honors College Biology Lab, Honors English IV, Honors Calculus I, and any foreign language that is Honors III and above. There is a fee to JCCC for each credit earned. Students will enroll with JCCC at the beginning of the Saint Thomas Aquinas 2012-2013 school year.

In addition there is a new program available through JCCC for College Algebra credit; the program is Quick Step PLUS College Algebra Partnership. Students enrolled in the Honors Pre Calculus course at Saint Thomas Aquinas may enroll for JCCC college credit if they meet specific requirements of JCCC.

Other college credit opportunities include Calculus II through Benedictine College and Honors Cisco Networking classes through Fort Hays State University.

## **QUICK STEP**

Quick Step is a means to earn college credit. It differs from College NOW in that the classes are taught by JCCC faculty on the college campus. A Quick Step application must be submitted at the time of enrollment at the college with the signature of president/principal. Contact the College Admissions Office or the JCCC web site [www.jccc.net](http://www.jccc.net) for more complete requirements. Academic Counseling can assist with information.

## **ADVANCED PLACEMENT EXAMS**

This is a program of college-level exams that gives students the chance to earn advanced placement and/or college credit in the areas of English, math, science, social studies, foreign language and fine arts. The tests are given annually in May. There is a fee. See Academic Counseling for more information.

## **HONORS CREDIT**

Courses marked Honors earn an additional 5 percentage points when GPA is figured each semester. The points are added during the calculation of cumulative GPA. You will not see the 5 percentage points as a change of the actual grade on the grade card or transcript. Students must earn 77% or above in order to receive the extra percentage points.

## **PASS/FAIL OPTION FOR SENIORS**

Seniors may have the option of taking one elective course per semester for Pass/Fail credit. A grade of Pass/Fail would not affect the student's grade point average. A grade of 76% or below will count as a normal grade. This selection must be made prior to the first grading period of each semester.

## **NOTE TO PARENTS**

Saint Thomas Aquinas High School offers curriculum for students of most ability levels. Classes are offered for those students who need to build their study skills. Curriculum is available for the typical college bound student and for high achieving students. Honors courses are taught in all areas of our core curriculum - English, mathematics, science, social studies, and foreign language. Saint Thomas Aquinas participates with Johnson County Community College, Benedictine College, and Fort Hays State 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 need(s) 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 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.

Each student takes seven classes per semester.

Theology and English are required every year.

## **COLLEGE ADMISSION REQUIREMENTS**

### **KANSAS QUALIFIED ADMISSIONS QUICK FACTS**

**BEGINNING WITH CURRENT FRESHMAN CLASS OF 2015 AND AFTER**

**What are Qualified Admissions?**

Qualified Admissions (QA) are a set of standards used by the six state universities to review applicants for undergraduate admission. The universities that use QA are Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, the University of Kansas, and Wichita State University. These standards are set by the Kansas Board of Regents, the governing body for the state universities.

**When are the new standards effective?**

State universities will use the standards for 2015 summer applicants. The standards will apply to **freshmen entering high school in the fall of 2011.**

**What are the new QA standards?**

Students graduating from an accredited Kansas high school, under the age of 21, **MUST;**

• Complete the precollege or Kansas Scholars Curriculum with at least a 2.0 GPA;  
**AND**

- Achieve ONE of the following:
  - ACT score of 21 or higher; OR
  - SAT score of 980 or higher; OR
  - Graduate in the top one-third of their class;

**AND**

- Achieve a 2.0 GPA or higher on any college credit taken in high school.

New standards were also approved for graduates of unaccredited high schools (including home-schooled students), GED students, students 21 or older and international students. The standards can be viewed online at [www.kansasregents.org](http://www.kansasregents.org) in the December Board agenda.

### **Were changes made to the precollege curriculum?**

Yes. Changes were made to the English and Math requirements. Electives were added to the curriculum.

### **Qualified Admissions Precollege Curriculum**

#### **English**

4 approved units of English, one unit taken each year of high school, 1/2 unit may be Speech

#### **Natural Science**

3 approved units from the following, one unit must be Chemistry or Physics:

- Biology
- Advanced Biology (2nd Year Biology)
- Earth/Space Science
- Chemistry
- Physical Science
- Physics
- Principles of Technology

#### **Math**

3 approved units from the following:

- Algebra I
- Geometry
- Algebra II
- Any course with Algebra II as a prerequisite

AND students must meet the ACT college readiness math benchmark (The ACT college readiness math benchmark is found on the ACT report.)

#### **OR**

4 approved units, with one unit taken in the graduating year. Three units selected from the following:

- Algebra I
- Geometry
- Algebra II
- Any course with Algebra II as a prerequisite

The fourth unit may be prescribed by the school district and must be designed to prepare students for college. Dual enrollment, concurrent enrollment, and online courses may be used to fulfill the requirement. Courses completed in middle school/junior high do NOT fulfill the requirement.

## Social Science

3 approved units

Students must complete the following:

- One unit of U.S. History
- Minimum of one-half unit of U.S. Government

Minimum of one-half unit from the following:

- World History
- World Geography
- International Relations

Approved courses from the following may be used to complete the requirement:

- Psychology
- Economics
- U.S. Government (additional course)
- U.S. History (additional course)
- Current Social Issues
- Sociology
- Anthropology
- Race and Ethnic Group Relations

## Electives

3 approved units from the following:

- English
- Math
- Natural Science
- Social Science
- Fine Arts
- Computer/Information Systems
- Foreign Languages
- Personal Finance
- Speech, Debate, Forensics
- Journalism
- Career and Technical Education

# **KANSAS SCHOLARS CURRICULUM**

Students who complete the following curriculum will receive a certificate – State of Kansas Board of Regents Curriculum Completion. These students will also be considered for the State of Kansas Scholars Program. State Scholars are selected using ACT scores and high school GPA without honor points. In past years State Scholars tend to have ACT scores of 29 and above along with a cumulative GPA of 3.9 on a 4.0 scale with no honors points.

The state of Kansas Board of Regents Scholars Curriculum:

4 cr. English

1 cr. Computer Technology

3 cr. Science – Biology, Chemistry, Physics

2 cr. Same Foreign Language

3 cr. Social Studies including ½ credit of World History or World Geography

4 cr. High School Math – Algebra I, Algebra II, Geometry plus one course higher than Algebra II

## **MISSOURI REQUIREMENTS**

The State of Missouri requirements are similar to Kansas. Missouri requires the same specific qualified curriculum listed above for Kansas PLUS: 1 credit of fine arts and 3 additional core courses such as foreign language, math, English, social studies or science. To be admitted to the University of Missouri System (MU, UMKC, Rolla, UMSL) you must have 4 years of English and 4 years of Math instead of previously mentioned 3 years of math.

## **NCAA FRESHMAN - ELIGIBILITY STANDARDS**

If you plan to enroll in any Division I or Division II college or university there are specific eligibility requirement for athletic participation. Please review the requirements at [www.ncaa.org](http://www.ncaa.org). Click on “Student athletes and Parents” or visit [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net). Core course requirements have increased. All math requirements must be Algebra I and higher.

## **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.

### **PART I**

#### **9th GRADE**

Theology 1 cr.  
English 1 cr.  
Comp. Tech ½ cr.  
Physical Ed. ½ cr.  
Biology 1cr.  
Latin 1 cr.  
Math 1 cr.  
World History 1 cr.  
Community Service ¼ cr

#### **10th GRADE**

Theology II 1 cr.  
World Lit. ½ cr.  
Comp I ½ cr.  
Physical Ed. ½ cr.  
Chemistry 1 cr.  
Foreign Lang. 1 cr.  
Math 1 cr.  
Speech ½ cr.  
Community Service ¼ cr.

#### **11th GRADE**

Theology III 1 cr.  
American Lit ½  
Comp II ½  
Am. History 1 cr.  
Physics 1 cr.  
Foreign Lang. 1 cr.  
Math 1 cr.  
Community Service ¼ cr.

#### **12th GRADE**

Theology IV 1 cr.  
English IV 1 cr.  
Government ½ cr.  
Economics ½ cr  
Community Service ¼ cr.

The selections in Part I are very typical some course variations can be made as in Part II:

### **PART II**

#### **9th GRADE**

World History 1cr.

#### **10th GRADE**

Comp. Tech ½ cr.  
Speech ½ cr.

#### **11th GRADE**

Fine Arts ½ cr.

#### **12th GRADE**

Fine Arts (if not already taken or other electives.)

### **PART III**

Instead of Part II to complete 7 credits, music students need the following suggestions:

#### **9th GRADE**

Music

#### **10th GRADE**

Music  
Forensics  
ZERO HOUR

#### **11th GRADE**

Music

#### **12th GRADE**

Music

## **DEPARTMENT HEADS**

English Department - Sue Waters: <a href="mailto:swaters@stasaints.net">swaters@stasaints.net</a> .....	913.319.2482
Fine Arts	
Performing Arts - Kim Harrison: <a href="mailto:kharrison@stasaints.net">kharrison@stasaints.net</a> .....	913.319.2433
Visual Arts - Judy Frankovic: <a href="mailto:jfrankovic@stasaints.net">jfrankovic@stasaints.net</a> .....	913.319.2487
Foreign Language - Lisa Stoecklein: <a href="mailto:lstoeklein@stasaints.net">lstoeklein@stasaints.net</a> .....	913.319.2483
Mathematics - Cathryn Radiel: <a href="mailto:cradiel@stasaints.net">cradiel@stasaints.net</a> .....	913.319.2486
Practical Arts - Karen Sturges: <a href="mailto:ksturges@stasaints.net">ksturges@stasaints.net</a> .....	913.319.2463
Science - Iris Flournoy: <a href="mailto:iflournoy@stasaints.net">iflournoy@stasaints.net</a> .....	913.319.2485
Technology - Dave Shriver: <a href="mailto:dshriver@stasaints.net">dshriver@stasaints.net</a> .....	913.319.2440
Theology - Ryan Best: <a href="mailto:rbest@stasaints.net">rbest@stasaints.net</a> .....	913.319.2484
Academic Counselor - Deb Castinado: <a href="mailto:dcastinado@stasaints.net">dcastinado@stasaints.net</a> .....	913.319.2453
Post-secondary Counselor - Barb Bruns: <a href="mailto:bbruns@stasaints.net">bbruns@stasaints.net</a> .....	913.319.2477
Learning Specialist - Charlie Lamont: <a href="mailto:clamont@stasaints.net">clamont@stasaints.net</a> .....	913.319.2411

# ***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.

## ***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 that 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.*

**ALL STUDENTS SHOULD BE FAMILIAR WITH THE CATHOLIC OUTREACH COMMUNITY SERVICE PROGRAM HANDBOOK.**

Beginning with the class of 2016, the following curriculum and course sequence will be introduced to match the United States Conference of Catholic Bishops Core Curriculum in accordance with the Archdiocese of Kansas City in Kansas.

CLASS OF 2016 and beyond-

Freshman year -	Theology I (A&B) - Revelation of Jesus Christ in Scripture
Sophomore year -	Theology II (A) - Jesus Christ's Mission Continues in the Church Theology II (B) - Sacraments as Privileged Encounters with Jesus Christ
Junior year -	Theology III (A) - Life in Jesus Christ (Morality) Theology III (B) - Theology of the Body
Senior year-	Theology IV (A) - Church and Creed Theology IV (B) - Christian Social Justice
	Possible Electives - Faith and Reason: Philosophical Theology

## **THEOLOGY - 1 (9A - 1ST SEMESTER/ 9B - 2ND SEMESTER)**

Credit 1

Grade 9

Course # 80115/80195

### **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 II - CHRIST 10**

Credit ½

Grade 10

Course # 80255

### **Life in Christ**

The purpose of this course is to help students understand everything God has done for us through his Son, Jesus Christ. Students will learn that for all eternity, God has planned for us to share eternal happiness with him which is accomplished through the Redemption Christ won for us. Students will also be introduced to what it means to be a disciple of Christ as well as all that is included in the life of a disciple of Christ with a focus on the moral implications for the life of a believer and the importance of prayer in the life of a believer.

# **THEOLOGY II - CHURCH 10**

Credit ½

Grade 10

Course # 80275

## **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.

# **CHRISTIAN SOCIAL JUSTICE**

Credit ½

Grade 11

Course # 80335

Prerequisite: None

In a world enmeshed in sin, students defend the place of compassion based on the teachings of Jesus. Individual and community responsibility is explored. Students analyze the lives and gifts of Gandhi, Dorothy Day, Martin Luther King, Oscar Romero, the martyrs of El Salvador, Cesar Chavez, Mother Theresa and others who lived the life of Christ in the modern world. Students scrutinize the media in the light of the Christian message and evaluate their own commitment to today's social issues.

# **SACRAMENTS AND PRAYER**

Credit ½

Grade 11

Course # 80345

Prerequisite: None

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.

## **CHURCH HISTORY**

Credit ½

Grade 12

Course # 80411

Prerequisite: None

Church History will examine the institution and growth of the Catholic Church and the growth and spread of Christianity. Students examine biblical, historical and contemporary images of the Church and become acquainted with individuals and institutions that have impacted Church history, politics, and growth. As a result, students develop a better understanding of and appreciation of Catholic Church heritage. Students are exposed to the themes of important religions in the world such as Islam, Hinduism, Buddhism, Judaism, and compare them to Christianity.

## **CHRISTIAN LIFESTYLES**

Credit ½

Grade 12

Course # 80425

Prerequisite: None

Students learn how relationships are an essential part of leading a Christian lifestyle. Discussions on friendship, dating, and communication skills are included in this course. Students explore Christian vocations such as marriage, religious life, priesthood, and single life. Students are encouraged to include God in all relationships and in choosing a vocation. The laws of the church on marriage, birth control, premarital and extramarital sex, annulment, genetic engineering, and abortion are emphasized. Students study the main vocations in life, and how individuals can best live them within the context of Christian belief and Catholic teaching. Students respond individually and as a community to God's call to carry on the mission of Jesus.

## **FAITH AND REASON: PHILOSOPHICAL THEOLOGY**

## **H**

Credit ½

Grade 12

Course # 80405

Prerequisite: Teacher Recommendation

Seniors may substitute this course for Christian Lifestyles. Students learn how to examine critically the various positions on a variety of philosophical issues that impact on the Christian belief system. They find that reason is compatible with faith but that both specious reasoning and naïve belief can undermine an understanding of God's faith. The course provides an understanding of the relationships between faith and reason in the Catholic theological tradition. Students learn the difference between questioning a statement and doubting it. The nature of philosophical discourse and philosophical arguments is included in the course content.

# **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.

## **CORE 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 I. 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 94% in a regular English class. The previously mentioned 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 and senior years, for college credit. In honors classes, the 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 the new school year.

## **ENGLISH I**

Credit 1

Regular 30111 Honors 30101

Prerequisite: Placement Exam Score

English I introduces students to the basic genres: short story, poetry, novel, non-fiction and drama. Students cover three (5 Honors) major works during the year, begin their programmed study of vocabulary, direct their writing focus on the mastery of the paragraph, and learn basic essay format. English I instructors emphasize and teach grammar in the context of writing.

**H**

Grade 9

## **WORLD LITERATURE**

Credit: ½

Course #: Regular 030235 Honors 30206

Prerequisite: None

World Literature is a one-semester, required sophomore course that samples literature classics in the genres introduced during the freshman year. The course includes a study of Greek and Roman mythology. Students cover two (4 Honors) major works during the semester.

**H**

Grade 10

## **COMPOSITION I**

Credit: ½

Course #: Regular 30215 Honors 30205

Composition I introduces students to the process of writing. Students will compose a minimum of five (8 Honors) multi-paragraph writings, formal and informal, in both in-class and out-of-class settings. The course curriculum also includes the reading and analysis of one major work (2 Honors), a research project, and a continuation of vocabulary study. Sophomore students must select Composition I or Journalistic Composition.

**H**

Grade 10

# **JOURNALISTIC COMPOSITION**

**H**

Grades 10-12

Credit: ½

Course # Regular 30225 Honors 30203

Prerequisite: at least 80% in English I

Although students may take Journalistic Composition as an elective, the course also fulfills the Comp I requirement for those interested in joining the newspaper or yearbook staff. In this course, students concentrate on gathering, reporting and editing news. Other areas of study include mass media law, ethics and history. If Journalistic Composition is taken to fulfill the Comp I requirement, students will continue their study of vocabulary begun during freshman year. All students incorporate research into their writing. No seniors may enroll second semester.

*NOTE: All students who take Journalistic Composition or Honors Journalistic Composition must enroll in Composition II or Honors Composition II junior year. If journalism students qualify to take Honors Creative Composition, the course would count as an elective credit and would be in addition to Comp II.*

# **AMERICAN LITERATURE**

**H**

Grade 11

Credit: ½

Course #: Regular 30335 Honors 30306

Prerequisite: None

This is a one-semester, required junior course that surveys American literature. Students are introduced to literature from the Colonials to the Contemporaries. In addition, students cover two (3 Honors) major works during the semester.

# **COMPOSITION II**

**H**

Grade 11

Credit: ½

Course #: Regular 30315 Honors 30305

Prerequisite: Composition I or Journalistic Composition

Composition II, the required follow-up course to Composition I or Journalistic Composition, continues the process of writing introduced in Composition I. Composition II, while continuing to hold students accountable for the mechanical focus of Composition I, teaches style. Students compose a minimum of five (8 Honors) multi-paragraph writings, informal and formal, both in-class and out-of-class. Students base formal essays, including a required research paper, on their readings from American literature including one major work (2 Honors). Students also continue study of vocabulary. *NOTE: Honors Composition II and Honors American Literature prepare students for the Advanced Placement Exam.*

# **HONORS CREATIVE COMPOSITION**

**H**

Credit: ½

Grades 11 and 12

Course # 30303

Offered odd years

Prerequisite: Honors class grade prerequisite and recommendation of current writing teacher

Creative Composition is designed for imaginative students who have mastered the grammar and mechanics of writing as set forth in Composition I and II. The course fulfills the second composition requirement or may be taken as an elective. The course focuses on the process of creative writing with emphasis on shaping and recording impressions in the genres of poetry, the short story and drama. Before students create samples of each genre, they read and study selections from that genre to learn literary theory. Those students who take Creative Composition to fulfill the second composition requirement continue their programmed study of vocabulary.

*NOTE: Students who took Journalistic Composition or Honors Journalistic Composition instead of Composition I or Honors Composition I must enroll in Composition II or Honors Composition II.*

*Those students who meet the prerequisite may enroll in Honors Creative Composition as an elective.*

# **FILM AS LITERATURE**

**KR**

Credit ½

Grade 12

Course # 030325

Prerequisite: None

This elective course focuses on film as literature. The study involves viewing various films, discussing, interpreting, and writing responses to the works in small groups. Film as Literature covers aspects of American cinema from the silent film era to current films on DVD. Students who take this course will write essays and research papers.

# **ENGLISH IV**

Credit: 1

Grade 12

Course #: 30411

Prerequisite: None

English IV (English Literature) increases students' knowledge and understanding of British authors and their writings. Students cover one major work each semester. Students continue their programmed study of vocabulary and continue the study of grammar in the context of their writings. English IV builds on the writing skills developed in Composition II and provides in-class and out-of-class research and writing experiences.

# **HONORS ENGLISH IV/COLLEGE COMP H,CC**

Credit: 1

Grade 12

Course #: 30401

Prerequisite: At least 86% (without the extra 5 points) in BOTH Honors Comp II and Honors American Literature or at least 95% in BOTH Comp II and American Literature.

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

Honors English IV/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 a minimum of fourteen 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 IV/College Comp course through Johnson County Community College. They must, however, 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.*

## **HOLOCAUST LITERATURE: PUTTING WORDS INTO ACTION**

**KR**

Credit: ½

Grades 11-12

Course #: 30425

Prerequisite: None

During the first quarter, students read literature that focuses on the Holocaust and dangers of prejudice and stereotyping in society. During the second quarter, students apply the lessons learned from the literature to their own lives and the greater Kansas City community through field trips, interviews and a student outreach project. Students' projects are implemented during the semester.

## **HOLOCAUST STUDY TOUR**

Credit: ¼

Grades 10-12

Course#: 30426

Prerequisite: None

In this experiential learning course, students travel for two weeks in Germany, the Czech Republic and Poland to visit important Holocaust sites including the Wannsee House, Auschwitz, Birkenau, Theresienstadt, Schindler's Factory, Plaszow labor camp, and many others. In preparation for travel, students read Holocaust literature and history texts, and meet with the instructor for discussion. Students journal before, during and after the trip, and are required to contribute to the virtual classroom and blog online during travel. In the weeks following travel, students write a summative essay for publication, as well as speak to students and adults both in and outside the STA community about their experiences.

## **SPEECH**

Credit: ½

Course #: 30115

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.

**KR**

Grades 10-12

## **DEBATE**

Credit: ½

Course #: Regular school day: Novice—30155

Students in this course learn the basics of argument for and against a given proposition. Debate offers students a chance to learn argumentation skills, research methodology, speaking skills and interaction with other students from different schools and backgrounds. Competition involves evenings, especially Friday and Saturday. Students are required to participate in a minimum of four interscholastic tournaments and to assist with the Saint Thomas Aquinas Invitational Tournament. Research is the responsibility of the student and requires time outside class.

*NOTE: Debate fulfills the speech requirement for graduation. Students can also earn a Letter in this activity. Course objectives emphasize debate fundamentals and contest preparation.*

**KR**

## **HONORS ADVANCED DEBATE**

Credit: ½

Course #: 30207

Prerequisite: 30155 Novice Debate/teacher recommendation

Honors Advanced Debate is available only during the school day to those students who have previously taken novice debate. Students in Honors Advanced Debate class supplement the standard debate course curriculum with more rigorous research requirements and engage in additional work related to the annual debate topic, as well as a series of in-class practice rounds.

**H, KR**

Grade 10-12

## **ADVANCED DEBATE**

Credit: ½

Course #: 30955

Prerequisite: 30155 Novice Debate/teacher recommendation

Advanced Debate is available during zero hour for those students who have previously taken novice debate. Advanced Debate offers students an opportunity to continue honing their argumentation skills, research methodology, speaking skills and interaction with other students as they debate the annual topic. Competition involves evenings, especially Friday and Saturday. Students are required to participate in a minimum of four interscholastic tournaments and to assist with the Saint Thomas Aquinas Invitational Tournament. Research is the responsibility of the student and requires time outside class. Students can also earn a Letter in this activity. Course objectives emphasize debate fundamentals and contest preparation.

**Z, KR**

Grade 10-12

## **FORENSICS**

Credit: ½

Course #: 30165 (Zero Hour 30865)

Prerequisite: None

Forensics involves students participating in a variety of speaking and acting events, which are performed in a contest situation. Forensics is for anyone with a talent for acting and speaking. It is both a class and a KSHSAA activity. Students will have the opportunity to earn individual medals, team trophies, and a varsity letter. Forensics students also may earn the chance to compete on the national level. Students are required to participate in a minimum of four interscholastic tournaments on weekends throughout the spring semester. Forensics students may choose whether to take this class during Zero Hour or they may join a class during the regular school day.

*NOTE: Forensics fulfills the speech requirement for graduation.*

**Z, KR**

Grades 9-12

## **FORENSICS NON-COMPETITIVE**

Credit: ½ each semester

Course #: 30145

This beginning and/or advanced course is designed for non-competitive and competitive students during the school day in the fall semester only. Students will be instructed in all facets of individual events including oral interpretation, humorous/dramatic interpretation, informative speaking, original oratory, extemporaneous speaking, oral interpretation of literature, and duet acting. For advanced students, this course will assist in the preparation for the competitive spring semester. For new students, this course will serve as a general introduction to competitive speaking and acting. This course will not have Saturday meet obligations.

*NOTE: Forensics fulfills the speech requirement for graduation.*

**KR**

Grades 9-12

# **NEWSPAPER**

Credit: 1

Course #: 30261

Prerequisite: Journalistic Composition, application and teacher approval

Students handle all reporting, writing, editing, photography and design responsibilities for the school newspaper, The Shield. 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. Students should enroll in Desktop Publishing or have completed the course prior to taking newspaper.

**KR**

Grades 10-12

# **YEARBOOK**

Credit: 1

Course #: 30271

Prerequisite: Journalistic Composition, application and teacher approval

Students handle all reporting, writing, editing, photography 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 school. Students should enroll in Desktop Publishing or have completed the course prior to taking newspaper.

**KR**

Grades 10-12

# **FINE ARTS**

Z = Zero Hour

H = Honors Course

CC = College Credit

KR = NO Classes in the Fine Arts Department are 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, dance, 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 Stage 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
- Dance

# **PERFORMING ARTS DRAMA AND THEATER**

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

## **INTRODUCTION TO THEATER**

Credit: ½

Grades 9 - 12

Course #: 3165

Prerequisite: None

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 I**

Credit: ½

Grades 9 - 12

Course #: 3275

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 #: 3295

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 #: 3231

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 #: 3232

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.

## **INTRODUCTION TO MUSICAL THEATRE**

Credit: 1/2

Grades 9-12

Course #:3175

Prerequisite: None

In this class students will learn about the rich history and development of musical theater from its origins in 19th century up to its present day worldwide domination through reading, listening to scores, and watching movies and live musicals. Open to all students with an interest in musicals, but not necessarily wanting to perform.

# **MUSIC**

## **CHORALE**

Credit: 1

Grades 9 - 12

Course #: 3111

Prerequisite: None

In this class students will learn choral techniques, musical terms, and sight singing, with an emphasis on performance. Students will sing a wide variety of music, while emphasizing growth in vocal technique. Open to all students, grades 9-12. No audition required.

## **CONCERT CHOIR**

Credit: 1

Grades 9 - 12

Course #: 3121

Prerequisite: Audition/Instructor Approval

In this class students will focus on proper choral techniques with an emphasis on performance. This class will challenge average singers to become more accomplished in their vocal and choral skills. Students will learn pronunciations of different languages, music theory, sight singing and ear training through rehearsal of varied types of music. Open to all students, grades 9-12, with audition/instructor approval. Audition arranged by calling music office 913-319-2455 or e-mailing Mr. Heidesch, [jheidesch@stasaints.net](mailto:jheidesch@stasaints.net).

## **CHAMBER CHOIR**

Credit: 1

Grades 10-12

Course #: 3131

Prerequisite: Audition/Instructor Approval

In this class students will focus on proper choral techniques with an emphasis on performance. This class will challenge the more accomplished singers in their vocal and choral skills. Students will learn pronunciation of different languages, music theory, sight singing and ear training through rehearsal of varied types of higher level music. Open to all students, grades 10-12, with audition. Audition arranged by calling music office at 913-319-2455 or emailing Mr. Heidesch, [jheidesch@stasaints.net](mailto:jheidesch@stasaints.net)

## **SHOW CHOIR**

**Z**

Credit: 1

Grades 9 - 12

Course #: 3151

Prerequisite: Audition/Instructor Approval/Concurrent Enrollment in a performing arts course

Students in this performance class will study and perform all forms of music including, but not limited to, pop and show music with choreography. Enrollment is limited and participants must be concurrently enrolled in a performing arts course. Open to all students, grades 9-12, with audition/instructor approval. Class meets during Zero Hour both semesters. Audition arranged by calling music office 913-319-2455 or e-mailing Mr. Heidesch, [jheidesch@stasaints.net](mailto:jheidesch@stasaints.net).

# **JAZZ BAND**

Credit: 1

Course #: 3281

Prerequisite: Audition/Previous experience on musical instrument/Concurrent Enrollment in musical performance class

Students will learn and perform jazz and related literature. Students will learn the basics of improvisation and are encouraged to solo in class and at performances. The band will also compete at local competitions throughout the year. Nearly 95% of the performances are out of the school day. Due to the instrumentation requirements to jazz band, please contact Mr. Burgess for available openings at 913-568-1503 or [jburgess@stasaints.net](mailto:jburgess@stasaints.net) Participation in jazz band qualifies the student for regional and state festivals.

# **Z**

Grades 9-12

# **COLOR GUARD**

Credit: 1/2

Course #: 3245

Color Guard students will perform at every home football game and at several contests with the marching band throughout the fall semester. Students with an enthusiastic attitude and a good work ethic are encouraged to enroll. Please contact Mr. John Burgess via email at [jburgess@stasaints.net](mailto:jburgess@stasaints.net) if you are interested.

Grades 9-12

# **BAND**

Credit: 1

Course #: 3211

Prerequisite: Previous experience in instrumental music

Band is active throughout the entire year. In the fall, the focus is marching band. The Saints Brigade performs at all home football games, selected pep rallies, and competes at marching festivals. After football season, the focus shifts to pep band for all EKL league home basketball games. Beginning in late January, the focus shifts to concert band. The concert band participates in the state large group festival in April. The year ends with a Spring concert and banquet. Participation in band qualifies the students for regional and state music festivals.

Grades 9-12

# **BALLROOM/SOCIAL DANCE**

Credit: ½

Course #: 3415

Prerequisite: None

This course is an introduction to basic/social dancing which include traditional ballroom, Latin, country, and swing type dances. Dance floor etiquette, basic knowledge of five different dance patterns, the history and characteristics of these dances are studied in the semester. A dance performance is required at the end of the term.

Grades 11 - 12

# **VISUAL ARTS**

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

## **FOUNDATIONS IN ART**

Credit: ½

Grades 9-12

Course #: 1115

Prerequisite: None

Foundations in Art is a prerequisite for all other art courses except Arts and Crafts. This course provides the student with a foundation in aesthetics, art theory and art history. These areas are supplemented with a variety of 2D and 3D projects.

## **DRAWING**

Credit: ½

Grades 10-12

Course #: 1125

Prerequisite: Foundations in Art

This course is designed to build on the drawing fundamentals experienced in Foundations in Art. The student s will explore various techniques and medias.

## **PAINTING**

Credit: ½

Grades 10-12

Course #: 1135

Prerequisite: Foundations in Art

This course emphasizes the principles and elements of art through painting. Students gain experience with acrylic paint.

## **CERAMICS I**

Credit: ½

Grades 10-12

Course #: 1215

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.

## **ART 3-D SCULPTURE AND DESIGN**

Credit: ½

Course #: 1225

Prerequisites: Foundations of Art and Ceramics I

Students will refine their three dimensional skills of building with a variety of non-clay materials. They will explore sculptural approaches and gain historical information.

## **CERAMICS II**

Credit: ½

Grades 11-12

Course #: 1315

Prerequisites: Foundations in Art, Ceramics I

This course helps students refine their ceramic skills in hand building and glazing. Students will be introduced to mold making, which offers students more opportunities for individual expression in projects and making multiple images.

## **ADVANCED DRAWING AND PAINTING I**

Credit: ½

Grades 10-12

Course #: 1235

Prerequisite: Foundations in Art, Drawing and Painting

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.

## **PORTFOLIO PREPARATION**

Credit: ½

Grades 12

Course #: I - 1615

Seniors only: Offered only 1st semester. Teacher recommendation required.

Prerequisite: Foundation of Art, Drawing, Painting, Advanced Drawing and Painting II and I.

The course is designed for the serious art student who wishes to prepare a collection of finished art projects for college art school admission and scholarship consideration. Each student is expected to interview and submit his/her portfolio to at least two colleges. The student must obtain permission from the instructor before enrolling.

## **ARTS AND CRAFTS**

Credit: ½

Grade 12

Course #: 1415

Prerequisite: None

This course is designed for the novice interested in the enjoyment of arts and crafts. Students experience a variety of hands-on decorative and practical activities such as papermaking, weaving, origami, printing, jewelry, clay, modeling materials and seasonal crafts.

*NOTE: Arts and Crafts will not meet the University of Missouri fine art requirement for admission.*

## **DRAFTING**

Credit: 1

Grades 10-12

Course #: 20311

Prerequisite: None

This course deals with lettering, sketching, 3-view drawing, pictorial drawing, practical geometry, section views, auxiliary views, fasteners, dimensioning, and detail and assembly drawings. Students are introduced to AutoCAD. Drafting students need to have an aptitude for space relations (visualizing 2-D matter as three-dimensional). Students are required to purchase special drafting equipment. This course fulfills the fine arts credit needed for STA graduation. Drafting is taught in the Practical Arts Department.

# **INTERIOR DESIGN**

Credit: ½

Grades 10-12

Course #: 10335

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 LANGUAGE**

Z = Zero Hour

H = Honors Course

CC = College Credit

KR = While foreign language 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 at least three years of foreign language during their high school careers:

- Latin PLUS
- Two years of the same modern foreign language

Students may select from French, German, or Spanish.

Most students take Latin freshman year, then complete two additional years of the same modern foreign language. Some students elect to complete four years of the same modern foreign language during high school; for these students the Latin requirement is waived. Students must remember that any modern foreign language gets progressively more difficult – especially in the third and fourth years.

The prerequisite for all other Honors Foreign Language classes is a grade of at least 86% (without the extra 5 honors points) in the previous honors class or at least 94% in a regular English class. The previously mentioned grades are reliable indicators of students' success in the next level course.

Again, in most cases, the Latin requirement should be completed during the freshman year. Latin is waived for those students who choose to take four high school years of the same modern foreign language (French, German, Spanish). However, if a student

in the four-year program drops out of the language before completing their senior year, they must earn one credit in Latin in order to graduate.

If a student completes the highest level of French, German or Spanish taught at Saint Thomas Aquinas, the foreign language requirement is deemed completed.

All students entering Saint Thomas Aquinas with prior foreign language experience (who plan to continue in that language) **MUST** take a language placement test. This is to ensure that they are placed in the most appropriate class and level.

The 8th Grade Placement Test results are used to recommend the best foreign language progression for each student. If you have 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 test-out exam. Test outs 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. That is, the actual class the student will take is dependent upon the results of the language placement test. The student should indicate their plans on the bottom portion of the Course Selection Sheet. A rule of thumb is “Two years of middle school foreign language equals one year of high school foreign language.”

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 in levels III, IV, and V, which are available for college credit through Johnson County Community College.

## ***FOREIGN LANGUAGE HONORS COURSES***

Prerequisite: Generally students should have a minimum grade of 86% in a preceding honors class or a minimum grade of 94% in a regular class before enrolling in an honors class. FYI: each FALL, students who are not earning above 77% after the first quarter progress grading period should plan to move to a lower-level class right away. Likewise, any student who has below 77% at semester in an honors class will be changed to a regular class at semester.

Saint Thomas Aquinas has a long-standing exchange program with a school in Japan. Students spend three weeks attending school in Japan. In addition, families of Saint Thomas Aquinas students host students from Japan for three weeks. There are opportunities for travel to French-speaking countries and to Germany. Travel opportunities to Spanish-speaking countries are available through mission trips sponsored by the Theology Department.

# Typical Foreign Language Sequence

9	10	11	12
Latin I (TYPICAL)	<u>Level I</u> French I German I Spanish I ( <i>honors or regular</i> )	<u>Level II</u> French II German II Spanish II ( <i>honors or regular</i> )	<i>May continue in language – NOT required</i>
<u>Basic Latin</u> <u>Enrollment only by recommendation</u>	Survey of Languages <u>Enrollment only by recommendation</u>	<u>Level I</u> French I German I Spanish I	<i>May continue in language – NOT required</i>
<u>Level I</u> French I German I Spanish I	<u>Level II</u> French II German II Honors Spanish II	<u>Honors Level III</u> Honors French III Honors German III Honors Spanish III	<u>Honors Level IV</u> Honors French IV Honors German IV Honors Spanish IV <i>Or Latin I</i>
<u>Level I</u> Spanish I	<u>Level II</u> Spanish II	<u>Level III</u> Spanish III	<u>Level IV</u> Spanish IV <i>Or Latin I</i>

# **BASIC LATIN**

Credit 1

Grades 9-10

Course # 6111

Prerequisite: Counselor Recommendation

This course is for freshmen with counselor recommendation.

Basic Latin is a course designed to introduce the student to the Latin language—its vocabulary and language construction. Basic Latin, by having a small class size and special instruction methods, will best allow the student who might otherwise struggle with a foreign language to learn and succeed. The study of Latin enhances the student's understanding of his own language and prepares him for the study of modern languages. This course includes a study of Roman culture and civilization as well as an introduction to classical mythology. Basic Latin students do NOT enroll in Latin I; completion of Basic Latin will allow a student to move on to Survey of Languages. The basic course completes a student's Latin requirement.

# **LATIN I**

Credit: 1

Grades 9-12

Course #: 6121

Prerequisite: None

Latin I introduces the student to the ancient language of the Romans. Latin has a rich history as the mother of modern romance languages, in the history and liturgy of the Catholic Church, in contributions to the vocabulary of many scientific and professional fields, and in its impact on the English language. The course emphasizes how Latin has affected modern languages, especially the vocabulary and grammar of English. Latin study equips students with a greater understanding and appreciation of the English language and prepares them for the study of modern languages. The Latin course also teaches about Roman culture from which many aspects of western civilization - from law to literature - evolved. Students find Latin an asset for college entrance exams.

# **HONORS LATIN I**

# **H**

Credit: 1

Grade 9

Course #: 6101

Prerequisite: Counselor recommendation

The pace of this course is designed to challenge the student and allow him/her to learn according to his/her ability level. Honors Latin I introduces the student to the ancient language of the Romans. The student learns about the history of Latin and the Roman culture and its impact on other languages and cultures. The study of Latin will equip the student with a greater understanding of English and prepare him/her for the study of modern languages.

## **HONORS LATIN II**

**H**

Credit: 1

Grade 10-12

Course #: 6201

Prerequisite: a grade of 94% or above in Latin I and/or recommendation of Latin teacher.

Latin II continues the study of Latin vocabulary and grammar which began in Latin I. The main vehicle for the study will be writings of various Roman authors, such as Venerable Bede, Eihard, Heloise and Abelard, Petrarch, and Erasmus. The course is recommended for the serious student of linguistics before beginning the study of a modern language.

## **SURVEY OF LANGUAGES**

Credit: 1

Grade 10

Course #: 6031

Prerequisite: Counselor and teacher recommendation only

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 a modern language.

## **GERMAN I**

Credit: 1

Grades 9-12

Course #: 5111

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. Students have the opportunity to work ahead in this course. The student of German has the opportunity to complete, ultimately, three years of German in two scholastic years. German II will be the next course students select after the successful completion of German I.

## **GERMAN II**

Credit: 1

Grades 10-12

Course #: 5211

Prerequisite: Successful completion of German I

German II 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. Again, students have the opportunity to work ahead and complete the course in less than a scholastic year. The student of German has the opportunity to complete, ultimately, three years of German in two scholastic years. Working ahead requires the maturity level to work independently.

## **HONORS GERMAN III**

**H, CC**

Credit: 1 (College credit available)

Grades 10-12

Course #: 5301

Prerequisite: Teacher recommendation

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

Students in German III 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. Students may work ahead.

## **HONORS GERMAN IV**

**H, CC**

Credit: 1 (College credit available)

Grades 11-12

Course #: 5401

Prerequisite: Teacher recommendation

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

German IV 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 I**

Credit: 1

Grades 9-12

Course #: 4121

Prerequisite: None

French I 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 II**

Credit: 1

Grades 9-12

Course #: 4211

Prerequisite: Successful completion of French I

French II 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 III**

Credit: 1 (College credit available)

**H, CC**

Grades 10-12

Course #: 4301

Prerequisite: 86% or Teacher recommendation

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

Honors French III 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 IV**

Credit: 1 (College credit available)

**H, CC**

Grades 11-12

Course #: 4401

Prerequisite: 86% in Honors French III or Teacher recommendation

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

Honors French IV 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 I**

Credit: 1

Grades 9-12

Course #: 7121

Prerequisite: None

Spanish I 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 I.5**

Credit: 1

Grades 9-12

Course #: 7125

Prerequisite: Counselor and/or teacher recommendation ONLY.

Spanish I.5 is a course offered for students who received a 75% or BELOW in Spanish 1. It is designed to enable the Spanish student to better attain an elementary degree of proficiency in listening, speaking, reading, and writing. The Spanish 1.5 class will cover the material covered in Spanish 1. This course may also encompass some of the material normally studied in Spanish 2. The cultures and geography of the Spanish-speaking world will also be studied. Upon successful completion of Spanish 1.5, the student will be able to enroll in regular Spanish 2.

## **HONORS SPANISH 1**

**H**

Credit: 1

Grades 9-12

Course #: 7102

Prerequisite: for freshmen: Counselor recommendation and/or Spanish experience in grade/middle school

Prerequisite: for sophomores: 94% or above in Latin 1 / 94% or above in English 1

Honors Spanish 1 is a course designed to offer the student with prior Spanish experience or an aptitude for languages the opportunity to achieve a degree of proficiency in the four skills of listening, speaking, reading, and writing. The class is designed to move at a faster pace than regular Spanish 1 and to challenge the students. The history and cultures of Spanish-speaking countries will also be studied.

## **SPANISH II**

Credit: 1

Grades 9-12

Course #: 7211

Prerequisite: Successful completion of Spanish I

Spanish II 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 I. The cultures and customs of Spanish-speaking countries are studied.

## **HONORS SPANISH II**

**H**

Credit: 1

Grades 9-12

Course #: 7201

Prerequisite: Teacher recommendation & 90% or above in Spanish I

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

## **SPANISH III**

Credit: 1

Grades 9-12

Course #: 7311

Prerequisite: Successful completion of Spanish II & teacher recommendation

Spanish III 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 III**

**H, CC**

Credit: 1 (College Credit Available)

Grades 9-12

Course #: 7301

Prerequisite: Teacher recommendation & 90% or above in Spanish II

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

Honors Spanish III 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 IV**

Credit : 1

Grade 12

Course # : 7411

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

Regular Spanish IV 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 IV**

**H, CC**

Credit: 1 (College Credit Available)

Grades 10-12

Course #: 7401

Prerequisite: Grade of 86% in Honors Spanish III OR 90% in Spanish III

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

# **HONORS SPANISH V**

Credit: 1 (College Credit Available)

Course #: 7501

Prerequisite: Grade of 86% in Honors Spanish IV

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.

**H, CC**

Grades 10-12

# **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 it is recommended that all students take a fourth year. The Math Department offers an extensive list of classes to assist students in attaining their future goals. Freshmen have the opportunity to take Pre-Algebra, Algebra I, Honors Geometry, Honors Algebra I/Honors Geometry or Honors Geometry & Algebra II. Courses higher than Honors Algebra I are by invitation only from the Math Department Chair. Since Algebra I is a foundation for future math, a test-out is given in the spring to those students who feel they have completed Algebra I. The results of spring testing as well as the January placement tests are used to determine if a 9th grader will be placed in math class above Honors Algebra I. All students need to feel confident in their math ability. It is our objective to challenge students, to build their math skills, but not to frustrate them. Students in their senior year will have the option to take Honors Pre Calculus with Trig, Calculus I or Calculus II for college credit. Calculus college credit may be earned through the Advanced Placement exam in May.

9th Grade	10th Grade	11th Grade	12th Grade
Pre Algebra	Algebra I	Practical Geometry	Intermediate Algebra
Algebra I	Geometry	Algebra II	Algebra III with Trigonometry
Honors Algebra I	Honors Geometry	Honors Algebra II	College Algebra with Trigonometry
Honors Algebra I/ Geometry	Honors Algebra II	Honors Pre-Calculus with Trigonometry	Honors Pre-Calculus with Trigonometry
Honors Algebra II/ Geometry	Honors Pre-Calculus	Honors Calculus I	Honors Calculus I
<div style="border: 3px double black; padding: 10px;"> <p>This is a typical progression for a student through their four years. Other options are shown in the chart above.</p> </div>			



# **MATHEMATICS HONORS CLASSES**

Prerequisite: Generally students should have a minimum grade of 86% in a preceding honors class or a minimum grade of 94% in a regular class before enrolling in an honors class.

Students who are completing an 8th grade Algebra I course may register for Honors Geometry, or with special permission, the Honors Geometry/Algebra 11 course. These freshmen are expected to pass an Algebra I exam here at Saint Thomas Aquinas to demonstrate the skills mastered in Algebra I. The exam is given in March; exact dates are forthcoming. Successful completion of the Algebra exam is required prior to starting Honors Geometry. No freshmen should register for the regular geometry course. Course selections will be adjusted if necessary following the spring testing.

## **PRE-ALGEBRA**

**KR**

DOES NOT COUNT FOR KANSAS REGENT SCHOOLS MATH CREDIT (KANSAS UNIVERSITY, KANSAS STATE UNIVERSITY, EMPORIA STATE UNIVERSITY, PITTSBURG STATE UNIVERSITY, FORT HAYS STATE UNIVERSITY, WICHITA STATE UNIVERSITY)

Credit: 1

Grade 9

Course #: 40111

Prerequisite: None

This course is designed to be an introduction to Algebra. Emphasis is on solving equations. Topics covered are 1) solving equations and graphing simple linear equations, 2) simplifying variable expressions and 3) practical applications of algebraic skills. Algebra I is the next math course for students successfully completing Pre-Algebra.

## **ALGEBRA I**

Credit: 1

Grades 9-10

Course #: 40121

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 and solving quadratic equations and inequalities; 4) computations of algebraic fractions; 5) simplifying radical expressions, and 6) an introduction to functions. Ninth graders may take Algebra I as a first mathematics course; tenth graders may enroll after completing Pre Algebra.

# **HONORS ALGEBRA I**

Credit: 1

Course #: 40101

Prerequisite: None

The accelerated Algebra I 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).

**H**  
Grade 9

# **PRACTICAL GEOMETRY**

Credit: 1

Course #: 40211

Prerequisite: Algebra I and teacher recommendation

In this course, emphasis is placed on drawing and interpreting two and three-dimensional figures. 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 II should be the next level of math after successfully completing Practical Geometry.

Grades 10-11

# **GEOMETRY**

Credit: 1

Course #: 40221

Prerequisite: Successful completion of Algebra I

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.*

Grades 10-11

# **HONORS GEOMETRY**

Credit: 1

Course #: 40201

Prerequisite: Teacher recommendation with Algebra I test out

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.

**H**  
Grades 9-10

# **HONORS ALGEBRA 1/ HONORS GEOMETRY**

**H**

Grade 9

Credit: 1

Course # 40103

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 I and wants to study calculus before graduation. Placement Test Scores and Algebra 1 test-out results will be used to determine eligibility.

# **HONORS GEOMETRY/ HONORS ALGEBRA II**

**H**

Grades 9 or 10

Credit: 1

Course #: 40206

Prerequisite: By invitation of Math Department Chair only

This is a fast paced course that combines Honors Geometry and Honors Algebra II into a one-year course. It is designed for the very advanced math student who wants to study calculus before graduation. Students must have demonstrated an advanced ability through standardized test scores, grades and recommendation.

# **INTERMEDIATE ALGEBRA**

**KR**

Grades 11-12

Credit: 1

Course #: 40311

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

This course is designed to 1) review, strengthen and further develop topics covered in Algebra 1, and 2) provide an introduction to topics in Algebra II. This course is for students who are not ready for Algebra II. Average or above-average math students should take Algebra II. Intermediate Algebra is a good stepping-stone to Algebra II.

# **ALGEBRA II**

Credit: 1

Grades 10-12

Course #: 40321

Prerequisite: Algebra I 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, exponential and logarithmic functions; 3) conic sections; 4) matrices.

## **HONORS ALGEBRA II**

**H**

Credit: 1

Grades 9-11

Course #: 40301

Prerequisite: Successful completion of Honors Algebra I 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 #: 40431

Prerequisite: Successful completion of Algebra II

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 II concepts and an introduction to trigonometry. Topics include: 1) right triangular 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.

## **HONORS STATISTICS**

**H**

Credit: 1

Grade 12

Course #: 40403

Prerequisite: Successful completion of College Algebra or Concurrent enrollment in Honors Pre-Calculus.

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. Students may earn credit through an Advanced Placement examination in May.

## **COLLEGE ALGEBRA WITH TRIG**

Credit: 1

Grades 11-12

Course #: 40421

Prerequisite: Successful completion of Honors Algebra II or Algebra II with an 86% or higher and teacher recommendation.

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

This course is designed to give students the opportunity to receive 3 hours of college algebra credit while in high school. Students who meet JCCC requirements may enroll in the Quick Step PLUS College Algebra Partnership between JCCC and STA in order to earn College Algebra credit. The course includes an introduction to trigonometry. Topics include: 1) right triangular trigonometry; 2) circular trigonometry; 3) trigonometry equations; 4) trigonometry graphing and identities; 5) analyzing graphs of functions; 6) polynomial and rational functions; 7) logarithmic and exponential functions; 8) systems and matrices; and 9) sequences, series and binomial theorem.

## **HONORS PRE-CALCULUS WITH TRIG** **H, CC**

Credit: 1

Grades 10-12

Course #: 40302

Prerequisite: Completion of Honors Algebra II with 86% and teacher recommendation. If college credit is desired, enrollment requirements through JCCC must be met in the fall.

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

This course includes a study of functions and their graphs, solving equations and inequalities, recognition and creation of patterns, and the use of mathematical models. Included in the course are linear, power, polynomial, rational, radical, exponential, logarithmic, trigonometric, and absolute value functions. Some topics are expanded to provide a solid foundation for the study of Calculus. Students who meet JCCC requirements may enroll in the College Now Pre-Calculus course through JCCC to receive 5 hours of college credit. This course is required for Calculus.

## **HONORS COLLEGE CALCULUS I** **H, CC**

Credit: 1 (for college credit - Honors credit)

Grade 11-12

Course #: 40401

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. Another means of earning college credit for Calculus I is available through JCCC. The enrollment process is done in the fall; cost per credit hour is paid to JCCC to receive 5 hours of college credit.

## **HONORS COLLEGE CALCULUS II** **H, CC**

Credit 1

Grade 12

Course #: 40501

Prerequisite: Successful completion of Calculus I

This course is a continuation of those concepts introduced in Calculus I. Additional applications of differentiation and integration are developed. Students may earn credit through Advanced Placement examination 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 I/Health as freshmen and PE II/Health as sophomores (each one semester). Elective courses such as Weight Training I and II, and Advanced PE are available during the junior and senior years. The focus for all PE courses includes fitness, lifetime sports and individual wellness.

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 I**

Credit: ½

Grade 9

Course #: Girls 50115, Boys 50175

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 stress management, nutrition, and emotional/mental health.

\*\*Physical Education uniforms are sold in the Spirit Shop and need to be purchased before the course begins. \*\*

## **PHYSICAL EDUCATION & HEALTH II**

Credit: ½

Grade 10

Course #: Girls 50215, Boys 50275

Prerequisite: Successful completion of Physical Education & Health I

Physical Education/Health II is required for sophomores. This course builds on activities and skills learned during PE/Health I, 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.

\*\*Physical Education uniforms are sold in the Spirit Shop and need to be purchased before the course begins. \*\*

## **ADVANCED PHYSICAL EDUCATION**

Credit: ½

Grades 11-12

Course #: 50315 boys / 50335 girls

Prerequisite: PE and Health I & II and teacher recommendation

This course is designed with an emphasis upon lifetime fitness and activities. This class is a combination of classroom work and physical activities/games. Students should expect class work and fitness evaluations in addition to sport games and activities.

## **BOYS' WEIGHT TRAINING**

Credit: ½

Grades 11-12

Course #: I - 50415, II - 50425

Prerequisite: Successful completion of Physical Education and Health I and II

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 over-all strength and physical fitness.

## **GIRLS' WEIGHT TRAINING**

Credit: ½

Grades 11-12

Course#: I - 50435, II - 50445

Prerequisite: Successful completion of Physical Education & Health I and II

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.

# **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

## **CLOTHING I**

Credit: ½

Grades 10-12

Course #: 10415

Prerequisite: None

Students learn about pattern and fabric selection, care of clothing, construction techniques, and proper use and care of sewing and pressing equipment. Students spend most of their classroom time in actual construction of projects. They are responsible for purchasing their own fabric, patterns, and sewing supplies. Preference for enrollment is given to seniors, then juniors.

## **CLOTHING II**

Credit: ½

Grades 11-12

Course #: II - 10425

Prerequisite: Successful completion of Clothing I

Students are expected to expand their sewing skills with more difficult projects. As in Clothing I, most of class time is spent constructing garments, but the course also includes units on fibers, fabrics and the elements and principles of design. Students purchase their own fabric, patterns and sewing supplies. Note: no two clothing classes can be taken in the same semester. Preference for enrollment is given to seniors, then juniors.

## **CLOTHING III**

Credit: ½

Grades 10-12

Course #: 10435

Prerequisite: Successful completion of Clothing I and II and permission of instructor.

Students who are not only interested in furthering their skills, but who are also considering a career in the clothing and textiles area should take this course. More challenging clothing construction projects should be chosen, as well as an independent (non-sewing) project. Preference for enrollment is given to seniors, then juniors.

## **CHILD DEVELOPMENT**

Credit: ½

Grades 11-12

Course #: 10315

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 #: 10325

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 AND NUTRITION**

Credit: ½

Grades 10-12

Course #: 10215

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.

## **ADVANCED FOODS**

Credit: ½

Grades 11-12

Course #: 10225

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 experience.

## **INTERIOR DESIGN**

Credit: ½

Grades 10-12

Course #: 10335

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 10-12

Course #: 20311

Prerequisite: None

This course deals with lettering, sketching, 3-view drawing, pictorial drawing, practical geometry, section views, auxiliary views, fasteners, dimensioning, and detail and assembly drawings. Students are introduced to AutoCAD. Drafting students need to have an aptitude for space relations (visualizing 2-D matter as three-dimensional). Students are required to purchase special drafting equipment. This course fulfills the fine arts credit needed for STA graduation.

# 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.

All science classes stress a hands-on approach to science activities. Emphasis is on helping students become skilled problem solvers. Each area of our curriculum attempts to integrate all science areas and show applications to real life situations by making connections to technological, social and historical aspects of life.

Although three years of science are required for graduation, many students complete four years. The required sequence is Biology, Chemistry I, and Physics I. \* Typically, students complete the required sequence in the first three years and have the option of additional science in the senior year. Students wishing to take additional science may choose from College Biology, Chemistry II/Physics II, and/or Anatomy/Physiology. Use the concept map and the prerequisites of course selection. Prerequisites are necessary to help students select the appropriate class placement for their success.

\*For some freshman, a counselor may recommend a sequence of: Earth and Space Science, Biology, Chemistry and an option of Physics.

## **EARTH AND SPACE SCIENCE**

Credit:1

Grades 9

Course #: 60151

Prerequisite: Counselor Recommendation

This course is for freshmen with counselor recommendation

This is a lab-based science course based on the study of the physical earth and its place in the universe. Investigations include the history of the earth, plate tectonics, geologic time, earth composition and structure, climate and weather, organization of the universe, cosmology and space exploration.

## **BIOLOGY**

Credit: 1

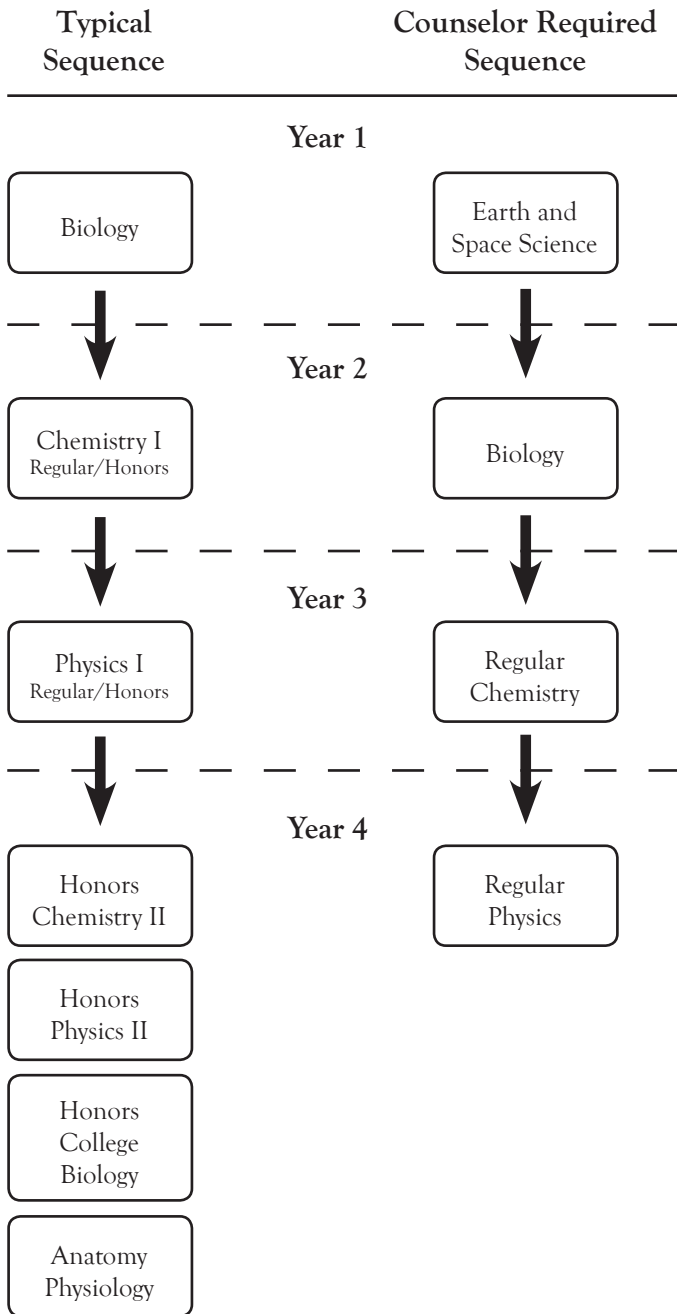
Grades 9-10

Course #: 60121

Prerequisite: None

This course is an introduction to the understanding and appreciation of life. Exploring life includes the study of inheritance, history of life, microbes, plants, animal diversity, human structure and function and ecology. Computer and laboratory work is stressed throughout the course.

# Science Curriculum



# **CHEMISTRY I**

Credit: 1

Grades 10-12

Course #: 60221

Prerequisites: Successful completion of Biology

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. Special emphasis is on problem solving and the practical application of chemistry. Regular lab exercises are an important part of this course.

# **HONORS CHEMISTRY I**

**H**

Credit: 1

Grades 10-12

Course #: 60201

Prerequisite: Successful completion of Biology AND Honors Algebra I

This course introduces students to chemical concepts by relating the structure of matter to its function. Topics are covered in a more in-depth mathematically-oriented manner than Chemistry I. Honors Chemistry I is a good choice for students who are confident in their mathematical ability. Laboratory and computer investigations provide students with a variety of ways to interpret information, analyze data and develop critical thinking skills.

# **HONORS CHEMISTRY II**

**H, KR**

Credit: ½

Grades 12

Course #: ½: 60405

Prerequisite: Successful completion of Biology, Chemistry, and Physics

This course is designed to increase students' knowledge of general chemistry. Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding 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 Chemistry I.

# **PHYSICS I**

Credit: 1

Grades 11-12

Course #: 60321

Prerequisite: Successful completion of Biology and Chemistry

Physics is the study of the fundamental laws of nature. This course is the study of the classical models used in an attempt to explain and understand the natural world that surrounds us. Students are exposed to and expected to solve problems involving classical mechanics, wave theory, sound and light, electricity and magnetism. The course includes many hands on laboratory activities related to the various principles studied. Students learn applications of simple mathematical models to everyday physical situations.

## **HONORS PHYSICS I**

Credit: 1

Course #: 60301

Prerequisite: Successful completion of Biology and Chemistry; concurrent enrollment in Honors Algebra II

This course is designed for those students interested in pursuing a career in a science related field. It is geared to students having strong interests and abilities in the physical science area. Abstract concepts with broad generalization and intense mathematical treatment are used in developing an understanding of motion, forces, energy, wave theory, electricity, and nuclear physics. Most Honors Physics students are also Honors Algebra II or Pre-Calculus students.

**H**  
Grades 11-12

## **HONORS PHYSICS II**

Credit: ½

Course #: 60505

Prerequisite: Successful completion of Biology, Chemistry and Physics

This laboratory-intensive course allows students to explore a variety of topics, which are not covered in the first year of physics. Physics II reviews and expands those topics that were introduced during the first physics course. Typical subjects include electromagnetism, electric power, light interference, diffraction, color, refraction, radioactivity and logic circuits. Lab exercises and self-study are an integral part of this course.

**H, KR**  
Grade 12

## **HONORS COLLEGE BIOLOGY**

Credit: 1

Course #: 60401

Prerequisite: Successful completion of Biology, Chemistry and Physics

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

Students may sign up for four hours JCCC credit at the beginning of the year. This year-long college level course follows the JCCC course outline and requirements. Lab oriented, the course emphasizes a molecular biology approach with the study of genetics, microbiology, plant and animal groups, body systems, and the environment. Statistical analysis of previously enrolled students indicate that students entering the class with a cumulative GPA of 90% or higher are more likely to successfully complete the class.

**H, CC**  
Grade 12

# **ANATOMY/PHYSIOLOGY**

Credit: ½

Grade 12

Course #: 60425

Prerequisite: Successful completion of Biology, Chemistry, and Physics

This course is designed for students contemplating careers in medicine or exercise physiology. Structure and function of the systems of the human body are explored. Regular classroom work is enhanced with laboratory activities, including cat 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.

# **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 freshman or 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:

## **FRESHMAN YEAR**

World History - 1 credit or  
Honors World History - 1 credit

## **SOPHOMORE YEAR**

Social Studies Elective:  
Early American History - ½ credit - ODD YEARS  
History of Art - ½ credit - EVEN YEARS  
Geography - ½ credit - ODD YEARS

## **JUNIOR YEAR**

American History - 1 credit or  
Honors American History - 1 credit  
Social Studies Elective if desired from the following:  
Contemporary History - ½ Credit - Grades 11 & 12 ONLY - EVEN YEARS  
Psychology - ½ Credit - Grades 11 & 12 ONLY  
Sociology - ½ credit - ODD YEARS  
Early American History - ½ credit - ODD YEARS  
History of Art - ½ credit - EVEN YEARS  
Geography - ½ credit - ODD YEARS

## SENIOR YEAR

One Government and one Economics class - required

American Government - ½ credit or

Honors American Government - ½ credit or

We the People - ½ credit

PLUS

Economics - ½ credit or

Honors Economics - ½ credit

Social Studies Elective if desired from the following:

Contemporary History - ½ Credit - Grades 11 & 12 ONLY - EVEN YEARS

(There is no prerequisite for this course and you can have taken Contemporary History more than once.)

Psychology - ½ Credit - Grades 11 & 12 ONLY

Sociology - ½ credit - ODD YEARS

Early American History - ½ credit - ODD YEARS

History of Art - ½ credit - EVEN YEARS

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.

## **WORLD HISTORY**

Credit: 1

Grades 9-10

Course #: 70151

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.

## **HONORS WORLD HISTORY**

# **H**

Credit: 1

Grades 9-10

Course #: 70103

Prerequisite: Minimum score on entrance exam and recommendation of Department Chair.

This course uses an investigative method to introduce students to the seven cultural regions of the world. Like regular World History the focus in this course is on the history, geography, culture, economics, government and current events of the seven regions; however, students participating in Honors World History are expected to demonstrate independent thinking and advanced composition skills in completion of more lengthy projects and research. This is an honors course; therefore, expectations are high and evaluations are more stringent than regular World History.

# **AMERICAN HISTORY**

Credit: 1

Grade 11

Course #: 70311

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**

Credit 1

Grade 11

Course #: 70301

Prerequisite:

- Honors World History or
- Recommendation of department chair and a cumulative GPA of 95%

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.

# **ECONOMICS**

Credit: 1/2

Grade 12

Course #: 70515

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. In partnership with Junior Achievement, the Management and Economic Simulation Exercises introduce real life economics to the students. This is a typical selection for the required senior year of economics.

# **HONORS ECONOMICS**

Credit: ½

Course #: 70505

Prerequisite:

- Honors American History or
- Recommendation of department chair and a cumulative 95%

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 works in partnership with Junior Achievement using 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.

**H**  
Grade 12

# **AMERICAN GOVERNMENT**

Credit: ½

Course #: 70415

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.

Grade 12

# **HONORS AMERICAN GOVERNMENT**

Credit: ½

Course #: 70405

Prerequisite:

- Honors American History or
- Recommendation of department chair and a cumulative 95%

In this course the goal is to achieve a better understanding of the American political system and enable students to make better decisions and become better citizens. Topics to be covered are foundation of American Government, political behavior, Legislative Branch and local government issues. Honors Government students are asked to work on several projects during the semester, which require higher thinking skills in understanding the American political system and the relationships within the system.

**H**  
Grade 12

# **WE THE PEOPLE...THE CITIZEN AND THE CONSTITUTION**

Credit: 1/2 credit

Grade 12

Course #: 70406

This course is taught 1st semester - it will satisfy government graduation requirement.

Prerequisite: Recommendation of department chair

NOTICE: We the People will ALSO meet 2nd semester during ZERO HOUR. Students will receive an additional .5 credit (NON-HONORS) (Course #70416) for the Zero Hour Class.

The goal of this course is to provide students with an understanding of the American past and to equip them intellectually to be active participants in the American present and future. It provides students with the foundation of a civic education. The class stresses the development of analytic and evaluative skills, which enable students to apply basic substantive knowledge to a wide variety of political questions and controversies. As a culminating activity of the program, students participate in a simulated congressional hearing. The entire class, working in teams, prepares and presents statements and answers questions before a panel of community representatives who act as congressional committee members. Students have the opportunity to receive honors credit based upon their academic performance throughout the semester and at the congressional hearing.

## **EARLY AMERICAN HISTORY (U.S. HISTORY TO 1877)**

Credit: ½

Course #: 70375

Offered odd years

This is an elective history class that traces our nations history from the first North American explorers and settlers to the Reconstruction period following the Civil War. This course is recommended for those who plan to take the AP exam in American History. Major topics/events to be covered:

- European exploration of the New World and how that shaped the creation of the United States.
- U.S. Revolution and reasons why it occurred.
- The nations early hurdles and creation of the Constitution.
- Louisiana Purchase.
- War of 1812.
- California Gold Rush and the settling of the West.
- Issue of slavery and other differences between the Northern and Southern states.
- Civil War and how it was a watershed moment in our history.
- Reconstruction.

**H**

Grade 12

Grade 10-12

## **GEOGRAPHY**

Credit ½

Course #: 70345

Offered odd years

Grades 10 - 12

This course is a survey of the physical and human dimensions of the world based on the five themes of geography. It includes a study of the Earth's surface and the processes that shape it; the relationships between people, and connections between people and places. Activities include map studies, films, GPS work and special projects.

## **SOCIOLOGY**

Credit ½

Course #: 70355

Offered odd years

Grades 11 - 12

Sociology is the in-depth study of society. It is concerned with groups, how groups are formed and how they change with actions of individuals within groups. In this course, the student learns to think like a sociologist and to look for patterns in the behavior of people. Topics such as adolescence, culture, norms, values status, roles, race, marriage and discrimination are covered in lectures, notes and in-depth research projects.

## **HISTORY OF ART**

Credit ½

Course #: 70235

Offered even years

**KR**

Grades 10 - 12

This course provides a chronological survey of Western art and architecture from prehistoric through present. The aims of this course are to develop visual literacy and provide an introduction to the discipline of art history. Students explore various methods of seeing art and architecture, from appreciating, to viewing critically, to interpreting historically.

## **PSYCHOLOGY**

Credit: ½

Course #: 70315

Grades 11 - 12

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.

# **CONTEMPORARY HISTORY**

Credit ½

Course #: 70335

Prerequisite: Grade level 11 - 12

Offered even years

Grades 11 - 12

This course is designed to help students read, evaluate and discuss current domestic and foreign news through the print and broadcast media. Activities include multi-media sources and special projects. NOTE: Cost of a weekly magazine (Time) for semester—approximately \$10. (There is no prerequisite for this course and you can have taken Contemporary History more than once due to the ever-changing contemporary aspect)

# ***BUSINESS AND TECHNOLOGY***

## ***BUSINESS***

KR = While business courses are excellent the Qualified Admissions Approved Curriculum for KS Regents Universities does not require any business course other than 1 credit of technology.

### ***ACCOUNTING I***

Credit 1/2

Course #: 2321

Prerequisite: None

This course is offered in the FALL. This course is designed to introduce students to the accounting cycle and principles for a sole proprietorship, partnership and 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 college, or entry into the business community as accounting clerks or bookkeepers.

***KR***

Grades 11-12

### ***BUSINESS LAW***

Credit: 1/2

Course #: 2375

Prerequisite: None

This course helps students understand the legal obligations and rights in business and how to avoid legal difficulties in their personal lives. Historical foundations of the American law and court systems are examined. Ethical implications in business situations are part of this interactive class. Actual law topics include contract law, environmental law, and international law.

Grades 11-12

### ***MARKETING***

Credit ½

Course #2415

Prerequisite: None

Offered odd years

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.

Grades 12

# TECHNOLOGY

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.

## COMPUTER TECH II

Credit: ½

Grades 9-12

Course #: 2215

Prerequisite: None

This course is required to meet the technology requirements for graduation. Enrollment in Computer Tech II is expected during freshman or sophomore year. Students should possess skills that allow them to be independent learners. Students should be familiar with the topics on the chart below. This course examines operating systems, word processing, spreadsheets, and presentation graphics techniques, Internet usage and issues, ethical uses of technology, plus an introduction to data base creation/management and use are included in this course. There are no provisions for testing out of this class.

<b>Word Processing: Using Word</b>	<b>Spreadsheet Application: Using Excel</b>	<b>Database Management: Using Access</b>	<b>Presentation Graphics: Using Power Point</b>
Formatting Letters, memos, reports, tables, flyers, brochures, and newsletters.	Functions SUM, AVERAGE, ROUND, MIN, MAX, IF, VLOOKUP, CHOOSE, PMT.	Creating and Printing Databases	Create and Format Slides
File Management	Formulas + - * / ^	Tables	Slide Transition
Internet Fundamentals	Charts	Queries	Slide Background
Proper use of E-mail	Graphs	Forms	Slide Animation
Printing Basics	Printing the above	Reports	Presenting the above

## PROGRAMMING CONCEPTS

Credit: ½

Grades 9-12

Course #: 2345

Prerequisite: Completion of Technology Applications (Computer Tech II) and grades of 85% or higher in math courses including Algebra I

Programming concepts is an introduction to computer programming. The class will emphasize interactive web scripting and game creation. Students will use JavaScript, and the PHP scripting language to illustrate structured programming technique. Topics include assigning, sequencing, looping, decision-making and input/output operations.

# **DESKTOP PUBLISHING**

Credit: ½

Grades 10-12

Course #: 2235

Prerequisite: Successful completion of Technology Applications (Computer Tech II)

In Desktop Publishing students acquire the fundamentals of text publishing, graphics, design, layout, style, photography, special effects, animation, and sound. By using the fundamentals of desktop publishing, students learn to communicate their ideas through the use of desktop publishing software. Adobe In Design 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.

# **ADVANCED DESKTOP PUBLISHING**

Credit: ½

Grades 10-12

Course #: 2285

Prerequisite: Successful completion of Desktop Publishing

Advanced Desktop Publishing (ADTP) is a semester long, project-based curriculum that develops career and communication skills in print production and graphic design, using Adobe tools: Photoshop, In Design, Acrobat and Illustrator. ADTP develops four key skill areas:

- Project management and collaboration
- Design
- Research and communication
- Professional print production using graphic design tools

Students experience subject areas and skills across careers in graphic design, photography, print and layout design, and production. Skills in the areas of basic photography, image composition and elements are introduced. Color theory, design principles, advanced typography, layout design, and image manipulation are further enhanced. Students will work in teams to create the theme, purpose, and content for a variety of projects. ADTP addresses each of these areas, using a project-based approach. Each project has phases that follow a design and development process, from project planning and analysis to evaluation and distribution. Students gain experience through real-world projects that help them better understand the roles and processes across a broad range of careers involving visual design. To simulate a professional work environment, students gradually migrate their design work from an individual process to a group process, focused on personal and client work. Design work by its very nature is iterative, so the projects contain activities that require students to evaluate and then redesign and rework their communications. Specific attention is paid to developing concepts and principles for thorough, effective design.

# **FUNDAMENTALS OF WEB DESIGN**

Credit: ½

Grades 10-12

Course #: 2245

Prerequisite: Successful completion of Technology Applications (Computer Tech II)

This course focuses on the overall production processes surrounding web site design. Emphasis is on HyperText Markup Language, Cascading Style Sheets, site organization and design elements involving layout, navigation, and interactivity. Hands-on Web Design exercises are taught using industry standard Adobe, Microsoft and Mozilla.org software.

# **VIDEO CREATION AND EDITING**

Credit: ½

Grades 10-12

Course #: 2295

Prerequisite: Technology Applications (Comp Tech II)

The goal of the course is to expose students to a variety of video creation and editing hardware and software. The software used is Adobe Premiere®, Adobe PhotoShop®, and Adobe Illustrator®, After Effects®, Microsoft Movie Maker® and digital video camcorders. Students create a monthly video of school events and web clips. Students will learn the techniques necessary to create and edit quality digital video productions for school and personal purposes.

# **CISCO NETWORKING ACADEMY PROGRAM**

The Cisco Networking Academies program consists of four semester classes – each ½ credit. The academy is open to students in grades 10 – 12; however, only juniors and seniors may earn college credit. Because of limited space, enrollees are evaluated as to interest and opportunity for success. The program is designed to teach students the skills needed to design, build, and maintain small to medium-size networks. This provides students with the opportunity to enter the workforce and/or further their education and training in the computer-networking field. Each semester is an important step toward achieving Cisco Certified Networking Associate (CCNA) certification. The CCNA certification indicates knowledge of networking for the small office, home office (SOHO) market. The certification also indicates the ability to work in small businesses or organizations using networks that have fewer than 100 nodes. These CISCO courses are available to junior and seniors for college credit.

# **HONORS CISCO NETWORKING 1**

**H,CC**  
Grades 10-12

Credit: ½

Course # 2605

This is a semester course (1/2 credit)

Offered odd years

Prerequisite: Passing Completion of Computer Technology II and Permission from Instructor.

Maximum Students = 15

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

This is the first of four semester courses designed to provide students with classroom and laboratory experience in current and emerging networking technology. The content standards of the CISCO program are developed through the task and occupational analysis of current industry standards. CCNA 1 introduces Cisco Networking Academy Program students to the networking field. The course focuses on the following: Network terminology and protocols, Local-area networks (LANs), Wide-area networks (WANs), Open System Interconnection (OSI) models, cabling, cabling tools, routers, router programming, Ethernet, Internet Protocol (IP), addressing and Network standards.

Particular emphasis is given to the use of decision-making and problem solving techniques in applying science, mathematics, and language arts concepts to solve networking problems. In addition, instruction and training are provided in the proper care, maintenance, and use of networking software, tools, and equipment.

# **HONORS CISCO NETWORKING 2 H,CC, KR**

Grades 10-12

Credit: ½

Course #2606

This is a semester course (1/2 credit)

Offered odd years

Prerequisite: Passing Completion of 2605 & Permission from Instructor. Maximum Students = 15

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

This is the second of four semester courses designed to provide students with classroom and laboratory experience in current and emerging networking technology. CCNA 2 focuses on initial router configuration, Cisco IOS Software management, and routing protocol configuration. TCP/IP, and access control lists (ACLs). Students learn how to configure a router, manage Cisco IOS software, configure routing protocols on routers, and set access lists to control access to routers. Students must successfully complete the CCNA 2 course before they can achieve CCNA certification.

Emphasis continues to be given to the use of decision-making and problem solving techniques in applying science, mathematics, and language arts concepts to solve networking problems. Instruction and training in the proper care, maintenance, and use of networking software, tools, and equipment is continued in the CCNA 2 class.

## **HONORS CISCO NETWORKING 3 H,CC, KR**

Credit: ½

Grades 11-12

Course #: 2705

Offered even years

Prerequisite: Passing Completion of 2605 & 2606 + Permission from Instructor. Maximum Students = 15

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

This is the third of four semester courses designed to provide students with classroom and laboratory experience in current and emerging networking technology. CCNA 3, Switching Basics and Intermediate Routing, is the third of four courses leading to the Cisco Certified Network Associate (CCNA) designation. CCNA 3 introduces Cisco Networking Academy Program students to the basics of switching and intermediate routing skills. The course focuses on the following: Introduction to classless routing, Single area OSPF, EIGRP, Switching concepts, Switches, Switch configuration, Spanning-Tree Protocol, Virtual LANs, and VLAN Trunking Protocol. Students must successfully complete the CCNA 3 course before they can achieve CCNA certification.

Emphasis continues to be given to the use of decision-making and problem solving techniques in applying science, mathematics, and language arts concepts to solve networking problems. Instruction and training in the proper care, maintenance, and use of networking software, tools, and equipment is continued in the CCNA 3 class.

## **HONORS CISCO NETWORKING 4 H,CC, KR**

Credit: ½

Grades 11-12

Course #: 2706

Offered even years

Prerequisite: Passing Completion of 2605, 2606 & 2705 and Permission from Instructor. Maximum Students = 15

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

This is the fourth of four semester courses designed to provide students with classroom and laboratory experience in current and emerging networking technology. CCNA 4, WAN Technologies, is the fourth of four courses leading to the Cisco Certified Network Associate (CCNA) designation. CCNA 4 introduces Cisco Networking Academy students to WAN technologies. The course focuses on the following: Network Address Translation (NAT) and Port Address Translation (PAT), WAN technologies, Point-to-Point Protocol (PPP), Integrated Services Digital Network (ISDN), Dial-on-demand routing (DDR), Frame Relay and Network management. Students must successfully complete the CCNA 4 course before they can achieve CCNA certification

Emphasis continues to be given to the use of decision-making and problem solving techniques in applying science, mathematics, and language arts concepts to solve networking problems. Instruction and training in the proper care, maintenance, and use of networking software, tools, and equipment is continued in the CCNA 4 class.

# **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 #: 70111

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) Students in any grade 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: ½ each semester

Course #: 1st semester 90075; 2nd semester 90085

Prerequisite: Teacher approval and two faculty recommendations

Peer tutors are assigned to a classroom working with specific students, or in Guided Studies working with students in several areas of academics. Training of peer tutors is the responsibility of Mr. Charles Lamont. Peer tutors receive a % grade, which is computed in the cumulative GPA; therefore, 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. This could include: checking assignment notebooks to see if homework has been written down, checking to see if students have book-paper-pencils-notes-homework for the particular class, work with students individually on current or homework assignments, help organize notes, if necessary, bring student to resource center for oral or written work or testing as needed, develop a relationship with the students in order to help them be successful at Saint Thomas Aquinas (role models), if necessary meet with students during seminar (room 103 or in their own seminar) and help with course work, be available to help all students in a particular classroom, and meet with Mr. Charles Lamont monthly during seminar to evaluate the program and discuss any concerns they may have. Students may NOT enroll in peer tutoring and student aide in the same semester.

**KR**  
Grade 12

## **PSAT TEST PREP**

Credit: ½

Course #: 30275

Prerequisite: By invitation

This fall semester course is open to sophomores who scored at the 96-99th college-bound percentile on their freshman year MAP test and enroll in Honors English plus completed or concurrently enrolled in Honors Geometry. Students learn how to prepare for the PSAT test. They are exposed to the different formats used in questions related to verbal and mathematical skills. They learn to apply organizing principles and test-taking strategies that help the students feel comfortable in taking the PSAT. Students in the course are encouraged to complete a brief refresher course prior to the October PSAT of their junior year. The MAP test was an on-line test given through the English and Math classes.

**H , KR**  
Grade 10

## **SENIOR OUTREACH**

Credit: 1/2 each semester

Course # 80475 1st semester; # 80485 2nd semester

Prerequisite: Invitation only

Senior outreach students are assigned to Catholic grade schools in order to assist teachers and work with students. The grade school personnel assign duties. Training of outreach students is the responsibility of our Saint Thomas Aquinas community coordinator. Students meet with the coordinator throughout the semester to discuss the program and share concerns. Students are required to be Virtus trained by attending a Virtus workshop in the Archdiocese.

**KR**

Grade 12

## **STUDENT AIDE**

Credit: 1/4

Prerequisite: Application and approval by administration

Course #: 1st Semester: # 90015, 2nd Semester: # 90095

Seniors may serve as student aides during one or both semesters. 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.

**KR**

Grade 12

# ***ZERO HOUR***

The following courses are offered during the school day and/or again before school (three times a week) 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.

Advanced Debate (first semester) #30955	Zero Hour
Honors Advanced Debate (first semester) #30207	School Day
Forensics (second semester) #30865	Zero Hour
Forensics (second semester) #30165	School Day

These classes are offered during Zero Hour ONLY.

Show Choir (all year) #3151	
Jazz Band (all year) #3281	

# ***SUMMER SCHOOL***

## ***DISCLAIMER:***

These courses are subject to change due to availability of students and teachers.

Typical courses offered each summer at Saint Thomas Aquinas are as follows:

## ***CREDIT COURSES:***

Computer Tech II #002215

Video Creation #002295

Speech #030115

PE/Health (coed) #050999

World History (Sem 1) #070151

## ***NON-CREDIT COURSES:***

Introduction to Algebra #40131

Introduction to Algebra is offered for any incoming freshman who would like to start their freshman year in Algebra 1. This will hopefully ensure that the student reaches Algebra II before graduation. The student will need to maintain an 80% or better in this summer course and/or have the instructor's permission to enroll in Algebra 1.

\*This course is also available to anyone wanting to have an organized Intro to Algebra refresher course to keep their math skills sharp over the summer.

