

**BLUEJAY ENROLLMENT**

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## **Introduction**

Welcome to Norton Community High School! As you progress through your four years here, you will find that the education you receive is excellent preparation for adult life. You should balance activities and academics so that you get the best from each. Whatever vocation or career you are working towards, your high school preparation will be extensive and complete. You should plan your high school curriculum according to interests and career choices. Final choice of classes should be a joint effort between you and your parents. The Counselor, Principal, and teachers are available to help and answer questions in this process.

Following are some suggestions to help you in choosing your high school curriculum.

<b>College or Vocational Major</b>	<b>Recommended Electives at NCHS</b>
Agriculture	Chemistry, Ag. Courses, Speech
Agribusiness	Economics, Business Law, Accounting, Ag courses, Art classes, Web Design
Art	Art Classes, Web Design, Advanced Multimedia
Biological Sciences	4 years Math, Speech, Physiology, Chemistry, Physics
Business	Accounting, Economics, Business Law, Computer Applications
Chemistry	Chemistry, Physics, Algebra II
Computer Science	Math, Computer Applications, Adv. Multimedia, Web Design, Art
Engineering	Drafting, Math, Science
Economics	Accounting, Economics, Business Law
Education	Speech, Sociology, Psychology
History	Sociology, World History, Economics
Mathematics	Adv. Math classes, Computer Applications
Music	Instrumental Music, Vocal, Music Theory
Nursing	Chemistry, Psychology, Physiology

Physics	Adv. Math classes, Chemistry, Physics
Psychology	Sociology, Psychology, Physiology
Sociology	Sociology, Psychology, Economics
Secretarial Studies	Accounting, Computer Applications, Adv. Computer Applications
Speech Communication	Speech, Forensics
Telecommunications	Computer Applications, Video Technology, Web Design

## **NORTON COMMUNITY HIGH SCHOOL**

This spring, you will be asked to select the classes you wish to take next year. It is very important that you read the pages in this booklet carefully. Information contained on these pages will answer most questions you have concerning the enrollment process.

### PLEASE FOLLOW THESE STEPS TO COMPLETE YOUR ENROLLMENT.

1. Become familiar with NCHS graduation requirements.
2. Become familiar with future educational and occupational requirements. If you plan to attend any of the six Kansas Regents universities, you need to understand the pre-college curriculum as outlined by the Kansas Board of Regents.
3. Select the classes you want to take and indicate them on the enrollment sheet.
4. Discuss your curriculum plan with parents, make changes if necessary, and then obtain parent signature.
5. Bring your enrollment sheet to the counselor, at the time indicated.

### Graduation Requirements

4 units English  
 3 units Social Studies:  
 3 units Science  
 3 units Math  
 1 unit Fine Arts  
 1 unit P.E.  
8 units Electives  
 23 units total

### Grading Scale:

Grade in Percent	Grade	GPA
96-100	A	4.0
90-95	A-	4.0
87-89	B+	3.0
84-86	B	3.0
80-83	B-	3.0
77-79	C+	2.0
74-76	C	2.0
70-73	C-	2.0
67-69	D+	1.0
64-66	D	1.0
60-63	D-	1.0
59 and Below	F	0.0
	P	0.0

### Honor Roll

To achieve the “Highest Honor”, a student must receive a grade of “A” in all subjects or 4.0. The “Honor I” may be achieved by having a grade point of 3.5 to 3.99. The “Honor II” may be achieved by having a grade point of 3.0 to 3.49.

The purpose of the honor roll is to help students set goals they wish to achieve and then be recognized for that achievement.

A student must be enrolled in at least five classes to be eligible for the honor roll. Students receiving an incomplete grade will not be on any honor roll. If a student obtains an “I”, or incomplete, the student will be given a deadline to change the Incomplete to a grade or no credit will be awarded for the grade period. All incompletes must be made up within three weeks after the close of the grading period.

### Class Load

A student must be enrolled in five classes or more to be eligible for any activities governed by the Kansas State High School Activities Association and the Honor Roll.

### Teacher Aides

Being a teacher aide does not satisfy state requirements as a required course. The class is counted as an elective. The following have been selected as teacher aide guidelines:

1. Teacher must approve each aide.
2. Student must have a cumulative grade point average of 2.0.
3. Student can be an aide no more than one period per day.
4. Student must enroll in six full credit classes.
5. On Track to graduate with their class

# CURRICULUM FOR SPECIAL PROGRAMS

## **KANSAS QUALIFIED ADMISSIONS CURRICULUM**

If you plan to attend any of the six Kansas Regents universities, you need to understand the admissions guidelines set forth by the Kansas Board of Regents. Students will need to meet at least one of the three requirements explained below. One way students can meet the requirements is by completing the pre-college curriculum with a 2.0 GPA (a “C” average) as outlined by the Kansas Board of Regents.

There are two other possible ways to qualify for admission and they include achieving an ACT score of 21 or above or ranking in the top one third of your high school’s graduating class.

The following outlines the high school courses that are required to meet the requirements for admission to any of the Kansas Regents universities.

NOTE: 1 unit = 1 year

English, 4 years. At least one unit of English or language arts must be taken each year of high school. Students are encouraged to take courses in journalism and speech, but these courses may not be used to fulfill the English requirements.

Mathematics, 3 years. There are two different paths that may be taken to meet the math requirements.

Option 1 = Algebra I, Geometry, and Algebra II.

Option 2 = Geometry, Algebra II and Advanced Math.

Science, 3 years. Students must take three units chosen from the following courses. At least one unit must be in chemistry or physics.

- ◆ Earth Science;
- ◆ Biology;
- ◆ Advanced Biology(Physiology);
- ◆ Chemistry;
- ◆ Physics

Social Studies, 3 years. Students must complete the following:

- ◆ One unit of U.S. history;
- ◆ One-half unit of U.S. government;
- ◆ One unit selected from one or more courses in psychology, economics, civics, current social issues, sociology, and/or race and ethnic group relations.
- ◆ One-half unit selected from world history or world geography.

## **KANSAS QUALIFIED ADMISSIONS CURRICULUM 2014-15 and AFTER**

Students graduating from an accredited Kansas high school, **MUST**;

1. Complete the precollege curriculum or Kansas Scholars curriculum with at least a 2.0 GPA
2. Achieve ONE of the following
  - ACT score of 21 or higher; OR SAT score of 980 or higher
  - Graduate in the top one-third of their class
3. Achieve a 2.0 GPA or higher on any college credit taken in high school

NOTE: 1 unit = 1 year

English, 4 years. At least one unit of English or language arts must be taken each year of high school. Students are encouraged to take courses in journalism and speech, but these courses may not be used to fulfill the English requirements.

Mathematics, 3 years. There are two different paths that may be taken to meet the math requirements.

### **Option 1**

3 approved units from the following

- ◆ Algebra I, Geometry, and Algebra II or any course with Algebra II as prerequisite  
AND
- ◆ Students must meet the ACT college readiness Math benchmark

### **Option 2**

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

- ◆ Algebra I, Geometry, Algebra II or 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

Science, 3 years. Students must take three units chosen from the following courses. At least one unit must be in chemistry or physics.

- ◆ Earth Science;
- ◆ Biology;
- ◆ Advanced Biology (Physiology);
- ◆ Chemistry;
- ◆ Physics

Social Studies, 3 years. Students must complete the following:

- ◆ One unit of U.S. history;
- ◆ One-half unit of U.S. government;
- ◆ One unit selected from one or more courses in psychology, economics, civics, current social issues, sociology, and/or race and ethnic group relations.
- ◆ One-half unit selected from world history or world geography.

Electives 3 approved units

### **State Scholars Requirements**

In addition to these requirements, as a Kansas high school graduate, you may be eligible for the Kansas State Scholarship Program. Eligibility requirements for this scholarship include completion of the pre-college curriculum plus an additional three units, as follows:

**Math** –1 additional unit; total of 4 units required

In addition to Algebra I, Geometry, and Algebra II, students are required to complete one unit of advanced mathematics selected from analytic geometry, trigonometry, advanced algebra, functions or calculus.

**Foreign Language** -2 units required.

Students are required to complete two high school units in one foreign language.

**Natural Science**-Students applying for a state-sponsored scholarship must take Biology, Chemistry and Physics.

### **NCAA DIVISION I (16 credits)**

To qualify for NCAA Division I, students must complete the following curriculum.

Division I also has a sliding scale of test score (ACT/SAT) and grade-point average. See the NCAA web site or Mr. Miller for the sliding scale of GPAs and ACT scores.

English - 4 credits

Math - 3 credits

Science - 2 credits

Additional English, math, or science - 1 credit

Social Science - 2 credits

Additional courses - foreign language or any category above - 4 credits

### **NCAA DIVISION II**

**(14 credits for 2010-2012 graduates; 16 credits for the class of 2013 and beyond)**

To qualify for NCAA Division II, students must complete the following curriculum. The minimum grade point average accepted is 2.0. The minimum SAT score requirement is 820 (add critical reading and math together); the minimum ACT sum score is 68 (add the four tests together).

English - 3 credits

Math - 2 credits

Science - 2 credits

Additional English, math, or science - 2 credits

Social Science - 2 credits

Additional courses - foreign language or any category above - 3 credits

## APPROVED CURRICULUM FOR SPECIAL PROGRAMS

	Qualified Admissions	Kansas Scholars Curriculum	NCAA Division I	NCAA Division II
<b>ENGLISH</b>				
English 9	X	X	X	X
English 10	X	X	X	X
English 11	X	X	X	X
English 12	X	X	X	X
Applied English 11				
Applied English 12				
Forensics			X	X
Speech			X	X
<b>MATHEMATICS</b>				
Algebra Concepts				
Geometry Concepts				
Consumer Math				
Algebra I	X	X	X	X
Geometry	X	X	X	X
Algebra II	X	X	X	X
Advanced Math	X	X	X	X
Calculus	X	X	X	X
<b>SCIENCE</b>				
General Science			X	X
Biology	X	X	X	X
Chemistry	X	X	X	X
Chemistry II	X		X	X
Physics		X	X	X
Physiology			X	X
<b>SOCIAL SCIENCE</b>				
Early/Wld. History	X	X	X	X
American History	X	X	X	X
Government	X	X	X	X
Sociology/Psychology	X	X	X	X
Economics	X	X	X	X
Family and Social Issues				
<b>FOREIGN LANGUAGE</b>				
Spanish I		X	X	X
Spanish II		X	X	X
<b>TOTAL CORE or ACADEMIC COURSES</b>	<b>13/16 After 2014</b>	<b>16</b>	<b>16</b>	<b>16</b>



**ACT RECOMMENDED CORE COURSES:**

**ENGLISH (FOUR YEARS OR MORE)**

One year credit each for English 9, 10, 11, and 12

**MATHEMATICS (THREE YEARS OR MORE)**

One year each for Algebra I, Algebra II and Geometry  
Other math courses beyond Algebra II

**SOCIAL STUDIES (THREE YEARS OR MORE)**

One year each for American History, World History and American Government  
One half-year each for Economics, Geography, Psychology, other History, (European, State, etc.)

**NATURAL SCIENCE**

One year each for Physical Science, Biology, Chemistry, Physics

**COLLEGE READINESS BENCHMARKS**

ACT conducted a study in which they found they can predict the success of a typical first-time college student taking courses at a typical college or university. They were able to set benchmarks that indicate the relationship between ACT scores and success for college freshmen. Success is defined as having a 50% chance of earning a B in the following college courses:

<b>COURSE</b>	<b>ACT ASSESSMENT TEST</b>	<b>BENCHMARK FOR SUCCESS</b>
<b>English Composition</b>	English	18
<b>College Algebra</b>	Mathematics	22
<b>Social Science</b>	Reading	21
<b>Biology</b>	Science	24

Once you have taken the ACT, compare your scores to those on the chart to see how you compare to the benchmarks for success. Are you ready for college-level courses?

## Course Offerings 2011-2012

### Agriculture

Intro. to Agriculture  
\*Small Engines/\*Welding  
Horticulture (every other year)  
Ag. Leadership/Ag. Business  
Animal Science  
Ag. Projects  
Independent Study in Agriculture  
Ag. Mechanics I

### Business

Accounting I  
Accounting II  
\*Business Law

### English

English 9  
English 10  
English 11  
Applied English 11  
English 12  
Applied English 12  
\*Reading Improvement

### Fine Arts

Art I  
Art II  
Advanced Art III  
Advanced Art IV  
Journalism-Yearbook  
Journalism-Newspaper  
Instrumental Music  
Vocal Music  
Music Theory  
Music Theory II  
Architectural Drafting  
Advanced Multimedia  
Speech  
Forensics

### Foreign Language

Spanish I  
Spanish II  
Spanish III

### Industrial Education

Mechanical Drafting  
Architectural Drafting  
Engineering Drafting  
Advanced Drafting

### Mathematics

Algebra Concepts  
Geometry Concepts  
Consumer Math  
Algebra I  
Geometry  
Algebra II  
Advanced Math  
Calculus

### Physical Education

PE Health  
Physical Fitness

### Science

General Science  
Biology  
Physiology  
Chemistry I  
Chemistry II  
Physics  
Animal Science  
Horticulture  
Investigations into Tech.

### Social Studies

Modern World History  
Early World History  
American History  
American Government  
Sociology  
Psychology  
Family and Social Issues  
Economics

### Technology

Computer Applications  
Video Technology I  
Video Technology II  
Web Design  
Advanced Multimedia  
Investigations into Tech.  
IHT

### Woods

Cabinet Making II  
Cabinet Making III  
Building Trades I/II

### Options for Seniors

Work Release  
Teachers Aide  
Independent Courses

### Classes that need approval

Journalism  
Tutorial (counselor)  
Independent courses  
Teacher Aide  
IHT  
Building Trades

## **COURSE DESCRIPTION**

### **AGRICULTURE**

#### **Intro to Agriculture**

**Course #AG106  
KCC# 18:001**

**Prerequisite: None**

This is an introductory course that prepares students for other courses in the Agricultural science department. Students will be introduced to the many areas of agricultural industry and FFA. Topics covered will be the livestock industry, record keeping, leadership training, shop safety, operating shop equipment, and tool identification. Students will be required to bring coveralls, safety glasses and welding gloves for shop.

#### **Small Gas Engines**

**Course #AG108  
KCC# 18:410**

**Prerequisite: None**

This is a one-semester course designed for students interested in four-cycle engines normally taken from farm equipment or lawn mowers. Students entering this course should have a small engine available to them for overhauling. The major part of this course is devoted to maintaining, disassembling, repairing, and reassembling a small engine. Classroom instruction will cover functions and parts of the engine systems. There are no prerequisites for the course. The student will be required to have a pair of coveralls for shop.

#### **Ag. Welding**

**Course #AG109  
KCC# 18:404**

**Prerequisite: None**

This is a one semester course designed for students interested in learning basic ag mechanic skills in arc and fusion welding, brazing, oxy-acetylene cutting, carpentry, tool identification, tap and die work, tool conditioning, and soldering. The student will be required to have a pair of coveralls, safety glasses, welding gloves, and pliers for shop. No prerequisite.

#### **Ag. Comm/AgriBusiness**

**Course #AG101  
KCC# 18:201**

This course is designed for students interested in improving their leadership skills and taking a more in-depth look into agribusiness. The emphasis of the first semester will be on leadership units such as parliamentary procedure, public speaking, interviewing, filling out applications, time management, program organization and FFA contest preparation. The second semester will be spent on agriculture management units, such as: record keeping, marketing, economics, Ag law, insurance, budgeting and financial analysis. This class is taught every other year.

#### **Horticulture**

**Course #AG104  
KCC# 18:052**

Students taking this class will invest their time learning in the greenhouse, outdoor lab, and classroom lab activities. The emphasis of this course will be in the areas of plant propagation and growth, fertilizing, soil analysis, lawn care, pest management, floral

design, exploring careers in horticulture, greenhouse management, landscape design, and sales and advertising. This class is taught every other year and is not open to freshmen.

**Animal Science** **Course #AG103**  
**KCC# 18:101**

This course will give students interested in veterinary science, nutrition, meats, livestock production, marketing, and other agricultural related or biological related careers a good background in these areas. Special emphasis will be given to the areas of nutrition, reproduction, health, animal behavior, meats, genetics, marketing, advertising, livestock selection and animal care. Not available to freshmen.

**Agricultural Mechanics I** **Course #AG100** **Prerequisite: Ag./Welding**  
**KCC #18:401**

This course is designed to provide students with an opportunity to develop advanced skills in oxy-acetylene welding and cutting, arc welding, wire welding, aluminum welding, plasma arc cutting, working drawings, electricity, surveying and small project construction. The student will be required to have coveralls, pliers, safety glasses, welding gloves and a tape measure for shop.

**Adv. Ag. Mech.** **Course #AG102** **Prerequisite: Ag Mechanics**  
**KCC# 18:402** **Advisor permission**

This course is designed to provide students with an opportunity to develop advanced skills in engine overhaul, electrical wiring, welding and project construction. The student will spend the entire time in shop receiving hands-on experiences. The students will be required to bring coveralls, pliers, safety glasses, welding gloves and a tape measure for shop.

**Independent Study in Agriculture** **Course #AG111** **Prerequisite:Instructors**  
**KCC #18:997** **Permission**

Prerequisite-Must have taken a minimum of two other agriculture classes previously. Prior approval must be received from the instructor. This course is designed to allow students into an ag class to work on shop related projects, computer projects, agscience projects or other ag related classroom activities. If the student does not maintain a project, he or she will be dismissed from the course.

**BUSINESS**

**Accounting I** **Course #BU100** **Prerequisite: General Mathematics**  
**KCC #12:104**

Open to all Sophomores, Juniors and Seniors. This is a two-semester course in the basic fundamentals of double-entry bookkeeping involved in keeping track of money values in business. Successful completion of the course should enable the student to identify and create financial statements, journalize and post basic business transactions, and demonstrate an informed layman's understanding of data processing. Lectures and demonstrations of procedures will accompany student reading and problem practice in all phases covered. Income tax law and personal finance topics are also studied. The

textbook used is Century 21 Accounting; a workbook and practice sets are used which are purchased by the student. Students will be evaluated on objective and problem tests in conjunction with daily classroom performance and attitude.

**Accounting II                    Course #BU 101                    Prerequisite: Accounting I**  
**KCC #12:108**

This is a two-semester course that will review basic accounting theory and practice and will cover accounting systems for Corporations and Partnerships. The text will be Century 21 Accounting, Advanced; the workbook and two practice sets will be used for practical application of theory. Students will also use a computerized accounting program to reinforce the concepts they have learned. Income tax law and personal finance topics are also studied. The students will be evaluated on skills demonstrated on problem tests, knowledge demonstrated on objective tests, daily work.

**Business Law                    Course #BU 102                    Open to all Seniors and to**  
**KCC #12:054                    Juniors (if room permits)**

This is a one-semester, introductory law course. The learner will become familiar with the importance of the law, specific laws, and explore the applications of law both in business situations and personal transactions. The text used is Law for Business and Personal Use; besides textbook readings, speakers and current case studies are included in instruction. Evaluation is from objective tests over factual materials and applications of the law to cases. Subjective evaluations will be made on daily classroom preparation, participation, and attitude. Some of the topics that are studied include contract law, crimes and torts, consumer law and personal law.

**ENGLISH**

**English 9,10,11,12   Course #LA100-400**  
**KCC #01:001 – 01:004**

Each English class reviews students on basic grammar to advance their grammatical knowledge to the level of competence outlined in the English Curriculum Guide. Students continue the study of grammar principles as the writing assignments become progressively more difficult through each grade level. Five paragraph essay writing and following the Six-Trait Analysis emphasize proving a thesis and supporting a topic sentence with details while using advanced descriptives and powerful action words to enhance vocabulary. The study of literature progresses simultaneously with student writing. To decide student grades, teachers use objective and subjective exams, written assignments, and daily class preparation.

**Applied English 11&12**

Courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but emphasis is on weekly vocabulary and grammar. Class placement is based on students who do not meet

proficiency on the State Assessments. These courses do not meet the KBOR requirements

## **FINE ARTS:**

### **Art I                                    Course #FA300    KCC #05:154**

Art is everywhere, art is for everyone, and everyone can learn to draw and create art. Learning to SEE is the basic component in understanding learning to draw, paint, and sculpt. It is the fundamental concept upon which all art classes are built. Art I is the first step in this visual development. First semester is spent working on specific drawing techniques, and media, plus learning about Drawing on the Right Side of the Brain. Color is explored the third nine weeks, using tempera paint to create color wheels, designs, and impressionistic paintings. During the final stages of the third nine weeks, students begin the study of three-dimensional art with the use of clay. This work extends into the fourth nine weeks. The class wraps up with a drawing and color review, using water color and pastel. The students are graded largely on effort. Areas where effort will be evaluated include: sketch book assignments (done weekly), classroom projects, tests over vocabulary and artists, initiative, cooperation, and individual improvement. This class is a prerequisite for all other art classes, and is a year long class.

### **Art II                                    Course #FA102    KCC #05:155**

Art II is filled with reviewing techniques and then learning to apply these skills to new media. Drawing on the Right Side of the Brain is complemented with Drawing on the Artist Within and defining how the ability to SEE coordinates with the creative process. Media that is emphasized includes: ink, charcoal, linoleum print, and acrylic paint, watercolor combined with drawing media, clay, and scratchboard. The first nine weeks is drawing and printing; second nine weeks is color and painting; and the third nine weeks is clay, including required work on the potter's wheel. The year concludes with scratch board and ink wash. Art II students are also evaluated on sketch book assignments, classroom projects, tests over vocabulary and artists, initiative, cooperation and individual improvement. This is a year long class, but can be taken by semester, following Art I.

### **Advanced Art (III & IV)    Course #FA500    KCC #05:170**

This class moves into larger and more advanced media, with a major emphasis on a variety of artists studied each nine weeks. Creative solutions and inventive problem solving for design projects, oil painting, mixed media, and three dimensional projects consume class time for the advanced art student. The sketch book drawings are even more important for two reasons: 1.) the sketch book becomes an independent avenue in media, subject matter, creativity and size; 2.) The class projects are large, fewer get done, so in order to have work to show, enter into contests, and have for portfolio collections, the student needs to work at home. Students are evaluated on the application of

technique, use of media, and creative growth, plus tests over the artists. Art III & IV are offered for a full year, but can be taken by the semester.

**Intro to Speech            Course #LA102**  
**KCC #22:006**

Speech Intro will present a broad overview of Speech. The class will include brief studies of several areas, introducing the basics of each. Through the presentations, students will gain confidence and poise. Each student will be expected to make oral presentations of different types and do assigned written assignments. The class will be taught with the use of texts, typed handout sheets, lectures, and when possible, films, records, and actual presentations and demonstrations. Each student will be graded on oral presentations, written assignments and written examinations.

**Reading Improvement        Course #RS332**  
**KCC #01:067**

Reading improvement is a semester-long class that is designed to enhance students' reading competencies. The class is divided into the following areas: teacher facilitated instruction of reading strategies, computer-based tutoring which targets comprehension and speed, journaling, independent reading of approved novels, and one book talk per nine weeks.

**Forensics                    Course #FA250**  
**KCC #05:055**

This semester class is designed to give an introduction to all forensic events to new forensic students and continued practice in events to experienced forensic students. Events are divided into three main categories: speaking, interpretation and acting. The student will learn rules on all events and will be required to perform events for class, and to participate in tournaments or festivals. Grade is based on class work and participation, tournament participation, presentations and examinations.

**Journalism III            Course #LA103                    Instructor Permission Required**  
**KCC #11:101**

Yearbook Production. This course, like J III is a production oriented course leading to the publication of the school's yearbook, the BLUEJAY. Student responsibilities begin prior to the school year with preliminary planning with the adviser, the organization and initiation of the advertising sales campaign, the subscription sales campaign prior to the opening of school in the fall, and the distribution of the previous year's book. During the coming two semesters, students will gather information, write and edit copy, write headlines and design graphics using Photoshop, PageMaker and various word processing programs. Members of the yearbook staff will compete in the KSPA Regional Contests at FHSU in February. Registration for the course is obtained only by completing an application form and receiving permission to register from the instructor.

**Journalism III            Course #LA202**  
**KCC #11:101**

Newspaper Production. Students use computer applications of word processing, desktop publishing and graphic design to publish a minimum of 9 editions of the **Nugget**, the official NCHS newspaper, during the year. Staff members sell and service the advertising published in the newspaper, and cover, write, edit and prepare for camera-ready publication each issue of the paper. Grading of student work includes evaluation of individual effort in the position to which the student is assigned and is done following each issue. Members of the newspaper staff will compete in the KSPA Regional Contests at FHSU in February. Registration for the course is obtained only by completing an application form and receiving permission to register from the instructor.

**Instrumental Music Course #FA600**  
**KCC #05:101**

Band is designed as a full year course for freshmen, sophomores, juniors, and seniors. Some exceptions may be allowed for students to enter at semester if they really want to be in band, but must fulfill other course requirements (permission from the band instructor is required). Students should be able to play a band instrument as a prerequisite, but every effort will be made to include any student who is willing to work and learn. The first nine weeks is almost entirely marching band with the rest of the year devoted to concert band, pep band, and ensembles. Marching band and pep band have practices and/or performances that are outside the school day. Attendance at these practices and performances is required as part of the grade for this class. Performance opportunities include marching band, concert band, pep band, jazz ensemble, other ensembles, and solos. Students are expected to take part in solo and/or ensemble work for music festival the third and fourth nine weeks. Music selection is made with student input and is based on the highest possible musical and/or difficulty level attainable by the ensemble. Grading is based heavily on students' participation in class, lesson attendance, and outside performance and rehearsal attendance. Lessons are offered to all band members and are required for the highest possible grade.

**Vocal Music Course #FA107**  
**KCC# 22:999**

The vocal music program deals primarily with the student's knowledge of and ability to sing a wide variety of types and styles of music, whether for large choir, ensemble, or solo voice. This knowledge and skill is acquired as a result of preparation for public performance, through the study of all the elements of music involved, plus continuous training in the proper techniques of good vocal production. Each student will be expected to participate in a small ensemble and the large group festivals. The student will be graded on participation, attitude, and their contribution to the success of the choir.

**Music Theory Course #FA207 Prerequisite: Prior musical training**  
**KCC #22:999 and experience**

This is a musically advanced course that deals primarily with the study of the basic elements of all music including harmony, history, melody, rhythm and style. Some attention is given to ear training, aural dictation and keyboard skills. The student will learn to sight read, write four part music and learn transposition. The student will be



evaluated on his or her class participation, daily assignments, written, oral, and keyboard examinations.

### **Music Theory II**

**Prerequisite: Music Theory I**

Music Theory II utilizes the skills developed in first year Theory and expands on the topics of four-part chorale writing, arranging, harmonic analysis, style periods, and musical form. Aural training, keyboard skills, literature, and compositional techniques will be emphasized to develop well-rounded musicianship.

## **FOREIGN LANGUAGE**

### **Spanish I**

**Course #FL100**

**KCC #06:101**

This is an introduction to Spanish pronunciation and basic communication in Spanish. It includes cultural appreciation of Hispanic people and civilizations. Major emphasis is placed on reading, writing, understanding and speaking Spanish. Projects and activities include skits, Fiestas, study of Hispanic countries and videos.

### **Spanish II**

**Course #FL200**

**KCC #06:102**

**Prerequisite: Spanish I**

Minimum competency must be shown by having passed Spanish I with a letter grade of C or better. This is a continuation of Spanish I with the addition of reading short stories and writing longer compositions. Projects and activities include skits, Fiestas, research of various Hispanic people and foods.

### **Spanish III**

**Course #FL200**

**KCC #06:103**

**Prerequisite: Spanish II (a grade of C or better in Spanish II)**

This course is a continuation of Spanish II with the addition of a closer examination into culture, literature, and grammar. Compositions will be longer and more in depth. Projects and activities will include: Don Quixote, research of influential places and people in Hispanic countries, skits and role-playing.

## **INDUSTRIAL EDUCATION**

### **Mechanical Drafting**

**Course #AT102**

**KCC #21:106**

**Prerequisite: None**

The purpose of the course is to teach the student the basic and essential principles, standards, and techniques used in mechanical drafting. During the course the student will learn how to draw using mathematical calculation and read technical information and apply it to technical drawings. Students will be introduced to different types of drawing and procedures. The text is Walker, Goodheart-Wilcox's Exploring Drafting. The student will be evaluated on drawing plates, written exams, and daily participation, cooperation, discipline and attitude. We will complete drawings using: Multiviews,

Auxiliary Views, Isometric Views, Sectional Views, Perspective, Basic Architecture, CAD and more.

**Architectural Drafting      Course #AT101      Prerequisite: Engineering Drafting  
KCC #21:103**

This course is designed to enlighten the student in the area of architectural design and construction drawing. The course will teach students basic principles, techniques and standards. The student will spend the year producing a semi-complete set of residential plans. The student will work on a CAD system.

**Engineering Drafting      Course #AT104      Prerequisite: Mechanical Drafting  
KCC #21:006**

Engineering Drafting (Drafting II) is a one-year course offering one unit of credit. Students enrolling must have successfully completed Mechanical Drafting. This course offers more in-depth work into the drafting area from Mechanical Drafting. The student will work on Auto CAD systems. The student will have to design and construct devices for given problems during the year.

**Advanced Drafting      Course #AT100      Prerequisite: Mechanical Drafting  
KCC #21:107      and Engineering**

Advanced Drafting is a one-year drafting course offering one unit of credit. Students enrolling must have successfully completed Mechanical Drafting and Engineering Drafting or have the permission of the instructor to enroll. The course offers in depth study in Advanced CAD and exploration in other advanced drafting areas. The class is centered on the needs of the student as he or she prepares for college training.

**MATHEMATICS**

**Algebra Concepts      Course #MA200      Prerequisite: None  
KCC #02:051**

This course fulfills the Algebra graduation requirements as set USD 211 Board of Education and by the Kansas State Department of Education. This course does not meet the requirements as set by the Kansas Board of Regent. The course uses examples of algebra in the world around us. You'll develop your problem solving skills as you learn new math concepts. The *Concepts and Skills* program seeks to meet the needs of all learning levels by providing an accessible approach that helps prepare the student for success in Algebra. Exercises reinforce concepts building a solid foundation in Algebra.

**Geometry Concepts      Course #MA107      Prerequisite: Algebra Concepts  
KCC #02:075**

This course fulfills the Geometry graduation requirements as set USD 211 Board of Education and by the Kansas State Department of Education. This course does not meet the requirements as set by the Kansas Board of Regent. The course uses examples of geometry in the world around us. You'll develop your problem solving skills as you

learn new math concepts. The *Concepts and Skills* program seeks to meet the needs of all learning levels by providing an accessible approach that helps prepare the student for success in Geometry. Exercises reinforce concepts building a solid foundation in Geometry.

**Algebra I**                              **Course #MA250**                              **Prerequisite: None**  
**KCC #02:052**

This course meets the requirements as set by the Kansas Board of Regent. It also fulfills the Algebra graduation requirements as set USD 211 Board of Education and by the Kansas State Department of Education. The course is essentially designed to help students generalize their mathematics knowledge and give them a basis to extend their study of mathematics. Algebra I must be taken by any student who plans to attend a four-year college. It is a prerequisite for chemistry and physics in high school and a must for any student planning a college preparatory course.

**Geometry**                              **Course #MA106**                              **Prerequisite: Algebra I**  
**KCC #02:072**

This course meets the requirements as set by the Kansas Board of Regent. It also fulfills the Geometry graduation requirements as set USD 211 Board of Education and by the Kansas State Department of Education. Geometry involves the study of and application of deductive logic to plane and space figures. Analytic geometry shows the applications of algebra to the study of geometry. This course must be taken by any student planning to take physics and is to be taken before Algebra II.

**Algebra II**                              **Course #MA300**                              **Prerequisite: Algebra I**  
**KCC #02:056**    **and Geometry**

Algebra II is an in-depth extension of the topics of Algebra I plus a study of quadratic relations, exponential functions and logarithms, and an introduction to probability sequences, and matrices. Algebra II should be taken by any student planning to take chemistry and any student planning to go to college.

**Advanced Math**                              **Course #MA103**                              **Prerequisite: Algebra II**  
**KCC #02:105**

This course covers trigonometry, regression, vectors, polar coordinates, combinations, probability, statistics and data analysis. It should be taken by any student who plans to take calculus. Text used: Advanced Mathematical Concepts by Glencoe.

**Calculus**                              **Course #MA104**                              **Prerequisite: Advanced Math or**  
**KCC #02:121**    **concurrent enrollment in**  
    **Advanced Math**

Calculus is a course designed to teach an intuitive understanding of the concepts of calculus and to offer the experience of its methods and application. Any student desiring to major in science, business, engineering, mathematics or related fields will find this course an excellent preparation. Topics covered are those typical of most University Calculus I courses.

**Consumer Math****Course #MA105  
KCC #02:157****Prerequisite: Algebra Concepts  
and Geometry Concepts or  
Algebra I and Geometry**

This course does not meet the Kansas Board of Regents recommended course of study. A review and practice of algebra is essential in this course. Each week is devoted to the study of mathematics applications to daily life. Money and banking, buying and selling, borrowing and lending, insurance, taxes, and automobile ownership are among the topics covered. The classroom is organized in an informal lecture-discussion format. Grades are based on daily work, writing projects, quizzes and test scores.

**PHYSICAL EDUCATION****PE Health****Course #PE300  
KCC #08:052****Prerequisites: None**

Physical Education is a two-semester course offering 1/2 unit of credit per semester. The course is primarily based on various seasonal physical activities. Units involved are such games and activities as badminton, volleyball, softball, golf, tennis, bowling, basketball, soccer, etc. The course is developed around the activity needs of the non-athlete student. It is intended that the student will improve his/her physical abilities in the various activities and student evaluation will be based on individual improvement and participation in these activities, as well as the ability to get along with other students involved. Health will be offered during the third nine weeks and will cover such topics as nutrition, diet, exercise, alcohol, drugs and first aid.

**Physical Fitness****Course #PE400  
KCC #08:005****Prerequisites: None**

Open to grades 10-12. This class is held in the weight room at the East Campus. It deals mainly with weight lifting and is primarily aimed at building strength, increasing speed and improving the agility and flexibility of the student athlete. The class runs all school year.

**SCIENCE****General Science****Course #SC104  
KCC #03:159****Prerequisites: None**

General Science is a course for incoming freshmen. The course is designed to give the student a basic introduction to the chemical and physical sciences. Topic heading outlining the course material is matter and energy. The different forms and types of energy are discussed in detail. Laboratory investigation is used to further student's knowledge and concepts associated with energy. Main topics in the course are: particles of matter, interactions of matter, forces and motion, heat and thermal energy, electrical energy, sound and sound waves, and light behavior.

**Biology****Course #SC101****Prerequisites: None**

### **KCC #03: 051**

Students will learn about living organisms and gain a better understanding of themselves as living organisms. Course material includes biology vocabulary, microbiology, physiology and ecology. Students will be evaluated based on lab, homework and test grades. This is a required course for sophomores and should provide a basic background in biology for everyone as well as prepare students for advanced work if they choose to pursue a career related to biology.

**Physiology (Advanced Biology)      Course #SC107      Prerequisites: Biology**  
**KCC #03:053**

Physiology is an advanced course designed for students who are planning to attend college. Students will learn a basic vocabulary of the human body. Both structure and function of the human body will be examined. Functions (physiology) of organ systems will receive the most focus. Labs and small assignments will be evaluated, but test scores based on lecture and group discussion will be the primary factor in grade determination.

**Chemistry I      Course #SC102      Prerequisite: Algebra I**  
**KCC # 03:101      Geometry would be helpful**

The purpose of the course is to give the student a basic understanding of chemistry. The student will learn the fundamental principles of chemistry including some qualitative analysis. Methods of instruction include, lecture, class discussion, and labs. The title of the textbook used is Modern Chemistry. The student will be graded on labs, homework, and class examinations.

**Chemistry I      Course #SC103      Prerequisite: Chemistry I**  
**KCC # 03:102      Algebra II or permission**

The course is a continuation of Chemistry I and is designed for students planning a career in chemistry, biology, engineering, health care, and medicine. The purpose of the course is to give students an in-depth look at some topics covered lightly in Chemistry I and a study of Organic Chemistry. The student will be graded on labs, homework, and class examination.

**Physics      Course #SC105      Prerequisites: Algebra II or**  
**KCC #03: 151      permission of instructor**

The purpose of the course is to give the student an introduction to physics. The student will learn about the metric system, force and motion, heat energy wave motion, light, and possibly electricity. Methods of instruction will include class discussion and labs. The student will be graded on labs, homework, and class examinations.

### **SOCIAL ISSUES**

**Family and Social Issues      Course #SS102      Open to juniors, and seniors**  
**KCC #22:208**

This course counts as social studies elective. This course enables the student to examine the roles they will assume as adults, how they can function in these roles, and some of the

skills needed to fulfill future roles. Areas to be covered include: Family Relations, Parenting, Home Management, Consumer Education, Housing, Nutrition, and Careers.

**SOCIAL STUDIES**

**Sociology**                                      **Course #SS112**                                      **Open to all seniors and juniors (based upon space limitations)**  
**KCC #04:101**

This one semester course introduces the student to the field of study involving the growth of the human society, together with an examination of the development of cultures. Identifying social phenomena occurring in the surrounding societies and interpreting the effect of social events in the world are outcomes of this course.

**Psychology**                                      **Course #SS107**                                      **Open to all seniors and juniors (based upon space limitations)**  
**KCC #04:254**

This one semester course introduces the student to the field of study of human behavior, growth and intellectual development. Understanding the human personality, the mind and thought process, the basics needed for positive mental health, and the problems arising from mental illness are the outcomes of this course.

**American History**                                      **Course #SS103**                                      **Prerequisite: None**  
**KCC #04:101**

American History is a two-semester course needed for graduation and is required for all juniors. The class is a general survey course of American History covering the period from the end of the Civil War to the end of the Cold War. It is intended to expose the student to the various factors which have shaped the unique American Perspective on world events, instill a sense of tradition and heritage, identify the repeatability of history, and to help the student understand why attitudes and policies evolve with the changing role of the United States in world affairs. Instruction is based on lecture/discussion, simulations, group and individual projects, and map activities. Students are evaluated on tests, projects and participation.

**American Government**                                      **Course #SS106**                                      **Open to Seniors only**  
**KCC #04:151**

The course is intended to familiarize the student with the basic fundamentals and principles upon which our government is based. Special emphasis will be placed upon the evolution and change of our government since its founding, and both the domestic and foreign political environments which have dictated changes. It is intended that the student will acquire a general understanding of those fundamentals and principles of the American form of government and how they have been adapted to meet the changes of time over two centuries. The class will be taught basically by lecture method and the class will be required to take notes over those lectures. Class discussions are also very much a part of the classroom approach, and the students are expected to contribute to these discussion. Research papers are sometimes used as a means of investigating governmental problems and specializing in certain areas of governmental activity.

Student evaluation will be based upon written examination, daily pop quizzes over previous day's material, and evaluation of written assignments.

**Economics**

**Course #SS100  
KCC #04:201**

**Open to all seniors and  
juniors (based upon  
space limitations)**

This is a one-semester course that is an introduction to Microeconomic and Macroeconomic concepts. This course deals with the production, distribution, and consumption of goods and services in an economic system. Students are introduced to the study of economics and to fundamental concepts such as scarcity and choice, tradeoffs and opportunity cost, productivity, money and exchange, interdependence, and markets. The text used is Economics Today and Tomorrow by Glencoe/McGraw-Hill. Evaluation includes objective tests, case studies, and the Stock Market Game.

**Course #SS101**

**Early World History**

**KCC #04:063**

This is an elective one-semester survey course covering Western Civilization from earliest civilizations to the 15<sup>th</sup> Century. It is intended to expose the student to the rich cultural traditions of western civilization, provide a comparison of world philosophies, recognize the stages in the evolution of western civilization, and to identify the relationship between history and current events. Instruction is based on lecture/discussion, simulations, group and individual projects, and maps activities. Students are evaluated on participation simulations, research, and tests.

**Course #SS105**

**Modern World History**

**KCC #04:053**

This is an elective one-semester survey course covering Western Civilization from the 15<sup>th</sup> Century to the beginning of World War II. It is intended to help the student to evaluate the role of nationalism in the evolution of regional conflicts, identify the stages in the transition from monarchy to republic, analyze the positive and negative aspects of Imperialism, understand the relationship between the Industrial Revolution and Socialism, and to evaluate the economic and cultural differences which produced the conflicts of the 20<sup>th</sup> century. Instruction is based on lecture/discussion, simulations, group and individual projects, and maps activities. Students are evaluated on participation simulations, research, and tests.

**TECHNOLOGY**

**Advanced Multimedia**

**Course #TE500  
KCC #10:203**

A one-year course that meets state computer proficiency requirements for Kansas Regents recommended curriculum. This course will provide students with a multimedia experience which will focus on creative expression. Students will use a variety of creative computer applications to create a digital video, digital photography and web page designs. In addition, areas such as scanning, digital photo enhancement, video conversion, 3-D animation and interactive multimedia project designs will be emphasized. Second semester students will continue their exploration of multimedia

applications. Students will use a variety of creative computer applications to create digital images, digital video and audio, 3-D animation and interactive multimedia. This class will conclude with the creation of an extensive digital portfolio. This course will meet Kansas Regents Recommended curriculum.

**Computer Applications      Course #TE300  
KCC #10:004**

A one-year course designed to meet state computer proficiency requirements for Kansas Regents recommended curriculum. Various computer activities such as word processing, spreadsheet, database, desktop publishing, Internet activities and e-mail will be taught.

**Advanced Computer      Course #TE400      Prerequisite: Computer  
Applications      KCC #10:005      Applications**

A one or two semester course designed for students to learn the advanced features of the Microsoft Office software suite. Office tools will be taught through a unique set of task-oriented exercises and project-based applications built around a business theme. Various computer activities such as word processing, spreadsheet, database, desktop publishing, presentation graphics, and Internet activities will be used in the creation of all forms of business application documents. This course will meet Kansas Regents Recommended curriculum.

**Video Technology I      Course #TE109  
KCC #11:055**

Video is one of the most important communication tools of our time. This modern journalism course will provide students with a greater understanding of how mass communication functions as they develop news reporting, script writing, public speaking, project and workflow management, and video editing skills to take into the real world. This course will also examine the history of video today and future trends. Class projects will include both news-oriented material and creative assignments. This course will meet Kansas Regents Recommended curriculum.

**Video Technology II      Course #TE110      Prerequisite: Video Technology I  
KCC #11:051      and Instructor Permission**

Video Technology II is a course for students interested in television broadcasting. Class members create newscasts that air throughout the high school. Students will have the opportunity to learn camera techniques, audio, teleprompting, graphics, editing, lighting, interviewing, reporting, script writing, anchoring, producing and directing.

**Fundamentals of Web Design      Course #TE111      Prerequisite: None  
KCC #10:201**

Fundamentals of Web Design will focus on the overall production processes surrounding web site design with particular emphasis on design elements involving layout, navigation and interactivity. Students will learn Web Design in preparation for higher education or jobs in the Internet Economy. Hands-on Web Design exercises will be taught using



Adobe® Photoshop®, Adobe Illustrator®, Adobe GoLive®, Adobe LiveMotion™, and Adobe Premiere®.

**Investigations Into Technology      Course #TE108      Prerequisite: None**  
**KCC #21:052**

This class is a follow-up to the eighth grade "Explorations of Technology" course. The course is a semester elective course designed for 9th through 12th grade students. Types of modular instruction include: Digital Music, Mechanisms, Flight Trainer, Multimedia, 3D Modeling, Audio & Video Broadcasting, Residential Plumbing, Residential Wiring, Building construction, Virtual Reality, Computer Repair and Health and Fitness. The class allows the student to use high tech equipment in a self directed and structured environment that will support academic areas that the student may choose for future study. The class is another tool to complete your technological background to better prepare you for the future.

**WOODS**

**Cabinet Making II      Course #MS111**  
**KCC #38:007**

An introduction and study of the basic materials, hand tools and processes of wood related areas. Emphasis is placed upon organization, manipulative skill and safety in the woodworking shop. Students must pass a safety exam and provide their own safety glasses before use of power machinery is granted.

**Cabinet Making III      Course #MS100      Prerequisite: Cabinet Making II**  
**KCC #17:006**

Advanced work in the areas of wood materials, tools, and processes. Individual and specialized problems in design, materials, and fabrication as related to the total industrial program. Students must provide their own safety glasses to wear during the class.

**Building Trades I      Course #MS500      Instructor Permission**  
**KCC #17:002**

Carpentry courses provide information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods and to learn skills such as laying sills and joists; erecting sills and rafters; applying sheathing, siding, and shingles; setting door jambs; and hanging doors. Carpentry courses may teach skills for rough construction, finish work, or both. Students learn to read blueprints, draft, use tools and machines properly and safely, erect buildings from construction lumber, perform finish work inside of buildings, and do limited cabinet work. Carpentry courses may also include career exploration, good work habits, and employability skills.

**Building Trades II      Course #550      Instructor Permission**  
**KCC #38:002**

An advanced comprehensive course designed to instruct students in skills pertaining to rough construction and finish work.