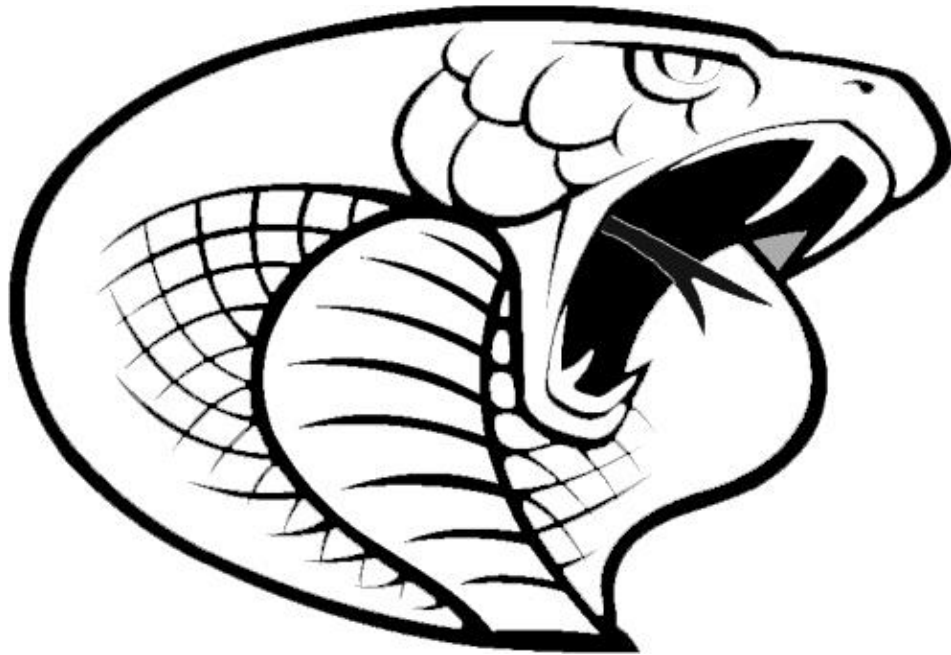


Jackson Heights High School



Course Offerings and Descriptions 2019-2020

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Graduation Requirements

	High School	Qualified Admission	Kan. Scholar#
English	4 Credits	4 Credits	4 Credits
Science	3 Credits	3 Credits*	3 Credits**
Social Studies	3 Credits***	3 Credits	3 Credits
Math	3 Credits	3 Credits	4 Credits****
Fine Arts	1 Credit		
Financial Literacy	1 Credit		
PE / Weightlifting	1 Credit		
Wellness	1 Credit		
Technology			
Foreign Language			2 Credits
Ag Classes			
Electives			
TOTAL	27 Credits*****		

#Completion of the Kansas Scholar Curriculum is **required** for Valedictorian or Salutatorian.

*One credit **MUST** be chemistry OR physics

****MUST** include biology, chemistry, AND physics; four units is recommended

*** **MUST** include at least .5 credits of government

**** **MUST** include functions and statistics, college algebra, or calculus

***** Other than required classes, the additional ten credits needed to graduate can be taken in any area, including electives.

Qualified Admission

Kansas Qualified Admissions Quick Facts High School Graduates Beginning Academic Year 2014-2015 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 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. (For complete details see the chart at right.)

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: <ul style="list-style-type: none"> <li style="width: 50%;">• Biology <li style="width: 50%;">• Chemistry <li style="width: 50%;">• Advanced Biology (2nd Year Biology) <li style="width: 50%;">• Physics <li style="width: 50%;">• Earth/Space Science <li style="width: 50%;">• Principles of Technology <li style="width: 50%;">• Physical Science 	
Math	3 approved units from the following: <ul style="list-style-type: none"> • Algebra I • Geometry • Algebra II • Any course with Algebra II as a prerequisite AND students must meet the ACT college readiness math benchmark	OR <ul style="list-style-type: none"> • 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
<i>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.</i>		
Social Science	3 approved units Students must complete the following: <ul style="list-style-type: none"> • One unit of U.S. History • Minimum of one-half unit of U.S. Government Minimum of one-half unit from the following: <ul style="list-style-type: none"> • World History • World Geography • International Relations 	Approved courses from the following may be used to complete the requirement: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • English • Math • Natural Science • Social Science • Fine Arts • Computer/Information Systems • Foreign Languages • Personal Finance • Speech, Debate, Forensics • Journalism • Career and Technical Education	

- The qualified admissions or Kansas Scholars curriculum is required for students applying to state universities beginning with the summer 2015 semester.
- Students have two options to complete the QA math requirement:
 - complete three units of approved qualified admissions math and meet the ACT college readiness math benchmark score of 22, or
 - complete four units of approved qualified admissions math, and one of those units must be taken in the graduating year.

Kansas Scholar Curriculum

Kansas Scholars Curriculum & State Scholar Quick Facts



What is the Kansas Scholars Curriculum?

The Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation during the Senior year. This curriculum is NOT the same as the Qualified Admissions Curriculum.

What are the other requirements to become a State Scholar?

- Students must have taken the ACT between April of the sophomore year and December of the senior year.
- Students must be a Kansas resident.
- Students must have their curriculum and 7th semester GPA certified on the official roster by the high school counselor, registrar, or similar official.

What is the benefit of completing the Kansas Scholars Curriculum?

Students that complete the curriculum, and meet the other requirements, may be designated as State Scholars, which makes them eligible to receive State Financial Aid as provided by the Kansas Legislature.

The academic profile of scholars included an average ACT of 30 and an average GPA of 3.90.

State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program) based on financial need and the availability of State funds.

How is financial need determined?

Financial need is measured by the Federal Methodology using data submitted on the FAFSA.

Kansas Scholars Curriculum

English	Same as the Qualified Admissions Curriculum.
Natural Science	<p>3 approved units including:</p> <ul style="list-style-type: none"> • Biology • Chemistry • Physics <p><i>A fourth year of science is recommended.</i></p> <p>4 approved units.</p> <p>Students must complete the following:</p> <ul style="list-style-type: none"> • Algebra I* • Algebra II • Geometry
Math	<p>In addition, students must complete at least one of the following:</p> <ul style="list-style-type: none"> • Analytic Geometry • Trigonometry • Advanced Algebra • Probability & Statistics • Functions • Calculus <p><i>*Algebra taken in the 8th Grade is accepted.</i></p>
Social Science	Same as the Qualified Admissions Curriculum.
Foreign Language	2 approved units of one foreign language.

For more information about the Kansas Scholars Curriculum or State Scholar designation, contact the Kansas Board of Regents at (785) 296-3421 or visit the Board's website at www.kansasregents.org.

Career Pathways

Jackson Heights offers state-approved “Career Pathways” for students interested in taking the classes necessary to pursue certain fields. In order to be a “Pathway Concentrator,” a student must pass three high school credits in the pathway, including at least one each of technical and application level. It is not required that a student take an introductory level course in order to be a concentrator.

Marketing Pathway

Introductory Level

Business Essentials

Technical Level

Graphic Design
 Computer Graphics
 Marketing
 Business Economics
 Web Design
 Business Law
 Accounting
 Entrepreneurship

Application Level

Marketing Management

Certification

ACT WorkKeys Test

Business Entrepreneurship and Management

Introductory Level

Business Essentials

Technical Level

Business Economics
 Cabinet Making & Furniture Design
 Accounting
 Marketing
 Business Law
 Web Design

Application Level

Applied Business Development

Certification

ACT WorkKeys Test

Power, Structural, & Technical Systems

Introductory Level

Exploratory Agriculture

Technical Level

Agri Science
Ag Mechanics
Accounting

Application Level

Advanced Ag Mechanics

Certification

ACT WorkKeys Test

Agriculture Science Pathway

Introductory Level

Exploratory Agriculture

Technical Level

Agri Science
Animal Science
Horticulture

Application Level

Ag Leadership & Communications

Certification

ACT WorkKeys Test

Plant Systems Pathway

Introductory Level

Exploratory Agriculture

Technical Level

Agriscience
Horticulture

Application Level

Applications in Horticulture
Ag Leadership & Communications

Certification

ACT Work Keys Test

AgriBusiness Systems

Introductory Level

Exploratory Agriculture

Technical Level

Agriscience
AgriBusiness

Application Level

Applications in Agribusiness
Ag Leadership & Communications

Certification

ACT Work Keys Test

Animal Science

Introductory Level

Exploratory Agriculture

Technical Level

AgriScience
Animal Science

Application Level

Animal Health / Vet Tech

Certification

ACT WorkKeys Test

Family, Community, and Consumer Services

Introductory Level

Career & Life Planning

Technical Level

Human Growth and Development
Family Studies
Consumer & Personal Finance
Nutrition and Wellness
Culinary Essentials

Application Level

Community Connections / Career Connections

Certification

ACT WorkKeys Test

NCAA Eligibility Requirements

The NCAA Eligibility Center verifies the academic and amateur status of all student-athletes who wish to compete in Division I or II athletics.

College-bound student-athletes who want to practice, compete and receive athletically related financial aid during their first year at a Division I or II school need to meet the following requirements:

- Graduate from high school.
- Complete a minimum of 16 core courses for Division I or II.
- Earn a minimum required grade-point average in core courses.
- Earn a qualifying test score on either the ACT or SAT.
- Request final amateurism certification from the NCAA Eligibility Center.

For Division I student-athletes who will enroll in August 1, 2016 and later, the requirements to compete in the first year will change. In addition to the above standards, students must:

- Earn at least a 2.3 grade-point average in core courses.
- Meet an increased sliding-scale standard (for example, an SAT score of 820 requires a 2.5 high school core course GPA)
- Successfully complete 10 of the 16 total required core courses before the start of their seventh semester in high school. Seven of the 10 courses must be successfully completed in English, math and science.

Students that earn at least a 2.0 GPA but not a 2.3 GPA and meet the current sliding scale standard (for example, an SAT score of 1,010 requires a 2.025 high school core course GPA) will be eligible for practice in the first term and athletically related financial aid the entire year, but not competition.

Freshmen who are academically successful in the first term will earn the ability to continue to practice for the remainder of the year.

Division III colleges and universities set their own admission standards. The NCAA does not set initial eligibility requirements in Division III.

NCAA-Approved Core Classes

English	Math	Science	Social Studies
English I	Algebra I	Physical Science	World History
English II	Geometry	Biology	Modern U.S. History
English III	Algebra II	Chemistry	American Gov.
English IV	Functions and Stats	A & P	Social Studies
College Eng. 101	College Algebra	Physics	Psychology
College Eng. 102	Trig		
	Calculus		

NAIA Eligibility Requirements

In order to qualify to compete athletically at an NAIA school, the student must graduate high school. In addition **two** of the following requirements must be filled:

1. Minimum of 18 on the ACT or 860 on the SAT
2. Overall high school GPA of at least 2.0
3. Graduate in the top half of your high school class

In addition, you must register with the NAIA eligibility center and send them a copy of your transcript and ACT or SAT results. This can be done through the counselor's office.

Early Decisions for High School Seniors

Students who have completed their junior year of high school with an overall 3.00 GPA on a 4.00 scale OR students who have completed the first half of senior year with an overall 2.5 GPA on a 4.00 scale, plus the minimum test scores required (18 ACT or 860 SAT), may receive an eligibility decision prior to high school graduation. To receive an early decision, register with the NAIA Eligibility Center, have your high school send official transcripts to the Eligibility Center and contact ACT or SAT to have their test scores sent directly (the NAIA code is 9876 with ACT and SAT).

Washburn Tech

Washburn Tech in Topeka is a technical college and career institution affiliated with Washburn University. All students at Washburn Tech are also Washburn University students and entitled to any privileges or rights as a traditional student – including use of health clinic, recreational facilities, and even student housing in some cases.

At this time, tuition for all programs is free to anyone who has not yet graduated from high school, although student/parents are responsible for paying any course fees, books and supplies, and any other non-tuition items. Transportation is provided each morning from Holton High School, although students and parents may also sign a waiver acknowledging and taking responsibility for their own transportation to and from Topeka.

Entrance Requirements

Programs are open to students at Jackson Heights who are in their junior or senior year and on track to graduate with a regular high school diploma.

All Washburn Tech programs have specific entrance requirements, which are updated frequently and can be found on the Washburn Tech website. Washburn Tech typically will come to Jackson Heights each fall to test any students interested in taking a program the following year. The AccuPlacer is the official test of Washburn Tech, although they will accept ACT scores if provided independently. If a student misses the test when it is provided at Jackson Heights, they must contact Washburn Tech to take the test in Topeka on their own.

Programs of Study

Washburn Tech has programs lasting from one semester to two full years in a variety of areas including advanced manufacturing, business, computer networking and repair, construction, drafting and design, healthcare, hospitality and human services, and transportation.

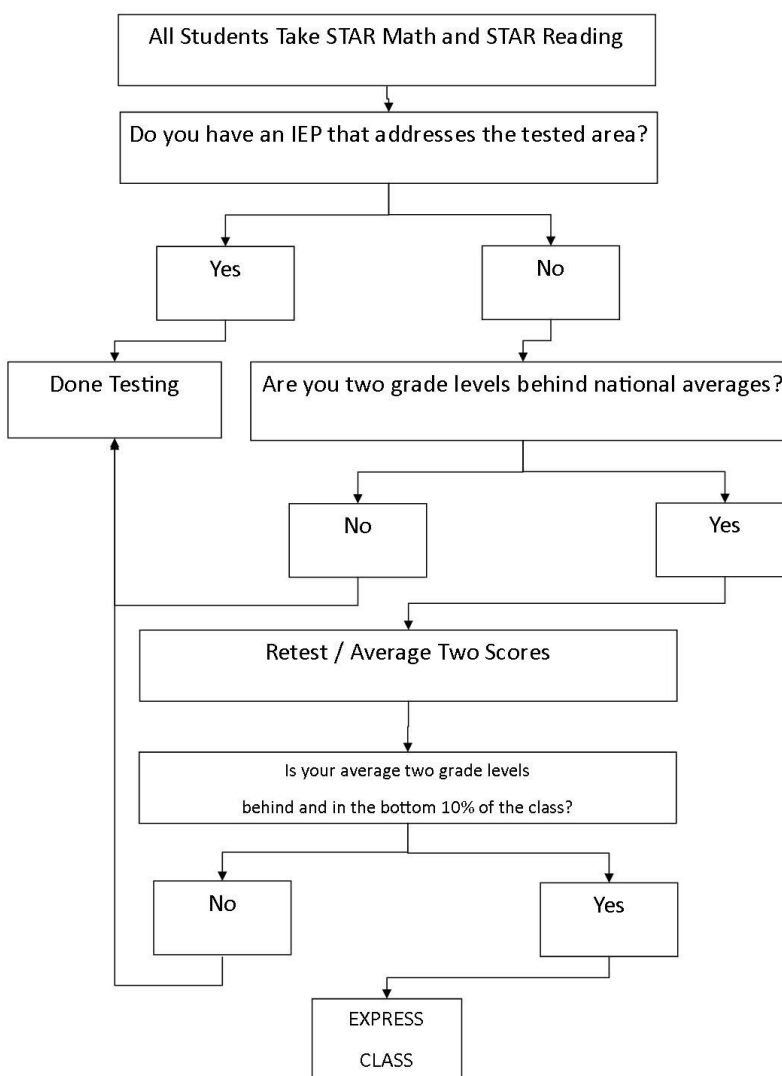
High School Credit

All Washburn Tech students will receive 2.5 elective credit hours towards high school graduation each semester on a P/F basis. Grades at Washburn Tech do not count towards GPA or class ranking. In some programs, the student may choose to have some of their 2.5 credit hours applied to math, English, or science according to the most recent Washburn Tech recommendations. Credit applied in these areas qualifies for high school graduation but not necessarily qualified admission, Kansas scholar, or other external programs and awards.

MTSS Express Classes

The Kansas Department of Education mandates all schools to implement a Multi-Tiered System of Support to help students who do not qualify for special ed intervention but still struggle in reading and math. USD 335 believes strongly in the importance of students having grade-level ability in both areas and requires any student without an IEP who is more than two grade levels behind national averages AND in the bottom 10% of his or her class to take either Reading or Math Express. Students may also be placed in the classes with teacher, administrator, and/or parent agreement, or as the result of a Student Improvement Team plan.

Flow Chart



SCHEDULING PROCESS

The scheduling process is the shared responsibility of students, parents, teachers and counselors. All contribute ideas and information that can help develop an effective student plan. Involvement of parents provides students with support, encouragement, and knowledge that is needed for this important step in educational planning. Teachers are generally the best resource for helping students decide if they have the skill level necessary for success and to give in-depth course descriptions. The counselor helps students and parents develop the best overall plan to meet their educational goals. Students have the responsibility to choose challenging classes to provide the skills necessary for their future and to make sure that they are taking the necessary courses to meet graduation requirements. It is very important that students are aware of Qualified Admissions and the Kansas Scholars Curriculum, and guidelines for participation in college athletics and take the necessary courses if these programs is applicable to their goals.

All students grade 8-12 will meet at the end of each school year to create or revise their Individual Plan of Study. This document will follow the student through their time at Jackson Heights High School and allow students and parents to plan a course of study that matches the interests and future career goals of each student.

This booklet contains a brief description of classes organized according to curriculum areas. Requirements for graduation from Jackson Heights High School and recommendations for college-bound students and technical preparation are included.

It is important that students think carefully about class choices when filling out their course requests. No changes will be made without a completed change of class form. These forms will be available during the first week of school in August. Changes may be limited due to class size, equipment availability, course prerequisites and student graduation requirements. Class changes are limited to the dates designated. There is a three day grace period at the beginning of the year. In addition, there is a three day grace period at the beginning of the second semester. Outside of these dates, the only changes of class will be requested by the teacher and will be based on incorrect class placement based on ability level.

English

Courses Offered

- English I
- English II
- English III
- HCC American Lit 1 and 2
- English IV
- HCC College English 1 and 2

Course Descriptions

English I

Course Number – 1000

State Course Number – 01001

Grade Level(s) – 9

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

English I is a full year course in language arts required of all freshmen. The course content includes grammar, mechanics, writing, novels, informational texts, and poetry. The goal of this course is to introduce and equip all students with the skills, strategies, and knowledge needed in high school English classes.

English II

Course Number – 1001

State Course Number – 01002

Grade Level(s) – 10

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – English I

Fees/Tuition – None

English II is a full year course in language arts required of all sophomores. The course content includes grammar, mechanics, writing, research skills, fictional stories, speech writing and public speaking, novels, and poetry.

English III

Course Number – 1009
State Course Number – 01003
Grade Level(s) – 11
Course Length – Year
Credit Hours – ½ Credit Per Semester
Prerequisites – English I, English II
Fees/Tuition – None

English III is a full year course in language arts required of all juniors. It focuses on American Literature. The course content includes grammar, mechanics, writing, research skills, fictional stories, speech writing and public speaking, novels, and poetry.

HCC American Literature I and II

Course Number – 2021
State Course Number – 01054
Grade Level(s) – 11
Course Length – Year
Credit Hours – ½ Credit Per Semester
Prerequisites – English I, 80% average grade in English II
Fees/Tuition – None

The purpose of this course is to provide a survey study of significant writers, works, and developments in American literature from around 1620 to 1885.

English IV

Course Number – 1010
State Course Number – 01004
Grade Level(s) – 12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Prerequisites – English I, English II, English III
Fees/Tuition – None

English IV is a full year course in language arts required of all seniors. It focuses on British Literature. The course content includes grammar, mechanics, writing, research skills, fictional stories, speech writing and public speaking, novels, and poetry. The goal of this course is to equip all students with the skills, strategies, and knowledge necessary for them to be successful in college or the work force.

HCC College English 101 and 102

Course Number – 1013 and 1014

State Course Number – 01102

Grade Level(s) – 12

Course Length – Semester

High School Credit Hours – ½

College Credit Hours – 3

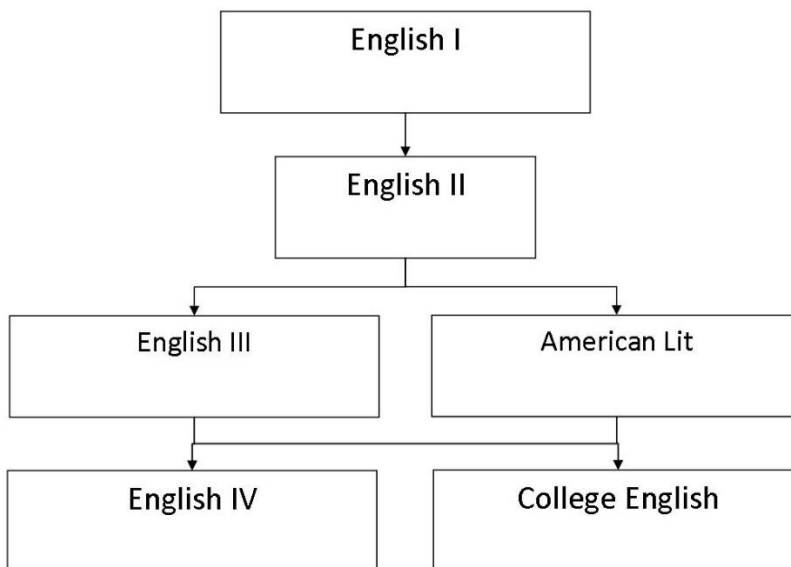
Prerequisites – English I, English II, 80 % average in English III OR American Lit

Fees/Tuition – HCC Rates

This HCC course provides instruction and practice in the principles of written composition. The major emphasis is on improving the ability to organize and express thoughts clearly and effectively. Individuals can be expected to write coherent essays that make and support a main point. A reading text is used for criticism and discussion. This course and a second semester course will be offered in place of English IV.

Flowchart

English Course Pathway



Science

Courses Offered

- Physical Science
- Biology
- Anatomy and Physiology
- Chemistry
- Physics
- Wildlife

Course Descriptions

Physical Science

Course Number – 1212

State Course Number – 03159

Grade Level(s) 9

Course Length – Semester

Credit Hours – ½ Credit

Prerequisites – None

Fees/Tuition – None

This course will study the various aspects of physical science including astronomy. Other topics will include: motion, work, machines, fluids, energy and the atom. Weekly labs will provide the students opportunities for inquiry and problem solving.

Biology

Course Number – 1202

State Course Number – 03051

Grade Level(s) 10-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Physical Science

Fees/Tuition – None

Biology is a course that will provide the student opportunities to study all aspects of life in the world of science. Topics covered will include the rivers unit, diversity and continuity of life, and the animal kingdom. Although elements of the topic are mentioned, a more in-depth look at the human body is reserved for Anatomy and Physiology.

Chemistry

Course Number – 1204

State Course Number – 03101

Grade Level(s) 11-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Physical Science and Algebra II

Fees/Tuition – None

Chemistry will involve topics that include: matter, change and energy, atomic structure, chemical quantities and reactions, acids and bases, gases, atoms, as well as water and the aqueous systems. Careers in chemistry will also be covered. Students will have a working knowledge of scientific measurement, chemical names and formulas and reaction rates and equilibrium.

Anatomy and Physiology

Course Number – 1203

State Course Number – 03053

Grade Level(s) 11- 12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Physical Science, Biology

Fees/Tuition – None

A&P will provide students the opportunities to study the various human systems (skeletal, muscular, nervous, somatic and special senses, endocrine, cardiovascular, and lymphatic), basis of human life, cells, cellular metabolism, and careers in the medical field.

Physics

Course Number – 1206

State Course Number – 03151

Grade Level(s) 12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Physical Science, Algebra II or College Algebra

Fees/Tuition – None

Physics will introduce the student to the fundamental principles and methods of physics, including mechanics, work, power, kinetic and potential energy, light, heat, sound, electricity, magnetism, and nuclear energy.

Wildlife Management

Course Number – 1207

State Course Number – 03063

Grade Level(s) 11-12

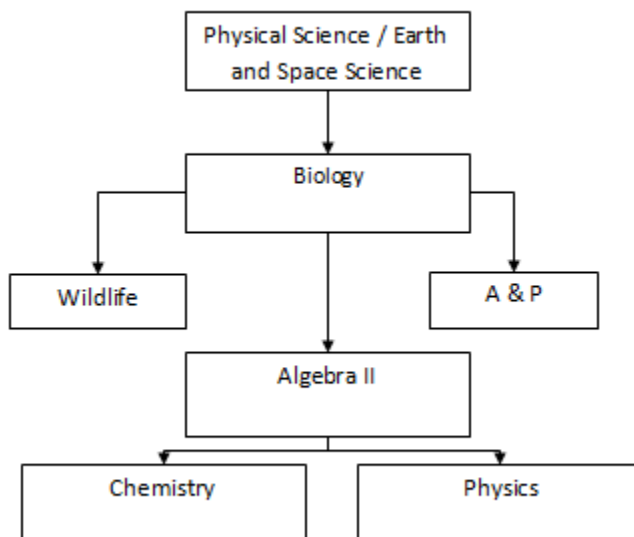
Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Physical Science, Biology

Fees/Tuition – None

Wildlife Management will provide students the opportunity to study various aspects of wildlife including: research, studying wildlife populations, environmental management, working with wildlife, and various administration and policy issues dealing with governance of wildlife. This course requires passing both physical science and biology.

Flow Chart

Social Studies

Courses Offered

- World History
- World History PBL
- U.S. History
- American Government
- HCC American Government
- Psychology

World History

Course Number – 1316

State Course Number – 04051

Grade Level(s) – 10

Course Length – Year

Credit Hours – ½ Credit per Semester

Prerequisites – None

Fees/Tuition – None

The World History course covers the time period from around 1300 C.E. through the fall of the Soviet Union in the early 1990s. The course will cover intellectual trends, revolutionary movements, social interactions, political ideologies, economic theories, and geographical impacts. Students will focus on critical events, people, and turning points during these centuries including the Renaissance, imperialism, and twentieth-century issues. The course should be rigorous and relevant with instruction that integrates thinking skills, historical processes, and content so that students are able to apply their learning to their own lives. Instruction should include the integration of concepts and principles from history, economics, geography, civics, and the humanities. This course also integrates World Geography throughout the year.

World History PBL

Course Number –

State Course Number – 04051

Grade Level(s) – 10

Course Length – Year

Credit Hours – ½ Credit per Semester

Prerequisites – Approved Application Process

Fees/Tuition – None

The PBL World History course covers the time period from around 1300 C.E. through the fall of the Soviet Union in the early 1990s. Learning will be based on the Project Based Learning (PBL) model. Students will use World History topics and standards on extended projects with a goal of answering complex real-life questions. As a result, students develop deep content knowledge as well as critical thinking, creativity, and communication skills in the context of doing an authentic, meaningful project. Student grades will be based on project development, research, product creation, presentations, and daily work. Project ideas, development, integration, and presentation will largely depend on student involvement, investment and

initiative. Students wishing to enroll in the course will have an application and interview process to be completed prior to acceptance into the course. The application process will be looking for students willing and able to commit to the PBL model.

U.S. History

Course Number – 1319

State Course Number – 04103

Grade Level(s) – 11

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – World History

Fees/ Tuition – None

This course examines the broad patterns of American domestic and foreign policy since 1890; including imperialism, progressivism, normalcy, the New Deal and its extensions, and the development of the United States as a world power. The course will also survey the issues, facts, strategies, outcomes, and the impact each war had on the United States and the world during the 20th century. The course will also examine 20th Century American presidents and their administrations.

American Government

Course Number – 1301

State Course Number – 04151

Grade Level(s) – 12

Course Length – Year

Credit Hours – 1 credit

Prerequisites – World History, U.S. History

Fees/Tuition – None

This is a semester course designed to cover the Assessed Social Studies Standards provided by the Kansas State Department of Education. American History, Kansas History, Geography, and American Government assessed standards will also be covered.

American Government HCC

Course Number – 1311

State Course Number – 04151

Grade Level(s) – 12

Course Length – Semester

Credit Hours – .5 credit HS, 3 Credits HCC

Prerequisites – World History, U.S. History

Fees/Tuition – HCC Tuition

This is a semester course designed to cover the Assessed Social Studies Standards provided by the Kansas State Department of Education. American History, Kansas History, Geography, and American Government assessed standards will also be covered.

Psychology

Course Number – 1305

State Course Number – 04254

Grade Level(s) – 12

Course Length – Year

Credit/Credit Hours – ½ Credit Per Semester

Prerequisites – World History, US History

Fees/Tuition – None

This is a semester course designed to cover the Psychology Standards provided by the Kansas State Department of Education. This course covers basic concepts in psychology beginning with the scientific method and the history of the discipline. Topics covered in the first semester include human growth and development, learning and the cognitive processes, and sensation and perception. During the second semester, the focus is on personality and stress and health. The semester ends with a unit on abnormal behavior, treatments, and therapy. Class time is divided between lecture, films, discussions, experiments, and demonstrations. During the first semester, students take unit tests, write a research paper about a current trend in psychology, and construct a personal timeline. Second semester, students take unit tests, read a book and write a response, and visit with a mental health professional.

Math

Courses Offered

- Algebra I
- Geometry
- Consumer Math
- Algebra II
- Stats
- Functions/Statistics
- Statistics
- HCC College Algebra/Trig
- Calculus

Courses

Algebra I

Course Number – 1103

State Course Number – 02052

Grade Level(s) – 9

Length of Course – Year

Course Length – ½ Credit Per Semester

Prerequisites – None

Fees/ Tuition – None

This class covers properties of the real number system and solving equations, reviews symbols, notations, adding and subtracting real numbers, and goes over variable and simple open sentences. Topics also include solving equations, inequalities and word problems, polynomials, adding, subtracting, multiplying, and dividing, working with fractions of real numbers and algebraic fractions, graphing in the coordinate plane and learning to solve systems of linear equations.

Geometry

Course Number – 1104

State Course Number – 02072

Grade Level(s) – Year

Course Length – Year

Credit Hours – ½ credit per semester

Prerequisite – Algebra I

Fees – None

This course is designed to formalize and extend students' geometric experiences from the middle grades. Students will study the properties and applications of common geometric figures in two and three dimensions. Students will explore more complex geometric situations and deepen their explanations of geometric relationships moving towards formal mathematical arguments. In order to take this class in 9th grade, students must meet criteria established in the 9th grade math placement document.

Consumer Math

Course Number – 1113

State Course Number – 02157

Grade Level(s) – 11

Course Length – Year

Credit Hours – $\frac{1}{2}$ Credit Per Semester

Prerequisites – Algebra I and Geometry

Fees/ Tuition – None

Consumer Math is a course to be taken specifically by students with an IEP, MTSS math placement, a need for credit recovery, or difficulty in math combined with no intention to pursue college after high school. The course focuses on practical applications and basic math skills and is typically taught to a smaller number of students. It is meant to be the third and final math class taken, and students in this class will not take Algebra II next.

Algebra 2

Course Number – 1105

State Course Number – 02056

Grade Level(s) – 10-12

Course Length – Year

Credit Hours – $\frac{1}{2}$ credit per semester

Prerequisite – Algebra I

Fees – None

This course extends and builds upon the concepts learned in Algebra 1. More advanced algebra concepts such as functions, polynomials, imaginary numbers, quadratics, rational and radical expressions and equations, and exponential functions will be developed. The content of this course is important for student success on both the ACT and college mathematics entrance exams.

Functions and Statistics

Course Number – 1122

State Course Number – 02106

Grade Level(s) – 11-12

Course Length – Year

Credit Hours – $\frac{1}{2}$ Credit Per Semester

Prerequisites – Algebra I, Geometry, Algebra II

Fees/ Tuition – None

This course will reinforce what students have learned about functions, real numbers, complex numbers, and logarithms in Algebra II. In addition, the students will become familiar with the basic concepts of Trigonometry. The purpose of the course is to prepare the students to take College Algebra.

Statistics

Course Number – 1125

State Course Number – 02201

Grade Level(s) – 11-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Algebra I, Geometry, Algebra II

Fees/ Tuition – None

Probability and Statistics courses introduce the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Course topics may also include normal distribution and measures of variability.

HCC College Algebra

Course Number – 1117

State Course Number – 02057

Grade Level(s) – 11-12

Course Length – Semester

Credit Hours – ½ credit

Prerequisites – Algebra II *and* a passing score on the ASSET test

Fees: HCC's current tuition rate

College Algebra is intended as a comprehensive, thorough study of the fundamental laws of algebra, exponents, linear and quadratic equations, polynomial and rational inequalities, system of equations, radicals and radical equations, functions and graphing, polynomials and polynomial equations, modeling, logarithms, complex numbers, augmented matrices, determinants, regression, analysis of all kinds of graphs, linear systems in two or three variables, and applications of most of the topics listed above, plus many other topics as time permits. Students must have an ACT Math score of 22 OR an ASSET Math score of 46.

Trigonometry

Course Number – 1117

State Course Number – 02057

Grade Level(s) – 11-12

Course Length – Semester

Credit Hours – $\frac{1}{2}$ creditPrerequisites – Algebra II *and* a passing score on the ASSET test

Fees: None

Reviews and extend algebraic concepts for students who have already taken Algebra II. Course topics include (but are not limited to) operations with rational and irrational expressions, factoring of rational expressions, linear equations and inequalities, quadratic equations, solving systems of linear and quadratic equations, properties of higher-degree equations, and operations with rational and irrational exponents. The courses may introduce topics in discrete mathematics, elementary probability and statistics; matrices and determinants; and sequences and series.

Calculus

Course Number – 1120

State Course Number – 02121

Grade Level(s) – 11-12

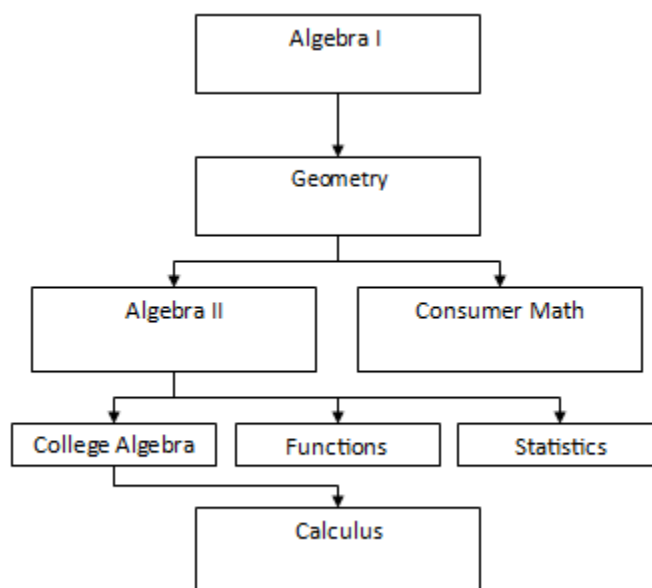
Course Length – Year

Credit Hours – $\frac{1}{2}$ Credit Per Semester

Prerequisites – Algebra I, Geometry, Algebra II, College Algebra or Functions

Fees/ Tuition – None

This course will give the students an approach to solving real life problems using both the integration of functions and the derivative of functions. The purpose of the course is preparing the students to take college calculus.

Flow Chart

Fine Arts

Courses Offered

- Graphic Design
- Advanced Multimedia
- Computer Graphics
- Band
- Cobra Singers

Graphic Design

Course Number – 1407

State Course Number – 05162

Grade Level(s) – 9-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

This class is designed to introduce elements and principles of design through a variety of different media and techniques. The students will be incorporating technology for ideas and production of projects. The course is divided into 2 parts: two dimensional and three dimensional arts.

Advanced Multimedia

Course Number – 1408

State Course Number – 05154

Grade Level(s) – 11-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Graphics and Computer Graphics

Fees/Tuition – None

Course Description: This class is designed to implement knowledge of the elements and principles of design through a variety of different media and techniques. This class will focus more on individualized instruction for areas of interest by student. The students will be incorporating technology for ideas and production of projects. The course is divided into 2 parts: two dimensional and three dimensional art.

Computer Graphics

Course Number – 1520

State Course Number – 10202

Grade Level(s) – 9-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

This class is designed to introduce elements and principles of design through a variety of different media and techniques. The students will be incorporating technology for ideas and production of projects. The course focuses on the use of computer graphics as an art form.

Band

Course Number – 1900

State Course Number – 05101

Grade Level(s) – 9-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Participation in middle school band or prior teacher approval

Fees/Tuition – \$50 per year if needing to rent an instrument

Course Description: Jackson Heights High School Cobra Band is a performance course that provides a pep band for athletic events, a concert band for community concerts, and provides opportunities for all musicians to perform solos and in small ensembles. The main emphasis of the band program at JHHS is on musicianship, followed by citizenship, tradition, spirit, and pride. The goal of the athletic band is to involve the crowd, support the athletes and enjoy the music. The goal in the concert area is to work on becoming independent musicians that work together to create great musical experiences.

Cobra Singers

Course Number – 1901

State Course Number – 05111

Grade Level(s) – 9-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – Approximately \$65 for females and \$10 for males

Course Description: In this course students will learn a variety of musical forms and genres to be able to express themselves vocally. Students also learn sight singing and various music theory concepts. Students perform at various concerts and contests throughout the year and have opportunities to participate in solos and ensembles.

Financial Literacy and Business

Courses Offered

- Business Economics / Personal Finance
- Marketing
- Entrepreneurship
- Accounting
- Business Law

Business Economics

Course Number – 1531

State Course Number – 12105

Grade Level(s) – 9-10

Course Length – Semester

Credit Hours – ½ Credit

Prerequisites – None

Fees/Tuition – None

This course integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law, and risk).

Personal Finance

Course Number – 1537

State Course Number – 12103

Grade Level(s) – 9-10

Course Length – Semester

Credit Hours – ½ Credit

Prerequisites – None

Fees – None

In this course, students will learn basic financial skills and information that will help them make sound financial decisions when it comes to managing their money. Topics covered will include but are not limited to saving, budgeting, bank accounts, credit cards, insurance, borrowing money, and investing.

Marketing

Course Number – 1533
 State Course Number – 12152
 Grade Level(s) – 10-12
 Course Length – Year
 Credit Hours – ½ Credit Per Semester
 Prerequisites – Business Economics/Personal Finance
 Fees/Tuition – None

Comprehensive courses focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics include market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship. Human relations, computers, and economics are covered as well.

Accounting

Course Number – 1500
 State Course Number – 12104
 Grade Level(s) – 10-12
 Course Length – Year
 Credit Hours – ½ Credit Per Semester
 Prerequisites – Business Economics/Personal Finance
 Fees/Tuition – None

The accounting course introduces and expands upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

Business Law

Course Number – 1535
 State Course Number – 12054
 Grade Level(s) – 10-12
 Course Length – Semester
 Credit Hours – ½ Credit
 Prerequisites – Business Economics/Personal Finance
 Fees/Tuition – None

This course identifies and promotes the skills needed in law and law associated professions. Topics include the origins, ethics, structures, and institutions of law. It concentrates on several types of law including criminal, civil, consumer, contract, property, agency, employment, family and environmental law. The intent of the class is to allow areas of concentration once all of the competencies are met.

Entrepreneurship

Course Number – 1511

State Course Number – 12053

Grade Level(s) – 10-11

Course Length – Semester

Credit Hours – ½ Credit

Prerequisites – Business Economics/Personal Finance

Fees/Tuition – None

This class is designed to introduce management and entrepreneurial knowledge needed to effectively operate a business. Several aspects will be studied including starting a business, forms of ownership, e-commerce, ethics, management, and finances. The responsibilities of ownership will also be stressed.

Physical Education

Courses Offered

- Physical Conditioning
- Weightlifting

Physical Conditioning

Course Number – 2005

State Course Number – 08005

Grade Level(s) – 9-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Wellness

Fees/Tuition – None

Physical Conditioning presents a conceptual approach to physical education to teach students how and why of physical exercise and activity. Emphasis will be placed on social and emotional growth necessary for an active life. Students will learn skills in a variety of activities, games, introduction into weights, and flexibility and cardiovascular exercises. The outcome of this class is for students to accept responsibility for their personal health and wellness.

Weightlifting

Course Number – 2007

State Course Number – 08009

Grade Level(s) – 9-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Wellness

Fees/Tuition – None

This course is designed for the student who wants to train with **intensity** on a **daily basis** to improve his/her physical performance in athletics and everyday life. Students will gain the understanding of how to train consistently and safely to enhance physical performance based in areas of skill-related fitness: Students will perform daily workouts that will include weightlifting, stretching, agility drills, and speed drills. Students will know and understand the importance of flexibility and cardiovascular training prior to lifting weights. An emphasis will be on developing muscular endurance, muscular strength, power and agility.

Wellness

Courses Offered

- Nutrition and Wellness

Nutrition and Wellness

Course Number – 1610

State Course Number – 08257

Grade Level(s) – 9

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

Wellness education is the study of the physical, social, emotional, mental, and spiritual health as related to individual wellness and personal responsibility. Students will be exposed to a conceptual approach to dealing with health problems relating to student choices of lifestyle.

Units include mental health, choosing wellness, physical fitness, nutrition, sex education, HIV+, AIDS, and other STD's, substance abuse, and CPR certification.

Computer Technology

Courses Offered

- Web Design
- Publications
- Tech Support

Web Design

Course Number – 1409

State Course Number – 10201

Grade Level(s) – 10-12

Course Length – Year

Credit/Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

This course will teach the fundamentals of Dreamweaver CS6. It will teach students proper website design and management techniques with the proper procedures to create web sites suitable for coursework, professional purposes, and personal use. The course is an exercise-oriented class that allows learning by doing.

Publications Production

Course Number – 1519

State Course Number – 22999

Grade Level(s) – 9-12

Course Length – Year

Credit/Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

Publications Production is a semester course for students interested in developing their skills in journalistic writing and photography. Our year-end goal is the publication of the Jackson Heights Middle and High School yearbook, and the course combines an overview of journalistic style and technique with the production and sale of our product. First semester topics include media ethics, responsibilities and fundamentals. All students will conduct interviews and write news, feature and sports articles. During the second semester, students will be more involved in creating the yearbook. Our focus will be on copy editing, graphic design, and page layout. This course does require students to attend games and events after school hours.

Technology Support

Course Number – 1508

State Course Number – 10252

Grade Level(s) – 10-12

Course Length – Year

Credit/Credit Hours – ½ Credit Per Semester

Prerequisites – Prior approval from instructor

Fees/Tuition – None

This is a yearlong course that allows students to assist the district technology director in the role of technology support personnel. Students perform tasks such as installing software, repairing computers, installing printers and other hardware, making and installing network cabling, installing apps, and troubleshooting software and hardware issues. Students also serve as publications support, producing the elementary yearbook and programs for musical and other events. A limited number of students are allowed to enroll in this class each year.

Foreign Language

Courses Offered

- English I
- English II
- English III

Course Descriptions

Spanish I

Course Number – 1704

Grade Levels – 9-12

Course Length – Year

Credits – ½ Credit Per Semester

Prerequisites – None

Fees – None

Students will learn essential Spanish vocabulary and grammar, and they will communicate on a basic level through reading, writing, speaking, and listening. Students will develop a greater awareness of Spanish-speaking countries and cultures.

Spanish II

Course Number – 1705

Grade Levels – 10-12

Course Length – Year

Credits – ½ Credit Per Semester

Prerequisites – Spanish I

Fees: None

Students will expand their knowledge of Spanish vocabulary and grammar, and they will communicate on an intermediate level through reading, writing, speaking, and listening. Students will continue to increase their awareness of Spanish-speaking countries and cultures.

Spanish III

Course Number – 1707

Grade Levels – 11-12

Course Length – 1 year

Credits – ½ Credit Per Semester

Prerequisites – Spanish I and Spanish II

Fees: None

Students will continue to expand their knowledge of Spanish vocabulary and grammar, and they will communicate on a more advanced level through reading, writing, speaking, and listening. Students will continue to increase their awareness of Spanish-speaking countries and cultures.

Agriculture

Courses Offered

- Agriculture Science
- Animal Science
- Ag Mechanics
- Advanced Ag Mechanics
- Horticulture
- Animal Health / Vet Tech
- Applications in Horticulture
- AgriBusiness Management
- Ag Leadership and Communications
- Natural Resources Management

AgriScience

Course Number – 2108

State Course Number – 18002

Grade Level(s) – 9-10

Course Length – Year

Credit/Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

AgriScience is a year-long course where students will learn the history of the FFA, opportunities that the FFA has to offer and will attend career development events throughout the year. Careers that they will learn about include the livestock industry, meat, agri-business, leadership, food science and mechanics fields.

Animal Science

Course Number – 2101

State Course Number – 18101

Grade Level(s) – 10-12

Course Length – Year

Credit/Credit Hours – ½ Credit Per Semester

Prerequisites – Agri-Science

Fees/Tuition – None

Animal Science is a year-long course where students will learn about the different careers that are offered in the livestock industry. We will go in depth into the reproductive system of the bovine species including artificial reproduction, embryo transfer and EPD's. The students will pick an animal of their choice and describe their digestive tract, gestation length, breed numbers and uses in a report. Students will also attend career development events to see how well they have learned their skills.

Horticulture

Course Number – 2154

State Course Number – 18052

Grade Level(s) – 10-12

Course Length – Year

Credit/Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

General Horticulture courses expose students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. In doing so, they cover a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design.

Applications in Horticulture

Course Number – 1807

State Course Number – 18071

Grade Level(s) – 11-12

Course Length – Year

Credit/Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

Applications in Horticulture provides instruction that incorporates plant science, soil and media mixtures, plant identification and optimal environments, and landscape design. This course will expose students to the art and science of growing plants, shrubs, trees, flowers, fruits, agriculture crops and vegetables. The course emphasizes applying such knowledge & skill to the design, establishment, and maintenance of lawns, parks, open space & similar environments. This course would include opportunities to design public and private spaces. Students will have the opportunity to produce, market different types of greenhouse plants grown in the schools greenhouse. Skills in management, plant identification, pests control, starting plants, watering, fertilizing, and salesmanship will be developed.

Animal Health / Vet Tech

Course Number – 1234
State Course Number – 18105
Grade Level(s) – 10-12
Course Length – Year
Credit/Credit Hours – ½ Credit Per Semester
Prerequisites – None
Fees/Tuition – None

Veterinary Science courses impart information about the causes, diagnosis, and treatment of diseases and injuries of animals, typically emphasizing domestic and farm animals. Course topics focus on anatomy and physiology, nutrition, behavior, and reproduction, but may also include other areas of study as appropriate.

Ag. Mechanics

Course Number – 2116
State Course Number –
Grade Level(s) – 10-12
Course Length – Year
Credit/Credit Hours – ½ Credit Per Semester
Prerequisites – Agri-Science
Fees/Tuition – \$25

Ag. Mechanics is an introductory class for beginning welders. Students will learn basic blueprint design, shop safety, welding procedures and types of positions that are involved in the welding industry. Students will be introduced to MIG and oxyacetylene welding. Students will also disassemble a small gas engine and assemble it again.

Advanced Ag. Mechanics

Course Number – 2117
State Course Number – 18401
Grade Level(s) – 11-12
Course Length – Year
Credit/Credit Hours – ½ Credit Per Semester
Prerequisites – Agri-Science, Ag. Mechanics
Fees/Tuition – \$25

Advanced Ag. Mechanics is an advanced class for students that want to create projects and work on small engines. Students will be expected to know how to use MIG and oxyacetylene welders. Students should have disassembled and assembled a small engine before enrolling in this class.

AgriBusiness Management

Course Number – 2107
State Course Number –
Grade Level(s) – 10-12
Course Length – Year
Credit/Credit Hours – ½ Credit Per Semester
Prerequisites – Agri-Science
Fees/Tuition – None

Students will learn the different styles of leadership and learn a variety of career development events to make them successful in life evolving around agriculture.

Ag. Leadership & Communications

Course Number – 2156
State Course Number – 18203
Grade Level(s) – 11-12
Course Length – Year
Credit/Credit Hours – ½ Credit Per Semester
Prerequisites – Agri-Science, Animal Science OR Agri-Science, Ag Mech, Adv. Ag Mech
Fees/Tuition – None

Ag. Leadership & Communications is a leadership class where students will learn about different leadership styles and personalities of people. Students will learn how to communicate both orally and in writing. Students will give at least two oral reports and learn other leadership skills.

Natural Resources Management

Course Number – 5560
State Course Number – 18504
Grade Level(s) – 10-12
Course Length – Year
Credit/Credit Hours – ½ Credit Per Semester
Prerequisites – Ag Science
Fees/Tuition – None

Natural Resources Management courses combine the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife, and forests. Within the general area of natural resources management, these courses usually cover specific topics and uses, such as hunting or fishing preserves, forest production and management, wildlife preservation, and human outdoor recreation.

Family and Consumer Sciences

Human Growth and Development

Course Number – 5556

State Course Number – 45004

Grade Level(s) – 10-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

Human Growth and Development A provides students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to old age, with a special emphasis on birth through school age. Course content will provide an overview of life stages, with a strong tie to prenatal and birth processes; fundamentals of children's emotional and physical development; and the appropriate care of children.

Family Studies

Course Number – 5557

State Course Number – 22208

Grade Level(s) – 10-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

Family Living courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. These courses often emphasize (but are not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. They may also cover topics related to individual self-development, career development, personal awareness, and preparation for the responsibilities of a family member and wage earner.

Culinary Essentials

Course Number – 5555

State Course Number – 16052

Grade Level(s) – 10-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Nutrition and Wellness

Fees/Tuition – \$25

Restaurant, Food, and Beverage Services—Comprehensive courses provide students with knowledge and skills related to commercial and institutional food service establishments. Course topics range widely, but usually include sanitation and safety procedures, nutrition and dietary guidelines, food preparation (and quantity food production), and meal planning and presentation. Restaurant, Food, and Beverage Service courses may include both “back-of-the-house” and “front-of-the-house” experiences, and may therefore also cover reservation systems, customer service, and restaurant/business management.

Community and Career Connections

Course Number – 5558

State Course Number – 22270

Grade Level(s) – 11-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – Nutrition and Wellness

Fees/Tuition – None

Community Connections course provide community based/school based learning experiences mainly within the family and consumer sciences classroom. Learning goals are set by the student, teacher and community partners to create experiences and/or discussions to enhance the development of the 21st century skills (i.e. leadership, empathy, communication, problem solving, cooperation, critical thinking, and resource management) needed to be successful in human services/family and consumer sciences related careers.

Electives

Courses Offered

- Speech / Forensics
- Cabinet Making and Furniture Design
- Vo-Tech (5 credits for a full year)
- Reading Express
- Math Express
- HCC Online
- Teacher Aide
- ACT Prep

HCC Dual Credit Speech

Course Number – 1019

State Course Number –

Grade Level(s) – 11-12

Course Length – Semester

High School Credit Hours – ½ Credit

College Credit Hours – 3

Prerequisites – Sufficient score on the Asset Test or ACT per Highland policies

Fees/Tuition – Highland Community College Rates

This first semester course is a dual credit speech course through Highland Community College for juniors and seniors. It requires adequate placement scores on either the Asset test or the ACT. Topics covered include basics of public speaking, informative speaking, persuasive speaking, group presentations, and speeches for special occasions. In addition, students will learn the elements of effective speaking, including content, structure, and delivery. Students must have an ACT Reading score of 17 OR an ASSET Reading score of 41.

Forensics

Course Number – 1020

State Course Number –

Grade Level(s) – 11-12

Course Length – Semester

Credit Hours – ½ Credit

Prerequisites – None

Fees/Tuition – None

This second semester course is meant for students who are members of the Forensics team. In order to be in this class, students must compete for the forensics team. Time during this class will be spent in preparation for meets and in organizing and conducting the Jackson Heights High School invitational forensics meet. Students enrolled in HCC Speech during the first semester who do not wish to compete on the forensics team will be enrolled in a different semester-long class during this period.

Cabinet Making and Furniture Design I

Course Number – 1805

State Course Number –

Grade Level(s) – 9-12

Course Length – Year

Credit Hours – ½ Credit Per Semester

Prerequisites – None

Fees/Tuition – None

Cabinetmaking courses provide students with experience in constructing cases, cabinets, counters, and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. Cabinetmaking courses cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware. Initial topics may resemble those taught in Woodworking courses; more advanced topics include how to install plastic laminates on surfaces and how to apply spray finishes.

Vo-Tech

Course Number – N/A

State Course Number – N/A

Grade Level(s) – 11-12

Course Length – Semester

Credit Hours – 2.5 credit hours per semester

Prerequisites – Sufficient score on the Accuplacer test administered by Washburn Tech

Fees/Tuition – Washburn Tech Fees

Students at Jackson Heights may participate in classes or programs at Washburn Tech tuition-free for the duration of Senate Bill 155. Students will typically take the Work Keys test offered by Washburn Tech during their sophomore year and then participate in a program during their junior and senior years. These programs may result in certification or even a degree. The programs available vary according to Washburn's schedule. Students must still be able to meet graduate requirements and pass all other required courses at Jackson Heights.

HS Reading Express

Course Number – 2713
 State Course Number –
 Grade Level(s) – 9-12
 Course Length – Semester
 Credit Hours – ½ Credit Per Semester
 Prerequisites – None
 Fees/Tuition – None

This is a semester course for students needing extra support in reading. Students are placed in this class for one of the following reasons: low STAR scores, failure to pass state assessments in reading, teacher or parent referral. Students will receive small group help with an instructor in the areas of comprehension, fluency, vocabulary, and varied reading strategies. Students may leave the course at the end of the semester by demonstrating sufficient improvement in STAR scores.

HS Math Express

Course Number – 2712
 State Course Number –
 Grade Level(s) – 9-12
 Course Length – Semester
 Credit/Credit Hours – ½ Credit Per Semester
 Prerequisites – None
 Fees/Tuition – None

This is a semester course for students needing extra support in math. Students are placed in this class for one of the following reasons: low STAR scores, failure to pass state assessments in reading, teacher or parent referral. Students will receive small group help with an instructor to help bring them back up to grade level. Students may leave the course at the end of the semester by demonstrating sufficient improvement in STAR scores.

HCC Online Classes

Course Number – 2720
 State Course Number –
 Grade Level(s) – 11-12
 Course Length – Semester
 High School Credit Hours – 0
 College Credit Hours – per Highland's course catalog
 Prerequisites – Sufficient score on the Asset Test or ACT per Highland policies
 Fees/Tuition – Highland Community College Rates

With permission, students may take Highland online courses during the school day. These classes potentially are tuition free, due to SB 155. Students receive no high school credit of any kind for these courses. These courses cannot be used as a substitute for any required course at Jackson Heights. Students are responsible for enrolling in the class and paying any required fees or tuition.

Teacher Aide

Course Number – 2300

State Course Number –

Grade Level(s) – 11-12

Course Length – Year

Credit/Credit Hours – ½ Credit Per Semester

Prerequisites – GPA of at least 3.5

Fees/Tuition – None

During their junior or senior year, students may choose to spend a class period as an aide to a teacher. In order to take this class, students must be in good standing, eligible by KSHSAA standards, have demonstrated work ethic, trustworthiness, and dependability, and be on track to graduate. Each student must also have a cumulative GPA of 3.5 in order to take this course. Grading is done on a pass/fail basis. Students may be removed from this course if they are not showing up on time or performing their duties in a satisfactory manner.

ACT Prep

Course Number – 7852

State Course Number –

Grade Level(s) – 11-12

Course Length – Semester

High School Credit Hours – ½ Credit

Prerequisites – None

Fees/Tuition – \$35, depending on number of students

This course will offer students the opportunity to take a high-quality ACT prep program at substantially reduced cost from purchasing it on their own. The program is online and video with practice tests.