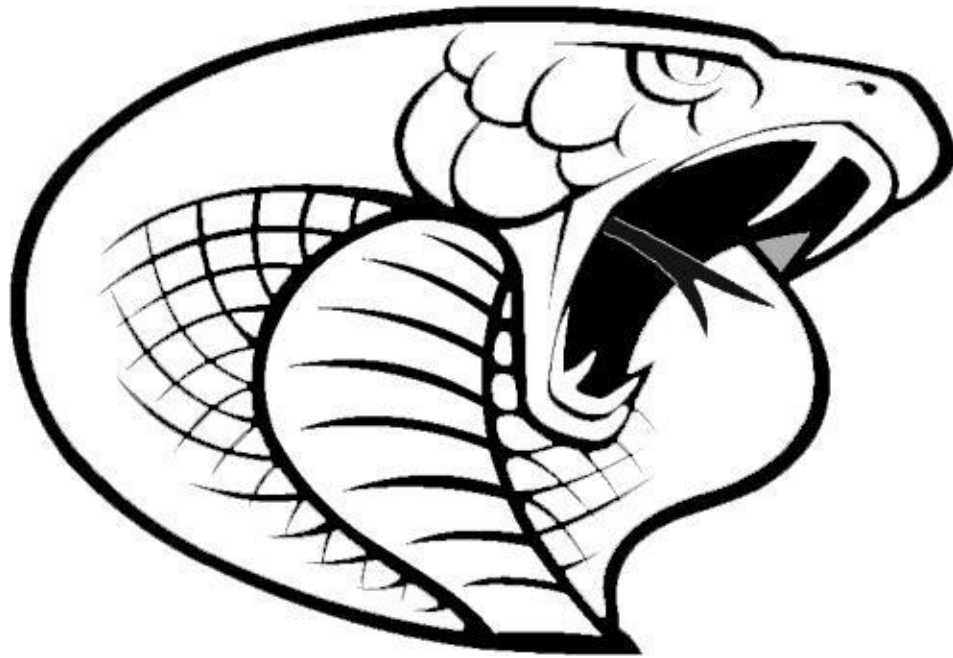


# Jackson Heights High School



## Course Offerings and Descriptions 2020-2021



## Table of Contents

Table of Contents	3
Graduation Requirements	5
Qualified Admission	6
Kansas Scholar Curriculum	7
Career Pathways	8
Marketing Pathway	9
Business Entrepreneurship and Management	9
Power, Structural, & Technical Systems	9
Agriculture Science Pathway	10
Plant Systems Pathway	10
AgriBusiness Systems	10
Animal Science	11
Family, Community, and Consumer Services	11
NCAA Eligibility Requirements	11
NCAA-Approved Core Classes	12
NAIA Eligibility Requirements	12
Early Decisions for High School Seniors	13
Washburn Tech	13
Entrance Requirements	14
Programs of Study	14
High School Credit	14
MTSS Express Classes	14
Flow Chart	15
<b>SCHEDULING PROCESS</b>	<b>15</b>
English	16
Flowchart	19
Science	19
Flow Chart	22
Social Studies	22
Flow Chart	24
Math	24
Flow Chart	28

Fine Arts	28
Financial Literacy and Business	30
Physical Education	33
Wellness	34
Computer Technology	35
Foreign Language	37
Agriculture	38
Family and Consumer Sciences	42
Electives	44

### 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 one unit of World History, US History, American Government

\*\*\*\* **MUST** include functions/statistics, college algebra, statistics or calculus

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

## Qualified Admission



## Qualified Admissions

Current Freshman Criteria – Under 21 <i>Requirements for Accredited High School Graduate</i>	Amendments <i>Accredited High School Graduate</i>	
	ESU, PSU, FHSU, KSU, and WSU	K-State
ACT: 21+ <u>or</u> Rank in top third of class	ACT: 21+ <u>or</u> Cumulative GPA of 2.25	ACT: 21+ <u>or</u> Cumulative GPA of 3.25
Complete Precollege Curriculum with a 2.0 GPA (Resident)/2.5 GPA (Nonresident). Curriculum consists of: -English (4 units); Math (3 units with ACT benchmark of 22 or 4 units with one taken in senior year); Natural Science (3 units with one unit in chemistry or physics); Social Science (3 units); Electives (3 units) <i>Note: As part of the admission application, students list each high school course taken along with the grade.</i>	Units (but not specific courses) are recommended; units are not required.	Units (but not specific courses) are recommended; units are not required.
2.0 cumulative GPA on any college courses taken while in high school	2.0 cumulative GPA on any college courses taken while in high school	2.0 cumulative GPA on any college courses taken while in high school

Current Freshman Criteria – Under 21 <i>Requirements for Accredited High School Graduate</i>	Amendments <i>Accredited High School Graduate</i>	
	KU	
Cumulative GPA of 3.25 and ACT 21+ <u>or</u> Cumulative GPA of 3.0 and ACT 24+	Cumulative GPA of 3.25 and ACT 21+ <u>or</u> Cumulative GPA of 3.0 and ACT 24+	
Complete the Precollege Curriculum as described above	Units (but not specific courses) are recommended; units are not required.	
2.0 cumulative GPA on any college courses taken while in high school	2.0 cumulative GPA on any college courses taken while in high school	

High School Graduating Class of 2020	High School Graduating Class of 2021
Current QA Criteria Apply	Amended QA Criteria Apply

- The qualified admissions or Kansas Scholars curriculum is suggested for students applying to state universities beginning with the high school graduating class of 2021 semester.
- Students have two options to complete the Qualified Admissions math recommendations:
  - 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

<b>English</b>	Same as the Qualified Admissions Curriculum.
<b>Natural Science</b>	<p>3 approved units including:</p> <ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Physics</li> </ul> <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"> <li>• Algebra I*</li> <li>• Algebra II</li> <li>• Geometry</li> </ul>
<b>Math</b>	<p>In addition, students must complete at least one of the following:</p> <ul style="list-style-type: none"> <li>• Analytic Geometry</li> <li>• Trigonometry</li> <li>• Advanced Algebra</li> <li>• Probability &amp; Statistics</li> <li>• Functions</li> <li>• Calculus</li> </ul> <p><i>*Algebra taken in the 8th Grade is accepted.</i></p>
<b>Social Science</b>	Same as the Qualified Admissions Curriculum.
<b>Foreign Language</b>	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](http://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

<b>English</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>	<b>Foreign Language</b>
English I	Algebra I	Physical Science	World History	Spanish I
English II	Geometry	Biology	Modern U.S. History	Spanish II
English III	Algebra II	Chemistry	American Gov.	Spanish III
English IV	Functions and Stats	A & P	Social Studies	Spanish IV
College Eng. 101	College Algebra	Physics	Psychology	
College Eng. 102	Trig		Current Events	
	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.

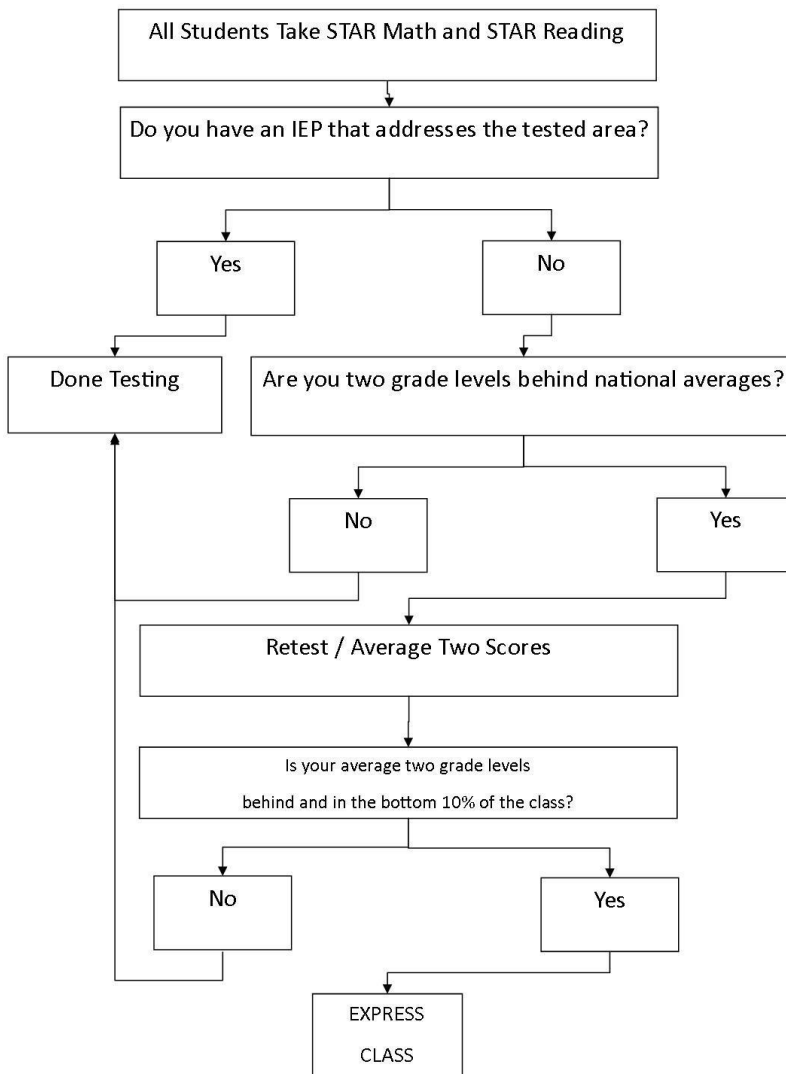
### **High School Credit**

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

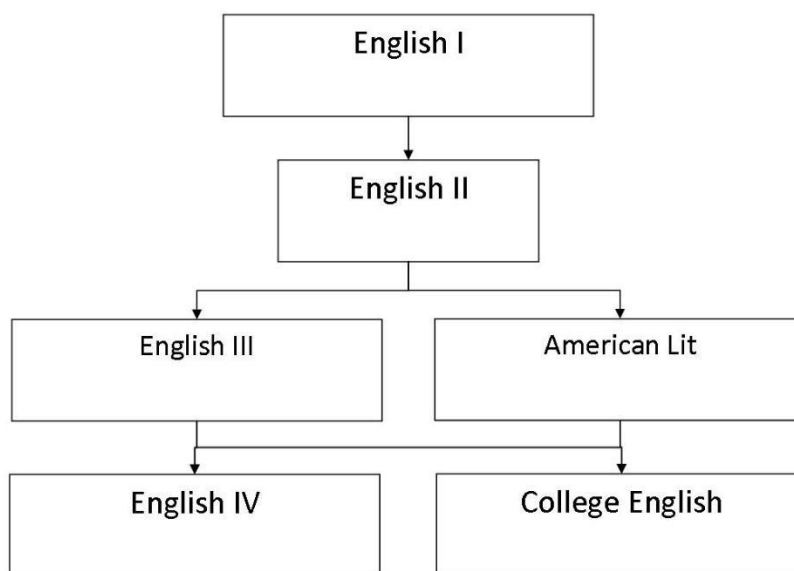
Prerequisites – English I, English II, 80 % average in English III OR American Lit

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

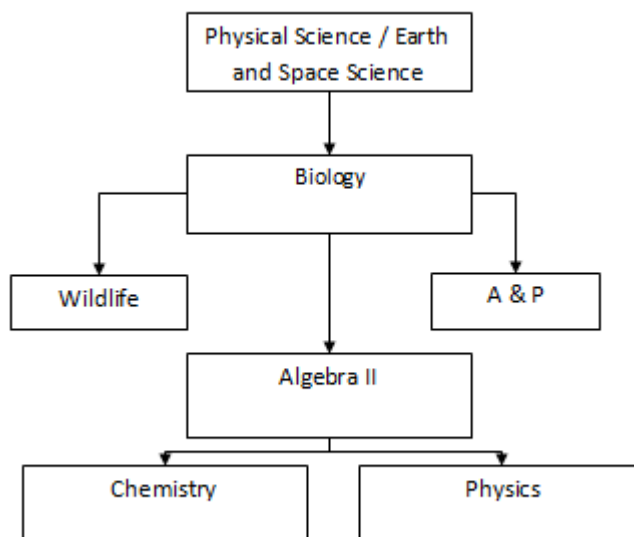
Course Length – Year

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
- 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.

#### 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 9<sup>th</sup> grade, students must meet criteria established in the 9<sup>th</sup> grade math placement document.

### Consumer Math

Course Number – 1113

State Course Number – 02157

Grade Level(s) – 11

Course Length – Year

Credit Hours – ½ 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 – ½ 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 – ½ 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

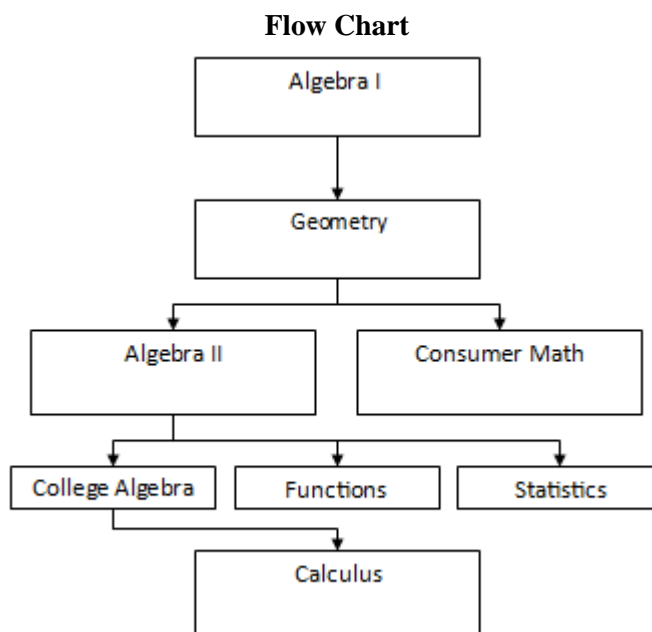
Course Length – Year

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.



### 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

- Spanish I
- Spanish II
- Spanish 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.