Jackson Heights High School



Course Offerings and Descriptions 2026-2027

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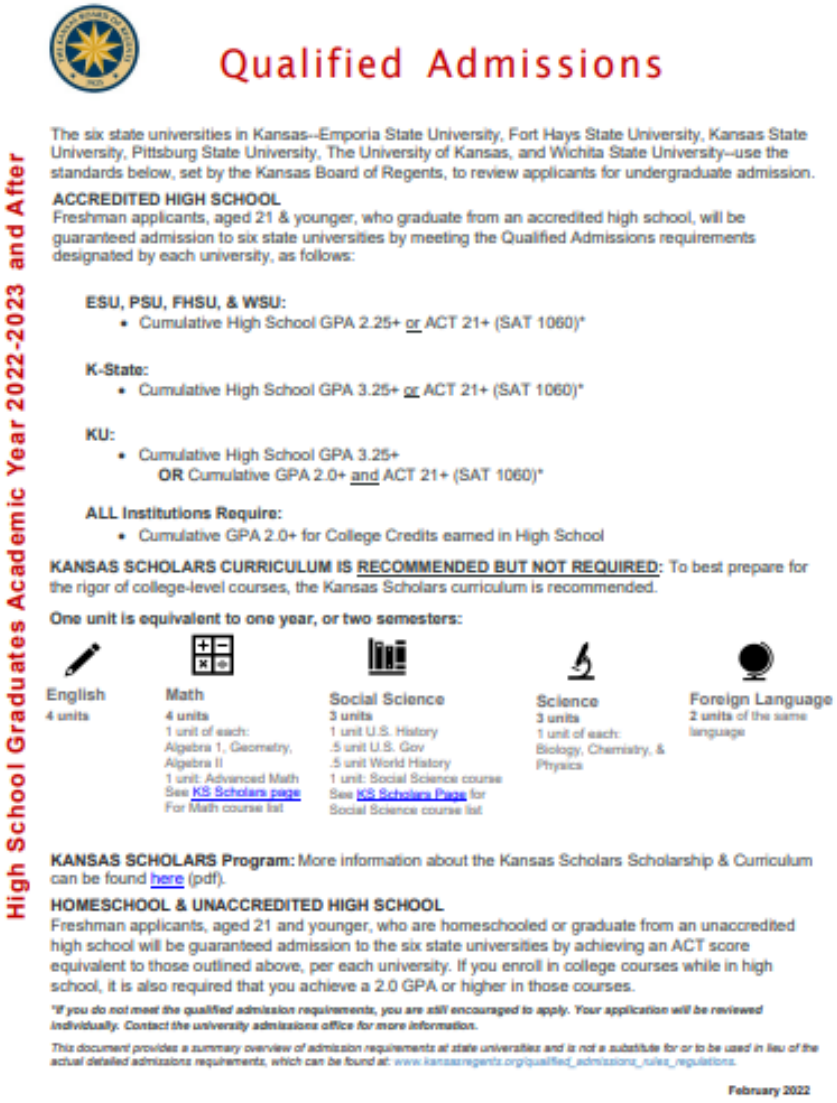
World Language 53
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Graduation Requirements

		HS 2027	HS 2028	Qualified Admission	Kan. Scholar
English		4 Credits	3.5 Credits	4 Credits	4 Credits
Communication			0.5 Credits******		
Science		3 Credits	3 Credits	3 Credits*	3 Credits**
Social Studies		3 Credits***	3 Credits	3 Credits	3 Credits
Math		3 Credits	3 Credits	3 Credits	4 Credits****
Fine Arts		1 Credit	1 Credit		
Financial Literacy		1 Credit	0.5 Credits		
PE / Weightlifting		1 Credit	0.5 Credits		
Health		1 Credit	0.5 Credits		
Technology (STEM)			1 Credit		
Foreign Language					2 Credits
CTE Courses			4.5 Credits		
Electives	(2027)	7 Credits	24 Credits		
TOTAL	(2027)		24 Credits		
	(2028 and beyond)		27 Credits		

#Completion of the Kansas Scholar Curriculum is **<u>required</u>** 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, 0.5 units of American Government (0.5 units of a social studies elective could count towards the 3 total units required)
**** MUST include college algebra, statistics or calculus
***** Other than required classes, the additional credits needed to graduate can be taken in any area, including electives.
******Communication credit can come from communication fundamentals or speech.

Qualified Admission



Qualified Admissions

High School Graduates Academic Year 2022-2023 and After

The six state universities in Kansas--Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, The University of Kansas, and Wichita State University--use the standards below, set by the Kansas Board of Regents, to review applicants for undergraduate admission.

ACCREDITED HIGH SCHOOL
Freshman applicants, aged 21 & younger, who graduate from an accredited high school, will be guaranteed admission to six state universities by meeting the Qualified Admissions requirements designated by each university, as follows:

ESU, PSU, FHSU, & WSU:
- Cumulative High School GPA 2.25+ or ACT 21+ (SAT 1060)*

K-State:
- Cumulative High School GPA 3.25+ or ACT 21+ (SAT 1060)*

KU:
- Cumulative High School GPA 3.25+
  OR Cumulative GPA 2.0+ and ACT 21+ (SAT 1060)*

ALL Institutions Require:
- Cumulative GPA 2.0+ for College Credits earned in High School

KANSAS SCHOLARS CURRICULUM IS RECOMMENDED BUT NOT REQUIRED: To best prepare for the rigor of college-level courses, the Kansas Scholars curriculum is recommended.

One unit is equivalent to one year, or two semesters:

English	Math	Social Science	Science	Foreign Language
4 units	4 units 1 unit of each: Algebra 1, Geometry, Algebra II 1 unit: Advanced Math See KS Scholars page For Math course list	3 units 1 unit U.S. History .5 unit U.S. Gov .5 unit World History 1 unit: Social Science course See KS Scholars Page for Social Science course list	3 units 1 unit of each: Biology, Chemistry, & Physics	2 units of the same language

KANSAS SCHOLARS Program: More information about the Kansas Scholars Scholarship & Curriculum can be found here (pdf).

HOMESCHOOL & UNACCREDITED HIGH SCHOOL
Freshman applicants, aged 21 and younger, who are homeschooled or graduate from an unaccredited high school will be guaranteed admission to the six state universities by achieving an ACT score equivalent to those outlined above, per each university. If you enroll in college courses while in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

**If you do not meet the qualified admission requirements, you are still encouraged to apply. Your application will be reviewed individually. Contact the university admissions office for more information.*

This document provides a summary overview of admission requirements at state universities and is not a substitute for or to be used in lieu of the actual detailed admissions requirements, which can be found at: www.kansasregents.org/qualified_admissions_rules_regulations.

February 2022

- 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 BOARD OF REGENTS

Kansas Scholars Curriculum & State Scholar Quick Facts

Completion of the Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation. This occurs during the senior year of high school.

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 senioryear.
- 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.

KANSAS SCHOLARS CURRICULUM

English - 4 years
One unit to be taken each year. Must include substantial recurrent practice in writing extensive and structured papers, extensive reading of significant literature, and significant experience in speaking and listening.

Mathematics - 4 years
Algebra I, Algebra II, Geometry, and one unit of advanced mathematics-- suggested courses include: Analytic Geometry, Trigonometry, Advanced Algebra, Probability and Statistics, Functions or Calculus. Completion of Algebra I in 8th grade is acceptable; the student would then only need three years of math in high school.

Science - 3 years
One year each in Biology, Chemistry, and Physics, each of which include an average of one laboratory period a week. Applied/technical courses may not substitute for a unit of natural science credit.

Social Studies - 3 years
One unit of U.S. History; minimum of one-half unit of U.S. Government and minimum of one-half unit selected from: World History, World Geography or International Relations; and one unit selected from: Psychology, Economics, U.S. Government, U.S. History, Current Social Issues, Sociology, Anthropology, and Race and Ethnic Group Relations. Half unit courses may be combined to make this a whole unit.

World Language - 2 years
Two years of one language. Latin and Sign Language are accepted.

What is the benefit of completing the Kansas Scholars Curriculum?

Students that complete this curriculum and meet the other requirements, may be designated as State Scholars, which makes one eligible to receive the Kansas State Scholarship as provided by the Kansas Legislature.
The academic profile of recent scholars include an average ACT of 29 and an average GPA of 3.92. 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. Financial need is measured by federal methodology using data submitted on the FAFSA.

For more information, contact us at (785) 430-4300 or at scholars@ksbor.org.

kansasregents.org

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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.

Business Entrepreneurship and Management

Introductory Level

Business Essentials (8th grade course)

Technical Level

Business Communications
Business Economics
Business Management
Entrepreneurship
Accounting
Business Law
Web Design

Application Level

Applied Business Development
Business Management & Entrepreneurship Workplace Experience

Certification

Adobe: Illustrator
Careersafe: OSHA Safety Certificate (10 Hour)
Intuit: QuickBooks Certified User
MBA Research (ASK): Concepts of Business Management
MBA Research (ASK): Concepts of Entrepreneurship
MBA Research (ASK): Fundamental Business Concepts Certification
Microsoft (MOS): Access
Microsoft (MOS): PowerPoint
Microsoft (MOS): Word
NC3: Data Analytics/Harnessing the Power of Data

Marketing

Introductory Level

Business Essentials (8th grade course)

Technical Level

Business Economics
Entrepreneurship
Accounting
Web Design
Business Communications
Marketing Management
Principles of Marketing

Application Level

Applied Business Development
Marketing Applications

Certification

Adobe: Campaign Business Practitioner
Adobe: Dreamweaver
Adobe: Media Optimizer
Adobe: Illustrator
Careersafe: OSHA Safety Certificate (10 Hour)
Intuit: QuickBooks Certified User
Facebook: Blueprint
Google: Analytics
MBA Research (ASK): Fundamental Marketing Concepts
Microsoft (MOS): Access
Microsoft (MOS): Excel
Microsoft (MOS): PowerPoint
Microsoft (MOS): Word
NC3: Data Analytics/Harnessing the Power of Data

Agricultural Technology and Mechanical Systems

Introductory Level

Agriculture Explorations (8th grade course)

Technical Level

Agri Science
Ag Mechanics

Application Level

Advanced Ag Mechanics
Agri Business Management
Ag Leadership & Communications

Certification

American Welding Society: SENSE Certification (Level 1)
CareerSafe: OSHA Safety Certification (10 Hour)
cPass: Comprehensive Agriculture Assessment
NC3: Data Analytics/Harnessing the Power of Data
NSTMOP: Tractor Safety

Animal Science, Health & Related Industries

Introductory Level

Agriculture Explorations (8th grade course)

Technical Level

Agri Science
Animal Science

Application Level

Ag Leadership & Communications
Agri Business Management
Animal Health/Vet Tech

Certification

CareerSafe: OSHA Safety Certification (10 Hour)
cPass: Comprehensive Agriculture Assessment
Dog Handler
NC3: Data Analytics/Harnessing the Power of Data
Youth for the Quality Care of Animals: YQCA

Diversified Agricultural Science

Introductory Level

Agriculture Explorations (8th grade course)

Technical Level

Agri Science
Horticulture
Animal Science
Natural Resource Management
Ag Mechanics

Application Level

Ag Leadership & Communications
Agri Business Management

Certification

CareerSafe: OSHA Safety Certification (10 Hour)
cPass: Comprehensive Agriculture Assessment
KS Livestock Association: Beef Quality Assurance
KS Restaurant & Hospitality: ServSafe (Food Handlers)
NC3: Data Analytics/Harnessing the Power of Data
NSTMOP: Tractor Safety

Plant Science and Industry Operations

Introductory Level

Agriculture Explorations (8th grade course)

Technical Level

Agri Science
Horticulture

Application Level

Agribusiness Management
Horticulture, Floriculture, and Greenhouse Management
Ag Leadership & Communications

Certification

CareerSafe: OSHA Safety Certification (10 Hour)
cPass: Comprehensive Agriculture Assessment
NC3: Data Analytics/Harnessing the Power of Data
NSTMOP: Tractor Safety

Health Science

Introductory Level

Chemistry
Introduction to Health Care

Technical Level

Anatomy and Physiology
Medical Terminology
Nutrition & Dietetics

Application Level

Health Care Work Experience I

Certification

American Red Cross/American Heart Association: Advanced Life Support (ACLS/ALS)
American Red Cross/American Heart Association: Automated External Defibrillator (AED)
American Red Cross/American Heart Association: Basic Life Support (BLS)
American Red Cross/American Heart Association: Cardiopulmonary Resuscitation (CPR)
American Red Cross/American Heart Association: Cardiopulmonary Resuscitation (CPR) (Infant/Child)
American Red Cross/American Heart Association: FirstAid
American Red Cross/American Heart Association: Pediatric Advanced Life & Support (PALS)
CareerSafe: OSHA Safety Certification (10 Hour)
KS Dept. for Aging & Disability Services: Certified Medical Aide (CMA)
KS Dept. for Aging & Disability Services: Home Health Aide
KS Emergency Medical Services Association: Emergency Medical Responder (EMR) (First Responder)
National Consortium for Health Science Education: National Health Science Assessment
National Health Career Association/National Center for Competency Testing: American Medical Certification Association EKG/ECG/ECT Technician
NC3: Data Analytics/Harnessing the Power of Data
NHA/AMCA: Certified Patient Care Technician (CPCT/A)

NCAA Eligibility Requirements

If you plan to compete in college athletics at an NCAA school, it is important to understand the academic requirements and begin planning early. The requirements are different for **Division I, Division II, and Division III** schools.

Division I - To be eligible to practice, compete, and receive athletics aid during your first year at an NCAA Division I school, you must:

- **Graduate from high school.**
- Complete **16 NCAA-approved core courses**.
- Earn a minimum **2.3 GPA in your NCAA-approved core courses**.
- Meet the **10/7 requirement:** Complete 10 of your 16 core courses, including **7 in English, math, or science**, before the beginning of your seventh semester (senior year).
- Have your **final official transcript and proof of graduation** submitted to the NCAA Eligibility Center.
- Complete the NCAA's required **academic and athletics certification** process.

Important: The NCAA no longer requires a minimum ACT or SAT score for Division I initial eligibility.

Division II - To be eligible to practice, compete, and receive athletics aid during your first year at an NCAA Division II school, you must:

- **Graduate from high school.**
- Complete **16 NCAA-approved core courses**.
- Earn a minimum **2.2 GPA in your NCAA-approved core courses**.
- Have your **final official transcript and proof of graduation** submitted to the NCAA Eligibility Center.
- Complete the NCAA's required **academic and athletics certification** process.

Important: The NCAA no longer requires a minimum ACT or SAT score for Division II initial eligibility.

Division III - Division III schools have a different process. The NCAA does not set national academic admission standards for domestic Division III student-athletes. Instead, individual Division III colleges and universities establish their own admission and academic eligibility requirements.

Students should contact the Division III school they are interested in to learn about its specific requirements.

NCAA Eligibility Center - Students who plan to compete at an NCAA Division I or Division II school should register with the NCAA Eligibility Center and create an Academic and Athletics Certification account.

Your high school counselor can help you make sure you are taking NCAA-approved core courses and can submit your final official transcript to the Eligibility Center.

NCAA Eligibility Center: https://web3.ncaa.org/ecwr3/

NCAA - Approved Core Classes

English	**Math**	**Science**	**Social Studies**	**Foreign Language**
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/Stats	A&P	Psychology	Spanish IV
College Eng I	College Algebra/Trig	Physics	Current Events	
College Eng II	Trig	Earth & Space Science	Economics	
American Lit I	Calculus			
American Lit II				
Creative Writing				
Film as Literature				
World Literature				
Speech				
Freshman Language Arts				
21st Century Journalism				
Communication Fundamentals				

NAIA Eligibility Requirements

If you plan to compete in athletics at an NAIA college or university, you must graduate from an accredited high school and meet the NAIA's freshman eligibility requirements.

There are **two ways** to meet the academic requirements:

Option 1: Earn a 2.3 or higher cumulative high school GPA OR

Option 2: Meet at least TWO of the following THREE requirements:

1. **Test Score:** Earn a minimum score of **18 on the ACT or 970 on the SAT**.
2. **High School GPA:** Earn an overall high school GPA of at least **2.0 on a 4.0 scale**.
3. **Class Rank:** Graduate in the **top half of your high school class**.

NAIA Eligibility Center

All student-athletes who plan to compete at an NAIA college or university must register with the **NAIA Eligibility Center through PlayNAIA**. The Eligibility Center determines whether a student meets the NAIA's eligibility requirements.

Students should register and begin the eligibility process early. Official transcripts and, when applicable, test scores must be submitted as part of the process.

PlayNAIA: https://play.mynaia.org/

NAIA - Early Decisions for High School Seniors

The NAIA Eligibility Center can review a student's academic record and determine whether they are eligible to compete at an NAIA college before they graduate.

Early Eligibility Requirements:

- **After your junior year:** You may receive an early eligibility determination if you have at least a **3.0 GPA** on a 4.0 scale and meet the required test-score standards.
- **After your 7th semester:** You may receive an early eligibility determination if you have at least a **2.5 GPA** on a 4.0 scale and meet the required test-score standards.
- You must be **registered with the NAIA Eligibility Center** through PlayNAIA.
- Your high school must submit your **official transcript** to the NAIA Eligibility Center.
- Required ACT or SAT scores must be sent directly from the testing agency.

Important: An NAIA early eligibility decision is **not the same as being accepted to a college**. It simply allows the NAIA Eligibility Center to determine your athletic eligibility before you graduate from high school.

Washburn Tech

Washburn Tech, located in Topeka, is a technical college and career-focused institution affiliated with Washburn University. Students who attend Washburn Tech are also **Washburn University students** and may have access to many of the same student privileges and resources as traditional Washburn University students, including health services, recreational facilities, and, in some cases, student housing.

Tuition & Costs - At this time, CTE-approved programs are tuition-free for students who have not yet graduated from high school. However, students and their families are responsible for any additional costs associated with their program, including course fees, books, supplies, tools, equipment, and other non-tuition expenses.

The following programs are **not currently approved for free CTE tuition**:

- Cosmetology
- Culinary Arts
- Graphic Design
- Business

High school students who enroll in one of these programs will be responsible for **the full tuition cost, as well as any applicable fees, books, supplies, or other program-related expenses**.

Transportation - Transportation is provided each morning from Jackson Heights High School to Washburn Tech for participating students.

Students and parents/guardians may also choose to provide their own transportation. In that case, they must complete a **transportation waiver** acknowledging that they are responsible for transportation to and from Washburn Tech.

Washburn Tech Requirements

Washburn Tech programs are open to **Jackson Heights students in their junior or senior year** who meet the following requirements:

- Be **on track to graduate** with a regular high school diploma.
- Have completed **at least half of the credits required for graduation**.
- Have a **minimum 2.0 cumulative GPA**.

Student & Guardian Responsibilities - It is the student's responsibility to complete the Washburn Tech enrollment process, which includes:

1. **Complete the online Washburn Tech application.**
2. **Complete the required recommendation form** and return it to the school counselor's office.
3. **Communicate with the school counselor** to ensure that the required high school transcript and recommendation form are submitted to Washburn Tech.

Students and their guardians are also responsible for **any required material fees, supply costs, or tuition fees** associated with a specific program. Not all Washburn Tech programs are tuition-free for high school students (see above for more details).

Washburn Tech Programs of Study

Washburn Tech has programs lasting from one semester to two full years in a variety of areas. Programs, details, costs, and other information about programs can be located on the Washburn Tech website - www.washurntech.edu

Washburn Tech High School Credit

Students who attend Washburn Tech will receive **0.5 high school credit for each hour they spend at Washburn Tech instead of attending a high school class**, up to the amount allowed for graduation requirements.

Washburn Tech grades do not count toward the student's high school GPA or class rank.

Depending on the student's program, some Washburn Tech coursework may be applied toward specific **Math, English, or Science** graduation requirements based on the most recent recommendations from Washburn Tech.

Important: Credit applied toward a high school graduation requirement does **not necessarily mean that the course will meet requirements for college admission, Kansas Scholars, NCAA eligibility, scholarships, or other external programs and awards.** Students should check with their school counselor before assuming a Washburn Tech course will meet a specific outside requirement.

Scheduling Process

The scheduling process is a **shared responsibility among students, parents/guardians, teachers, and counselors**. Each person plays an important role in providing the information, guidance, and support needed to create an effective educational plan.

Roles in the Scheduling Process - Parents/Guardians provide students with support, encouragement, and valuable insight as they make important decisions about their education and future.

Teachers are an excellent resource for helping students determine whether they have the skills and preparation needed to be successful in a particular course. Teachers can also provide detailed information about course content, expectations, and prerequisites.

Counselors work with students and parents/guardians to develop an overall plan that supports the student's educational, career, and post-secondary goals. Counselors can also help students understand graduation requirements and requirements for college, technical education, scholarships, and athletics.

Students are ultimately responsible for making thoughtful course selections, choosing classes that appropriately challenge them and help develop skills for their future, and ensuring they are taking the courses necessary to meet graduation requirements and their individual post-secondary goals.

Students should be aware of requirements for **Kansas Qualified Admissions, the Kansas Scholars Curriculum, NCAA eligibility, technical education programs, and other post-secondary opportunities** that may apply to their future plans. Students should select courses carefully to ensure they remain eligible for opportunities that are important to them.

Individual Plan of Study - All students in grades 6–12 will meet during Seminar each school year to create or revise their Individual Plan of Study (IPS).

The IPS will follow students throughout their time at Jackson Heights and serve as a guide for planning their high school coursework. Students and parents/guardians can use the IPS to develop a course of study that aligns with the student's **interests, strengths, career goals, and plans after high school**.

Course Planning Guide - This booklet provides brief descriptions of courses offered at Jackson Heights, organized by curriculum area. It also includes:

- Jackson Heights High School graduation requirements
- Recommendations for college-bound students
- Kansas Scholars Curriculum information
- College and university admission requirements
- NCAA athletic eligibility information
- Technical and career education opportunities
- Other information to help students plan for life after high school

Students and parents/guardians are encouraged to review this information carefully when making course selections.

Course Changes - Students should carefully consider their course selections before submitting their course requests. Once schedules are created, changes may be limited due to class size, equipment availability, course prerequisites, graduation requirements, and staffing.

Any request to change a class must be submitted using a **completed Class Change Form**. Forms will be available during the first week of school in August.

There will be a **three-day grace period at the beginning of the school year** and another **three-day grace period at the beginning of the second semester** during which students may request schedule changes.

Outside of these designated periods, schedule changes will generally **not be permitted**. The only exception will be when a teacher requests a change because a student has been incorrectly placed in a course based on their ability level.

Students are encouraged to make thoughtful decisions during the course-request process and to talk with their **parents/guardians, teachers, and counselors** if they have questions about which courses are the best fit for their goals.

Course Flexibility

The **Course Flexibility Policy** gives students the opportunity to use a variety of courses to meet their graduation requirements based on their individual interests, strengths, and post-secondary goals. However, **a single course may only be applied to one graduation requirement at a time**.

For example, a course such as **Natural Resource Management** may be eligible to fulfill a **Science requirement, STEM requirement, or Pathway requirement**. However, the course can only be applied to **one** of these areas—not multiple areas simultaneously.

As students progress through high school, they may adjust their course selections as their interests and future plans develop. The final determination of how courses will be applied toward specific graduation requirements will be made during the student's **7th semester**, typically during the fall of their senior year.

Students can determine which graduation requirement(s) a course may fulfill by reviewing the **Credit Type** listed in the course description. This information helps students understand how each course can contribute to their graduation plan.

If all other graduation requirements have been met, any additional courses a student completes may count toward their **elective credits**. This flexibility allows students to explore courses that interest them while still making progress toward graduation and preparing for their future goals.

COMMUNICATIONS

English Language Arts

Courses Offered:

- Freshman Language Arts
- Communication Fundamentals
- Speech
- English II
- English III
- HCC American Lit 1 and 2*
- English IV
- HCC College English 1 and 2*
- 21st Century Journalism

Course Descriptions

Freshman Language Arts
Course Number – 1028
State Course Number – 10001
Grade Level(s) – 9
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - English
Prerequisites – None
Fees/Tuition – None

Description: English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

Communications Fundamentals
Course Number –1029
State Course Number – 01151
Grade Level(s) – 9
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Communication
Prerequisites – None
Fees/Tuition – None

Description: Public Speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large

group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

College Speech
Course Number – 1019
State Course Number -01151
Grade Level(s) – 11-12
Course Length – Semester
High School Credit Hours – ½ Credit Per Semester
Credit Type - Communication
College Credit Hours – 3
Prerequisites – none
Fees/Tuition – Highland Community College Rates

Description: 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.

English II
Course Number – 1001
State Course Number – 01002
Grade Level(s) – 10
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - English
Prerequisites – Freshman Language Arts
Fees/Tuition – None

Description: English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

English III
Course Number – 1009
State Course Number – 01003
Grade Level(s) – 11
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - English

Prerequisites – English I, English II
Fees/Tuition – None

Description: English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

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
Credit Type - English
Prerequisites – English I, B or better in English II
Fees/Tuition – None

Description: American Literature courses focus upon commonly-known American authors and their work. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are often required.

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

Description: English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

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 Credit Per Semester
College Credit Hours – 3 (can take for high school credit only and not have HCC costs)

Credit Type - English
Prerequisites – English I, English II
Meet one of the following:

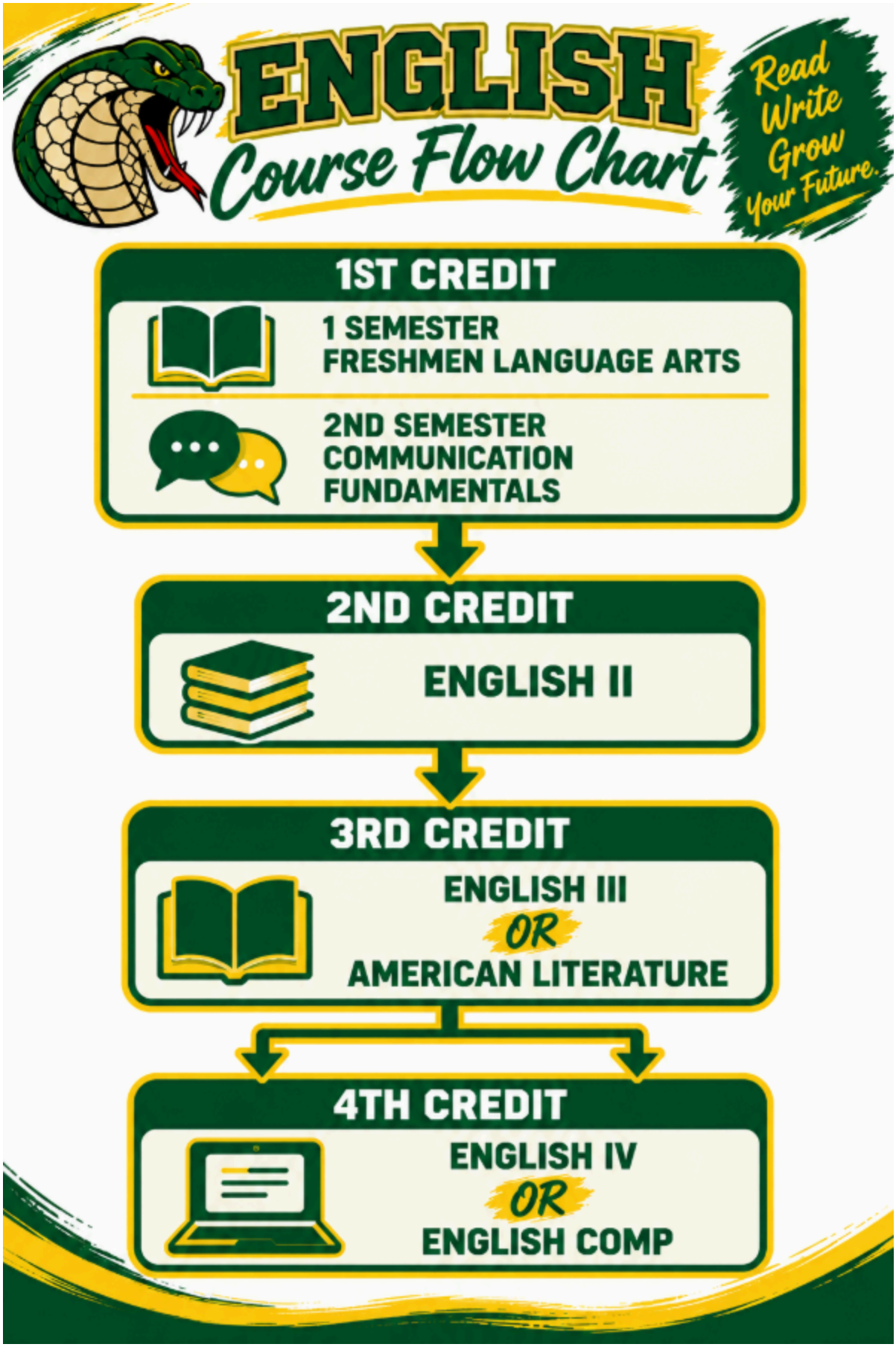
- 3.0 GPA after 5 semesters or 2.7 GPA after 5 semesters + B or better (not B-) in most recent high school English course
- 18 on the ACT or 16 on the ACT + B or higher (not B-) in most recent high school English course
- 255+ Reading and Writing on the Accuplacer

Fees/Tuition – HCC Rates

Description: College English 101 and 102 are each dual credit semester courses that are taught in conjunction with Highland Community College. The major emphasis is on improving the ability to organize and express thoughts clearly and effectively. The first semester (ENGL 101) is a survey composition course. Formal writing assignments in the MLA format, such as analysis, comparison and contrast, process, personal reflective, narrative and persuasive essays, make up the majority of the course content. The writing process, including research, editing, revision and source citation, both formal and informal, are discussed. The second semester (ENGL 102) is a literature and composition course in which major works from ancient Greece to the modern day are read and discussed. These works form the basis of the writing assignments for the second semester, building upon the skills developed the previous semester.

21st Century Journalism
Course Number – 1027
State Course Number – 30100
Grade Level(s) – 9-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - English
Prerequisites – ENG I or FLA + Teacher approval required
Fees/Tuition – None

Description: 21st Century Journalism promotes the development of the skill set needed today and in the future. Topics include an exploration of the role media and the communications industry has in society, the development of the technical skills related to journalistic writing and interviewing, as well as understanding the ethical and legal issues related to the field.


ENGLISH
Course Flow Chart
Read
Write
Grow
Your Future.
1ST CREDIT
1 SEMESTER
FRESHMEN LANGUAGE ARTS
2ND SEMESTER
COMMUNICATION
FUNDAMENTALS
2ND CREDIT
ENGLISH II
3RD CREDIT
ENGLISH III
OR
AMERICAN LITERATURE
4TH CREDIT
ENGLISH IV
OR
ENGLISH COMP

SCIENCE

Courses Offered

- Biology
- Anatomy and Physiology
- Chemistry
- Physics
- Environmental Resources and Wildlife Sciences
- Natural Resource Management
- Introduction to Healthcare
- Medical Terminology
- Nutrition & Dietetics
- Health Care Work Experience

Course Descriptions

Biology
Course Number – 1202
State Course Number – 03051
Grade Level(s) - 10
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Science
Prerequisites – Physical Science/Earth & Space Science
Fees/Tuition – None

Description: Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Chemistry
Course Number – 1204
State Course Number – 03101
Grade Level(s) 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Science or STEM
Prerequisites – Physical Science, Biology and currently enrolled in or previously passed Alg II
Fees/Tuition – None

Description: Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

Anatomy and Physiology
Course Number – 1203
State Course Number – 03053
Grade Level(s) 10- 12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Science or STEM
Prerequisites – Biology & Introduction to Health Care
Fees/Tuition – None

Description: Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

Physics
Course Number – 1206
State Course Number – 03151
Grade Level(s) 11-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Science or STEM
Prerequisites – Biology, Geometry (Final grade B or better) + Teacher Approval
Fees/Tuition – None

Description: Physics courses involve the study of the forces and laws of nature affecting matter, such as kinematics, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

Environmental Resources and Wildlife Sciences
Course Number – 1210
State Course Number – 37506
Grade Level(s) 11-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Science, CTE, STEM
Prerequisites – Physical Science/Earth & Space Science and Biology
Fees/Tuition – None

Description: Courses combine the fields of ecology & 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 & uses, such as hunting or fishing preserves, forest production and management, wildlife ID, production and/or ecosystems management and preservation, and human outdoor recreation.

Natural Resource Management
Course Number – 1214
State Course Number – 18504
Grade Level(s) 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Science, CTE, STEM
Prerequisites – Biology
Fees/Tuition – None

Description: 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.

Introduction to Health Care
Course Number – 1235
State Course Number – 14000
Grade Level(s) – 9-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Science and CTE
Prerequisites – NA
Fees/Tuition: None

Description: Provides students with the basic knowledge of health/wellness professionals in private business and industry, community organizations, and health care settings. Includes instruction in personal health, community health and welfare, nutrition, epidemiology, disease prevention, fitness and exercise, and health behaviors.

Medical Terminology
Course Number – 1236
State Course Number – 14154
Grade Level(s) – 9-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Science and CTE
Prerequisites – Introduction to Health Care
Fees/Tuition: None

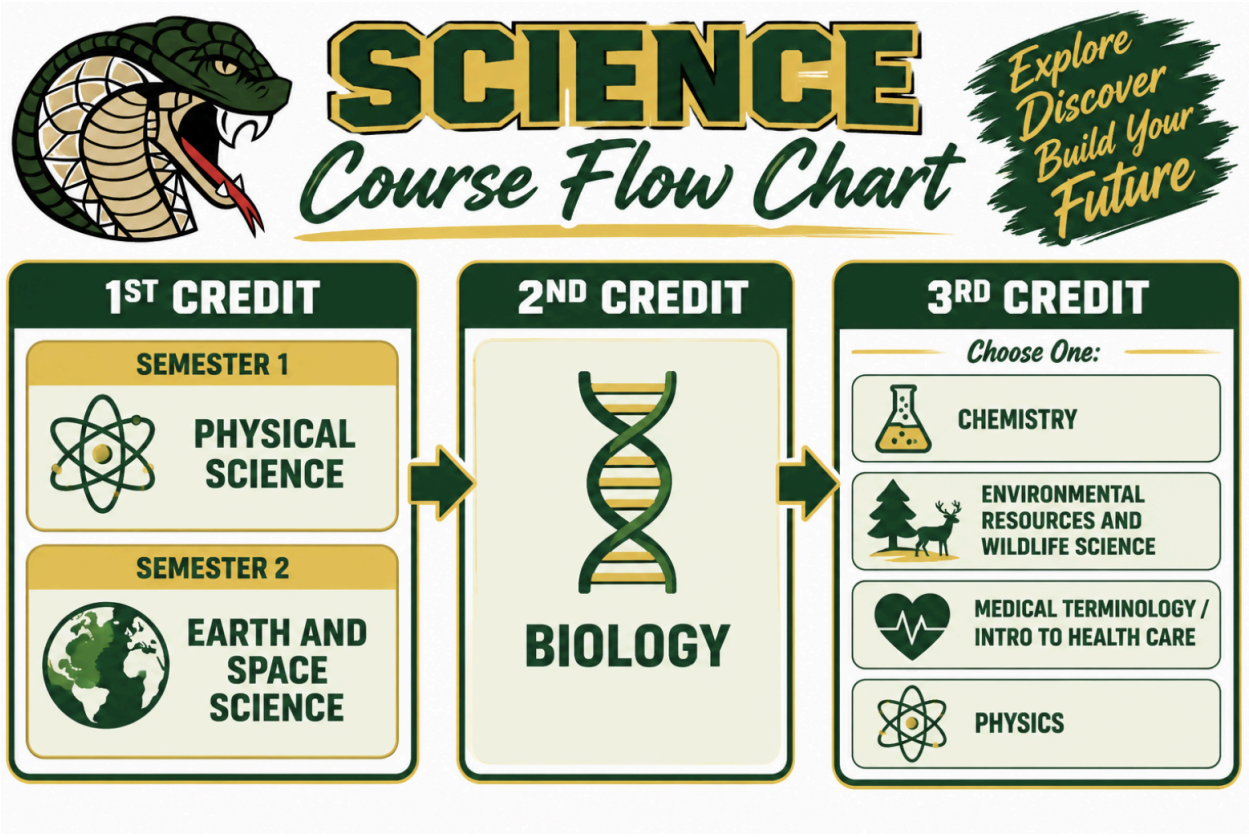
Description: In Medical Terminology courses, students learn how to identify medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions.

Nutrition & Dietetics
Course Number – 1621
State Course Number – 19253
Grade Level(s) – 10-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – Intro to Health
Fees/Tuition: None

Description: This course will examine components of interpersonal and intrapersonal well-being. Students will prepare for careers related to nutrition and wellness concepts by taking an in-depth look at various types of diets, nutrition information, and disease prevention to identify and apply healthy practices for a lifetime of wellness. Additionally, students will explore a variety of physical activities.

Health Care Work Experience
Course Number – 1240
State Course Number – 36992
Grade Level(s) – 12th
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – All intro and technical level health science courses, plus teacher approval
Fees/Tuition: None

Description: Health Care Work Experience I provides students with hands-on learning opportunities in real-world health care settings while exploring careers in the health care industry. Students will gain practical workplace experience, develop professional skills, and learn about the responsibilities and expectations of health care professionals. Students will work with an approved community employer or health care facility and connect their workplace experiences to classroom learning and future career goals.


SCIENCE
Course Flow Chart
Explore
Discover
Build Your
Future
1ST CREDIT
SEMESTER 1
PHYSICAL SCIENCE
SEMESTER 2
EARTH AND SPACE SCIENCE
2ND CREDIT
BIOLOGY
3RD CREDIT
Choose One:
CHEMISTRY
ENVIRONMENTAL RESOURCES AND WILDLIFE SCIENCE
MEDICAL TERMINOLOGY / INTRO TO HEALTH CARE
PHYSICS

MATH

Courses Offered

- Intermediate Math
- Algebra I
- Geometry
- Consumer Math
- Algebra II
- HCC Statistics*
- HCC College Algebra
- Calculus

Courses

Intermediate Math

Course Number – 1128
State Course Number –02002
Grade Level(s) – 9
Length of Course – Year
Course Length – ½ Credit Per Semester
Credit Type - Math
Prerequisites – None
Fees/ Tuition – None

Description: General Mathematics courses reinforce and expand students' foundational mathematic skills, such as arithmetic operations using rational numbers; area, perimeter, and volume of geometric figures, congruence and similarity, angle relationships, the Pythagorean theorem, the rectangular coordinate system, sets and logic, ratio and proportion, estimation, formulas, solving and graphing simple equations and inequalities.

Algebra I

Course Number – 1103
State Course Number – 02052
Grade Level(s) – 9
Length of Course – Year
Course Length – ½ Credit Per Semester
Credit Type - Math
Prerequisites – None
Fees/ Tuition – None

Description: Algebra I is a course designed to introduce students to the fundamentals of Algebra, help them develop problem solving skills, and prepare them for more advanced courses in the math curriculum. Topics include: properties of real numbers, solving equations and inequalities, proportions, functions, linear equations, systems of linear equations, and inequalities, polynomials, exponents, factoring, and quadratic equations.

Geometry
Course Number – 1104
State Course Number – 02072
Grade Level(s) – Year
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Math
Prerequisite – Algebra I
Fees – None

Description: Geometry is a course offering a more in-depth look at the properties of geometry and their applications as well as formal proof. This course helps develop critical thinking skills and provides a stepping stone toward more advanced math.

Consumer Math
Course Number – 1113
State Course Number – 02157
Grade Level(s) – 11
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Math
Prerequisites – Algebra I and Geometry
Fees/ Tuition – None

Description: Consumer Math courses reinforce general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

Algebra II
Course Number – 1105
State Course Number – 02056
Grade Level(s) – 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Math or STEM
Prerequisite – Algebra I and Geometry
Fees – None

Description: Algebra II is a course designed for students pursuing post-secondary education or for a student desiring to enter the industrial technology area in a math related field. Algebra II takes a more in-depth look at the topics of Algebra I and covers more advanced topics such as: complex numbers, rational and radical equations, polynomial functions, exponential and logarithmic functions, and an introduction to series, sequences, and trigonometry.

HCC College Statistics*
Course Number – 8032
State Course Number – 02205
Grade Level(s) – 11-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Math or STEM
Prerequisites – 3.0 GPA + 2nd semester Alg II C- or higher OR 19+ ACT Math
Fees/ Tuition – HCC rates

Description: Statistics courses involve the major concepts and methods used to collect, analyze, and draw conclusions from data. Topics typically include populations and samples, measures of central tendency and variability, hypothesis testing, presentation, and making statistical inferences.

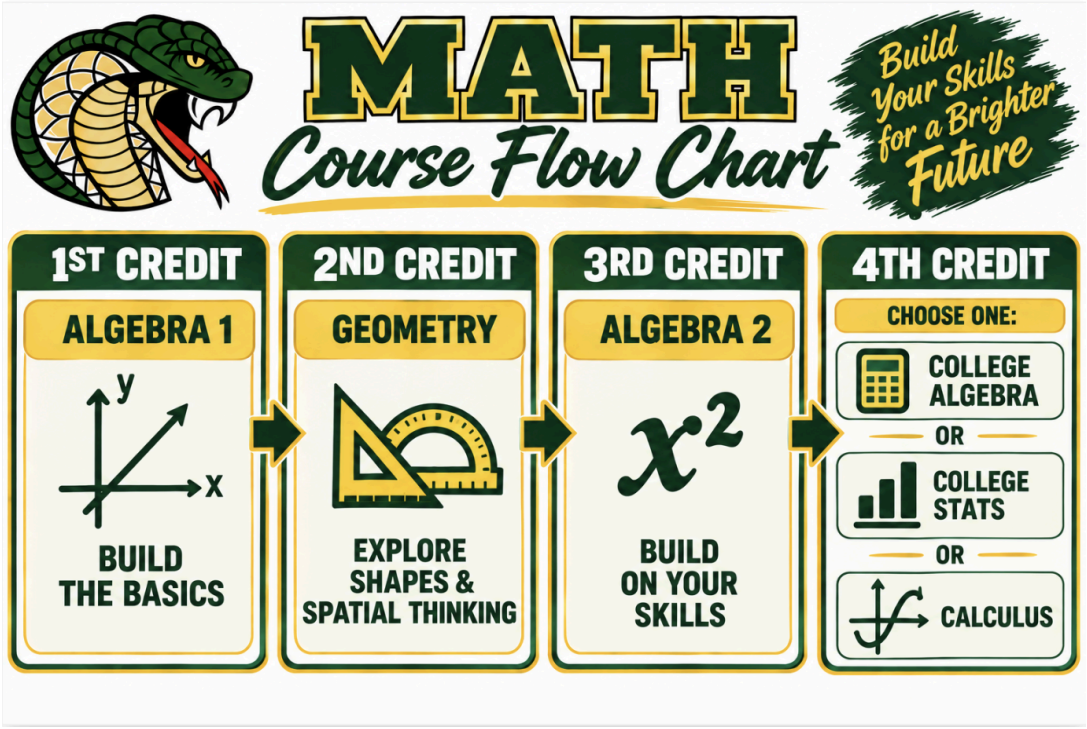
HCC College Algebra*
Course Number – 8039
State Course Number – 02059
Grade Level(s) – 11-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Math or STEM
Prerequisites – 3.25 GPA + 2nd semester Algebra II B- or higher OR 22+ on ACT Math
Fees: HCC rates

Description: This course addresses a variety of mathematical topics needed to prepare students for success in college-level mathematics. Mathematics topics include: numeracy; manipulating and evaluating expressions and formulas; rates, ratios, and proportions; percentages; solving tables; verbal, algebraic, and graphical interpretations of functions; rational expressions; solving systems of linear and quadratic equations; properties of higher degree equations; and operations with rational exponents. The course was developed to align with both the Kansas College and Career Readiness Standards and the developmental math outcomes of the Kansas Board of Regents.

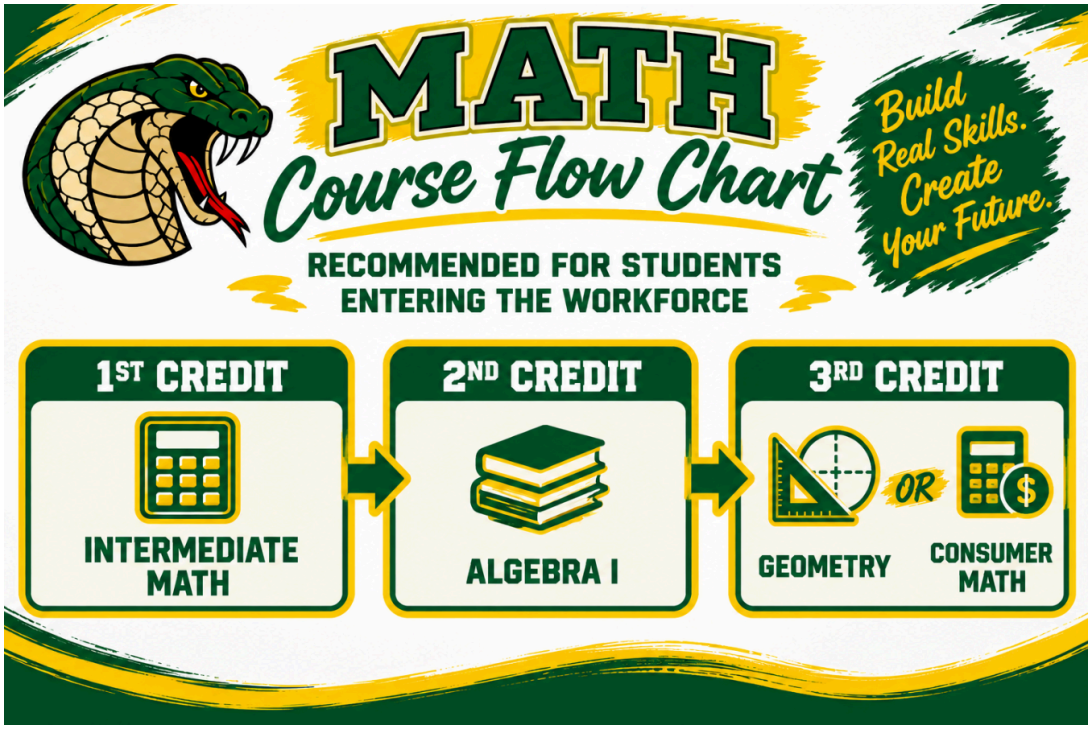
Calculus*
Course Number – 1120
State Course Number – 02121
Grade Level(s) – 11-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Math or STEM
Prerequisites – Algebra I, Geometry, Algebra II, College Algebra
Fees/ Tuition – None

Description: Calculus is a course designed for students pursuing post-secondary education or for a student desiring to enter the industrial technology area in a math-related field.

College Bound Recommended Course Work



Non-College Bound Recommended Course Work



STEM

Courses Offered: The courses listed below are designed to satisfy the requisite one credit hour of STEM (Science, Technology, Engineering, and Mathematics) requirements. Please refer to the detailed course descriptions in the primary area of interest for more information on each course's content and alignment with STEM criteria.

- Anatomy and Physiology
- Chemistry
- Physics
- Environmental Resources and Wildlife Sciences
- Natural Resource Management
- Introduction to Healthcare
- Algebra II
- Statistics
- HCC College Algebra/Trig
- Calculus
- Web Design
- Digital Media Technology
- Digital Media Project Management
- Carpentry

SOCIETY & HUMANITIES

Social Studies: 3 Credits
Fine Arts: 1 Credit

SOCIAL STUDIES

Courses Offered

- World History
- Modern U.S. History
- American Government
- Psychology
- HCC College Psychology
- Current Events
- Sports History

Course Descriptions

World History
Course Number – 1316
State Course Number – 04051
Grade Level(s) – 9-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Social Studies
Prerequisites – None
Fees/Tuition – None

Description: This course will cover the assessed standards required by the Kansas State Department of Education. Topics covered for the year will include physical and human criteria used to define a region, geographic factors that influence world trade and interdependence, how technologies have modified the physical environment of various cultures, evaluates demographic data to analyze population over time, and analyzes push-pull factors including economic, political, and social factors that contribute human migration. One nine weeks will include a unit of Kansas History.

Modern U.S. History
Course Number – 1319
State Course Number – 04103
Grade Level(s) – 9-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Social Studies
Prerequisites – None
Fees/ Tuition – None

Description: 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 and 21st Centuries. Through a combination of engaging lessons, interactive activities, and thought-provoking discussions, students will develop a deep understanding of the key events, individuals, and ideas that have shaped the nation.

American Government
Course Number – 1301
State Course Number – 04151
Grade Level(s) – 12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Social Studies
Prerequisites – World History, U.S. History
Fees/Tuition – None

Description: This course is designed to provide students with the opportunity to study the political arena and public affairs. The course examines the development of constitutional principles and issues such as civil liberties, the role of political parties, and the structure and functioning of the legislative, executive, and judicial branches of the national government of the United States.

Psychology
Course Number – 1305
State Course Number – 04254
Grade Level(s) – 12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Social Studies
Prerequisites – World History & US History
Fees/Tuition – None

Description: The class is designed to give the student a basis for understanding of human behavior. Topics covered include: Learning Principles and Applications, Memory and Thought, Workings of the Mind and Body, The Life Span, Personality and Individuality, Behavioral Disorders, Adjustment and Breakdown, and Human Relations.

HCC College Psychology
Course Number – 8005
State Course Number - 04254
Grade Level(s) – 11-12
Course Length – Semester
High School Credit Hours – 0.5 Credit Per Semester
Credit Type - Elective
College Credit Hours – 3 credit hours
Prerequisites – None
Fees/Tuition – HCC rates

Description: Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

Current Events:
Course Number – 1309
State Course Number – 04106
Grade Level(s) – 9-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Social Studies
Prerequisites – None
Fees/Tuition – None

Description: Contemporary U.S. Issues courses study the political, economic, and social issues facing the United States, with or without an emphasis on state and local issues. These courses may focus on current issues or may examine selected issues that span throughout the 20th century to the present.

Sports History:
Course Number –1321
State Course Number – 04109
Grade Level(s) – 9-12
Course Length –Spring Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Social Studies
Prerequisites – None
Fees/Tuition – None

Description: Sports history explores the complex and ever changing nature of sports from its creation and inception, to its current day status. We will seek to identify how sports has evolved from its beginnings, to the billion dollar and global industry that it is today. These courses examine a particular topic in U.S. History, such as particular time periods in the history of the United States, or they may focus on the history of particular U.S. regions rather than provide an overview of the subject.

FINE ARTS

Courses Offered

- Art I
- Band
- Jazz Ensemble
- Ceramics
- Art for Schools
- Drama
- Forensics

Course Descriptions

Art I
Course Number – 1451
State Course Number – 05151
Grade Level(s) – 9-12
Course Length –1 Year
Credit Hours – ½ Credit Per Semester
Credit Type - Fine Arts
Prerequisites – None
Fees/Tuition – None

Description: Art Appreciation courses introduce students to the many forms of art and help them form an aesthetic framework through which they can judge and critique art of various ages and cultures. These courses also explore the place and significance of art in our society.

Band
Course Number – 1900
State Course Number – 05101
Grade Level(s) – 9-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Fine Arts
Prerequisites – None
Fees/Tuition – $50 per year if needing to rent an instrument

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.

Ceramics
Course Number - 1412
State Course Number - 05159
Grade Levels – 10-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Fine Arts
Prerequisite – Art I
Fees/Tuition – None

Description: Ceramics/Pottery courses cover the same topics as Creative Art—Comprehensive courses, but focus on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

Jazz Ensemble
Course Number - 1920
State Course Number - 05105
Grade Levels - 9-12
Course Length - Full Year
Credit Hours – ½ Credit Per Semester
Credit Type - Fine Arts
Prerequisite - ⅞ Band or Teacher approval
Fees/Tuition – $50 for band rental if needed

Description: Contemporary Band courses help students develop their techniques for playing brass, woodwind, percussion, and string instruments, as well as guitars and keyboards, focusing primarily on contemporary stage band literature styles, such as traditional jazz, jazz improvisation, and rock.

Art for School
Course Number - 1413
State Course Number - 05157
Grade Levels – 10-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Fine Art
Prerequisite – Art I
Fees/Tuition – None

Description: Creative Art—Painting courses cover the same topics as Creative Art—Drawing/Painting, but focus on painting. In keeping with this attention on two-dimensional

work, students typically work with several media (such as watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

Drama
Course Number - 0125
State Course Number - 05053
Grade Levels - 9-12
Course Length - Semester
Credit Hours – 0.5 Credit Per Semester
Credit Type - Fine Arts
Prerequisite - None
Fees/Tuition - None

Description: Drama—Comprehensive courses are intended to help develop students' experience and skill in one or more aspects of theatrical production. Initial courses are usually introductory in nature, providing an overview of the features of drama such as acting, set design, stage management, and so on. The more advanced courses concentrate on improving technique, expanding students' exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions. These courses may also provide a discussion of career opportunities in the theater.

Forensics
Course Number - 1020
State Course Number - 01152
Grade Levels - 10-12
Course Length - Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Fine Arts
Prerequisite - Freshman Language Arts
Fees/Tuition - None

Description: Forensic competition preparation. This course is designed to develop students' skills in dramatic reading, public speaking, and acting. Students will explore and analyze various genres of literature, poetry, scripts, and monologues. Through intensive practice in vocal modulation, physical expression, and emotional authenticity, students will learn how to effectively bring characters to life and engage audiences with compelling performances. Emphasizing collaboration, creativity, and critical interpretation, this course will prepare students for competitive speech and drama events while fostering a deeper appreciation for the art of storytelling and performance.

EMPLOYABILITY AND LIFE SKILLS

- **Physical Education: ½ credit**
- **Health: ½ Credit**
- **Financial Literacy: ½ Credit**
- **Individual Plan of Study Courses (Pathways) 4 Credits**
- **Career and College Readiness ½ Credit**

PHYSICAL EDUCATION

Courses Offered
- Physical conditioning
- Weights

Course Descriptions

Physical Conditioning
Course Number - 2005
State Course Number - 08005
Grade Levels – 9-12
Course Length – Fall/spring semester
Credit Hours – ½ Credit Per Semester
Credit Type: PE
Prerequisite – None
Fees/Tuition – None

Description: Physical conditioning is designed as a course in which the student learns the various aspects of conditioning including cardiovascular, flexibility, muscular strength and endurance. Weight training will occur 3 days a week in which all major lifts will be charted. On off days, team games may occur. Students will be evaluated on skill development, knowledge of safety aspects, and participation.

Weightlifting
Course Number - 2007
State Course Number - 08009
Grade Levels – 9-12
Course Length – Fall/spring semester
Credit Hours – ½ Credit Per Semester
Credit Type: PE
Prerequisite – None
Fees/Tuition – None

Description: Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning.

Health

Course Offered
- Freshman Health

Freshman Health
Course Number – 1242
State Course Number – 08051
Grade Level(s) – 9
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Health
Prerequisites – None
Fees/Tuition – None

Description: Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

BUSINESS

Pathway Offered
- Business Management and Entrepreneurship
- Marketing

Financial Literacy
Course Number – 1542
State Course Number – 12103
Grade Level(s) – 9-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Financial Literacy
Prerequisites – Business Essentials
Fees/Tuition – None

Description: Finance courses are similar to Banking and Finance courses, but they focus specifically on finance, addressing how businesses raise, distribute, and use financial resources while managing risk. Course content typically involves modeling financial decisions (such as borrowing, selling equity or stock, lending or investing) typically undertaken by businesses.

Business Communications
Course Number – 1544
State Course Number – 12009
Grade Level(s) – 9-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Financial, CTE
Prerequisites – Business Essentials
Fees/Tuition – None

Description: Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating nonverbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real world application.

Business Economics
Course Number – 1531
State Course Number – 12105
Grade Level(s) – 9-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Financial, CTE
Prerequisites – Financial Literacy
Fees/Tuition – None

Description: Business Economics courses integrate 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).

Principles of Marketing
Course Number – 1546
State Course Number – 12164
Grade Level(s) – 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Financial, CTE
Prerequisites – Financial Literacy
Fees/Tuition – None

Description: Principles of Marketing courses offer students insight into the processes affecting the flow of goods and services from the producer to the consumer. Course content ranges considerably as general marketing principles such as purchasing, distribution, and sales are covered; however, a major emphasis is often placed on kinds of markets; market identification; product planning, packaging, and pricing; and business management.

Accounting I
Course Number – 1500
State Course Number – 12053
Grade Level(s) – 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Financial, CTE
Prerequisites – Financial Literacy
Fees/Tuition – None

Description: This class is designed to introduce accounting concepts to the students using manual pencil and paper procedures as well as computerized by taking a look at Microsoft Excel and QuickBooks Pro 2005 software programs. Ten key skills on an electronic calculator as well as a numeric computer pad will also be learned.

Business Law
Course Number – 1535
State Course Number – 12054
Grade Level(s) – 10-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Financial, CTE
Prerequisites – Financial Literacy
Fees/Tuition – None

Description: Business Law 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 the competencies are met.

Entrepreneurship
Course Number – 1511
State Course Number – 12053
Grade Level(s) – 10-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Financial
Prerequisites – Financial Literacy, CTE
Fees/Tuition – None

Description: Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance

and accounting, and communication. Several topics surveyed in Business Management courses may also be included.

Business Management
Course Number- 1538
State Course Number – 12052
Grade Level(s) – 10-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Financial, CTE
Prerequisites – Financial Literacy
Fees/Tuition – None

Description: Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

Applied Business Development
Course Number- 1540
State Course Number – 32200
Grade Level(s) – 11-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Financial, CTE
Prerequisites – Financial Literacy
Fees/Tuition – None

Description: Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risks involved. Students will develop skills in enterprise development, market analysis and financial preparation. These courses include classroom activities as well as involving further study of the field and discussion regarding real-world experiences and applications that students encounter in owning and managing a business.

Business Management & Entrepreneurship Workplace Experience
Course Number- 1541
State Course Number – 12098
Grade Level(s) – 11-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Financial, CTE
Prerequisites – Financial Literacy

Fees/Tuition – None

Description: Application Level: Business Management Workplace Experience courses provide students with work experience in fields related to business management. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. Students are able to take Business Management Workplace Experience as a .5 credit course or year-long 1 credit course for a more in-depth study of the business management industry.

Marketing Applications
Course Number- 1539
State Course Number – 35300
Grade Level(s) – 11-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Financial, CTE
Prerequisites – Financial Literacy
Fees/Tuition – None

Description: Marketing Applications furthers student understanding and skills in the various marketing functions. Students coordinate channel management with other marketing activities, discuss the nature of marketing plans, generate product ideas, coordinate activities in the promotional mix, and demonstrate specialized sales processes and techniques. Economic and financial concepts are also stressed throughout the course. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course along with four projects.

Marketing Management
Course Number- 1536
State Course Number – 12166
Grade Level(s) – 11-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Financial, CTE
Prerequisites – Financial Literacy
Fees/Tuition – None

Description: Marketing Management courses typically cover the same scope of topics as Marketing— Comprehensive courses (purchasing and distribution systems; advertising and sales; and so on) but place a particular emphasis on business management and entrepreneurship, providing exposure to common techniques and problems of management.

COMPUTER TECHNOLOGY

Web Design
Course Number – 1409
State Course Number – 10201
Grade Level(s) – 10-12
Course Length – Year
Credit/Credit Hours – ½ Credit Per Semester
Credit Type - STEM, CTE
Prerequisites – None
Fees/Tuition – None

Description: Web Page Design courses teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages—such as Extensible Hypertext Markup, JavaScript, Dynamic HTML, and Document Object Model—to develop and maintain a web page. These courses may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet. Advanced topics may include the use of forms and scripts for database access, transfer methods, and networking fundamentals.

Digital Media Technology
Course Number – 1523
State Course Number – 30104
Grade Level(s) – 9-12
Course Length – Year
Credit/Credit Hours – ½ Credit Per Semester
Credit Type - STEM or Pathway
Prerequisites – Prior approval from instructor

Description: Digital Media Technology teaches the technical skills needed to work with electronic media. Topics include exploring the use of digital imaging and video today and in the future, a study of the relationship of work flow to project planning and completion and the software, equipment and tools used in the industry.

Digital Media Project Management
Course Number – 1524
State Course Number – 31091
Grade Level(s) – 10-12
Course Length – Year
Credit/Credit Hours – ½ Credit Per Semester
Credit Type - STEM or Pathway
Prerequisites – Prior approval from instructor/Digital Media Technology
Fees/Tuition – None

Description: This course gives students an opportunity to apply the skills obtained in technical level digital media courses in a project-oriented environment. Local Education Agencies are encouraged to develop Personalized Learning coursework representative of explicit objectives measured against specific target employment skills that are not available in other courses. These competencies should be enumerated. Competencies may reflect the particular work environment, workplace experience and/or the essential skills addressed reflective of previous coursework.

AGRICULTURE

Pathways Offered

- Ag Technology and Mechanical Systems
- Animal Science, Health and Related Industries
- Diversified Agriculture Science
- Plant Science and Industry Operations

Courses Offered

- Agri Science
- Animal Science
- Ag Mechanics
- Advanced Ag Mechanics
- Agribusiness Management
- Horticulture, Floriculture, and Greenhouse Management
- Horticulture
- Ag Leadership and Communications
- Natural Resource Management
- Animal Health/Vet Tech

Agri Science

Course Number – 2108
State Course Number – 18002
Grade Level(s) – 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – None
Fees/Tuition – None

Description: Agriculture—Comprehensive courses cover a wide range of agricultural topics, including plant and animal science, production, and processing; agricultural mechanics, including tool and machine operation and repair; construction and repair of farm structures; business operations and management; and the careers available in the agricultural industry. They may also include topics such as chemical and soil science, ecology, agricultural marketing, and veterinary science.

Animal Science
Course Number – 2101
State Course Number – 18101
Grade Level(s) – 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – Agriscience
Fees/Tuition – None

Description: In this course students will learn about the earth and how it relates to agriculture. Students will also learn about animal physiology and reproductive systems as well as financial practices to make them successful in the agricultural world.

Horticulture
Course Number – 2154
State Course Number – 18052
Grade Level(s) – 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – Agriscience
Fees/Tuition – None

Description: 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.

Horticulture, Floriculture, and Greenhouse Management
Course Number – 2155
State Course Number – 18057
Grade Level(s) – 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – Agriscience, Horticulture
Fees/Tuition – None

Description: Plant Identification and floral design are necessary knowledge skills along with the selection of greenhouse plants and management of greenhouses for production of plants and flowers in the industry.

Natural Resource Management
Course Number – 1214
State Course Number – 18504
Grade Level(s) – 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - CTE, Science, STEM
Prerequisites – Agriscience
Fees/Tuition – None

Description: 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.

Ag Mechanics
Course Number – 2116
State Course Number – 18401
Grade Level(s) – 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – Agriscience
Fees/Tuition – $30

Description: 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 Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – Agriscience, Ag. Mechanics
Fees/Tuition – $30

Description: Students will be expected to know how to use MIG and oxyacetylene welders. Students will also assemble and disassemble small gas engines.

Agri Business Management
Course Number – 2107
State Course Number – 18201
Grade Level(s) – 11-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – Agriscience
Fees/Tuition - None

Description: 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.

Animal Health / Vet Tech
Course Number – 1234
State Course Number – 18105
Grade Level(s) – 11-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – Agriscience
Fees/Tuition - $30

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

Description: Agricultural Leadership courses help students develop leadership skills with a focus on opportunities in the food, fiber, and natural resources industries. Topics may include but are not limited to human relationships and effective communication, decision-making and problem-solving, leadership qualities and styles, and ensuring successful completion of group activities.

FAMILY AND CONSUMER SCIENCES

Pathway Offered
- Family, Community & Consumer Services

Courses Offered
- Nutrition and Dietetics
- Human Growth and Development
- Family Studies
- Culinary Essentials

Nutrition and Dietetics
Course Number – 1621
State Course Number – 19253
Grade Level(s) – 9-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – None
Fees/Tuition – None

Description: This course will examine components of interpersonal and intrapersonal well-being. Students will prepare for careers related to nutrition and wellness concepts by taking an in-depth look at various types of diets, nutrition information, and disease prevention to identify and apply healthy practices for a lifetime of wellness. Additionally, students will explore a variety of physical activities.

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
Credit Type - Pathway
Prerequisites – None
Fees/Tuition – None

Description: Human Growth and Development A provide 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 – 19255

Grade Level(s) – 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Pathway
Prerequisites – None
Fees/Tuition – None

Description: The Family Studies course explores the roles and responsibilities of parents such as how society, media, technology and diversity impact their ability to balance work and family. It also includes the development of children and parents as their earliest teacher. Parenting styles and family stages are explored as is the changing demographics which will change the face of the US family. Parenting and behavior guidance skills are strengthened through a study of positive family relationships, child abuse and neglect, safety, and health practices. Occupations related to meeting the needs of families will be analyzed. This course will promote the creation of healthy and sustainable families be they their own or those they work with.

Culinary Essentials
Course Number – 5555
State Course Number – 16052
Grade Level(s) – 10-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - Pathway
Prerequisites – Nutrition and Wellness
Fees/Tuition – $30

Description: 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.

WORLD LANGUAGE

Courses Offered

- Spanish I
- Spanish II

Course Descriptions

Spanish I
Course Number – 1704
State Course Number - 06101
Grade Levels – 9-12
Course Length – Year
Credits – ½ Credit Per Semester
Credit Type - Foreign Language/Elective
Prerequisites – None
Fees – None

Description: Students will read, write, and speak about their world, including their interests, school life, family, friends, and self. They will be able to ask for and understand basic information in Spanish. In addition, this course will seek to enhance awareness of the diverse cultures of the Spanish-speaking world.

Spanish II
Course Number – 1705
State Course Number - 06102
Grade Levels – 10-12
Course Length – Year
Credits – ½ Credit Per Semester
Credit Type - Foreign Language/Elective
Prerequisites – Spanish I
Fees: None

Description: Students will build on skills acquired in Spanish I and will work toward building a greater fluency in the Spanish language. Spoken and written language will progress from the short sentence level to a more cohesive paragraph level, which will include past tense narration.

ELECTIVES

Courses Offered

- Vo-Tech (5 credits for a full year)
- HCC Online
- Teacher Aide
- ACT Prep
- Sports Officiating
- College & Career Readiness
- Carpentry I
- Carpentry II

College and Career Readiness
Course Number – 1050
State Course Number – 22270
Grade Level(s) – 10-12
Course Length – Semester
Credit Hours – ½ Credit Per Semester
Credit Type - CTE
Prerequisites – None
Fees/Tuition – None

Description: The College and Career Readiness course with Naviance is designed to empower students with the essential skills and knowledge needed to navigate the transition from high school to post-secondary options successfully. Through the comprehensive Naviance platform, students will learn invaluable tips and tricks for exploring post-secondary pathways, including colleges, universities, vocational programs, and apprenticeships. They will also gain insights into writing scholarships, conducting college exploration based on their interests and preferences, participating in job shadowing experiences, building impressive resumes, and mastering the art of mock interviews. This course aims to equip students with the tools and confidence necessary to make informed decisions about their future education and career paths, ultimately ensuring their success in college and beyond.

Carpentry I
Course Number – 1808
State Course Number – 17002
Grade Level(s) – 9-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - CTE, STEM
Prerequisites – NA
Fees/Tuition – $30

Description: Construction—Comprehensive courses provide students with basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and

training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance.

Carpentry II
Course Number – 1809
State Course Number – 38002
Grade Level(s) – 9-12
Course Length – Year
Credit Hours – ½ Credit Per Semester
Credit Type - CTE, STEM
Prerequisites – NA
Fees/Tuition – $30

Description: An advanced comprehensive course designed to instruct students in skills pertaining to rough construction and finish work. Carpentry II builds upon the foundational skills acquired in Carpentry I, offering high school students an advanced exploration into the craft of woodworking and construction. This course emphasizes mastery of techniques such as joinery, cabinetmaking, framing, and advanced carpentry machinery operation. Students delve into blueprint interpretation, project planning, and material selection, honing their ability to create intricate woodwork and functional structures. Through hands-on projects and real-world applications, students develop a deep understanding of safety procedures, craftsmanship standards, and problem-solving strategies essential for success in the construction industry or further studies in woodworking.

Washburn Tech
Course Number – 2200
State Course Number – 22152
Grade Level(s) – 11-12
Course Length – Semester
Credit Hours – 2.5 credit hours per semester
Credit Type - Elective (Math, Science, and/or Reading as determined by each program)
Prerequisites – 2.0+ GPA and on track to graduate
Fees/Tuition – Washburn Tech Fees

Description: 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.

Teacher Aide
Course Number – 2300
State Course Number -22054
Grade Level(s) – 11-12
Course Length – Year
Credit Hours – 0.5 Credit Per Semester
Credit Type - Elective
Prerequisites – GPA of at least 3.0
Fees/Tuition – None

Description: 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.

Sports Officiating:
Course Number – 2014
State Course Number – 08013
Grade Level(s) – 9-12
Course Length –Fall Semester
Credit Hours – ½ Credit Per Semester
Credit Type - Elective
Prerequisites – none
Fees/Tuition – Completion Officiating Obligation

Description: Courses in Specific Sports Activities help students develop knowledge, experience, and skills in a single sport or activity (such as basketball, volleyball, track and field, and equestrian events) other than those coded within this section. (Dance is included under the Fine and Performing Arts subject area.)

Junior and senior students may enroll in any online college course offered through Highland Community College if they choose. Students are responsible for applying to HCC, enrolling in the course, and paying any associated fees. Students will have a designated time in their school schedules to work on their online college courses during the school day.

Please note: Weighted courses are limited to concurrent college courses taught by our high school teachers.