



 HILL COLLEGE

Kids COLLEGE

2024

Course Catalog

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Kids College Pathway Course Catalog Contents

Contents

Arts and Humanities	3
HCKK 1015 Adventures in Reading (1 st – 8 th) offered on the HCC campus.....	3
HCKK 1007 American Sign Language (1 st – 8 th) offered on the HCC and JCC campuses.....	3
HCKK 1008 Art of Art (1 st - 8 th) offered on the HCC and JCC campuses	3
HCKK 1009 History Made Fun (5 th -6 th) offered on the HCC campus - Morning Only.....	3
HCKK 1011 Kids Choir (1 st - 8 th) offered on the HCC campus – Afternoon Only.....	4
HCKK 1012 Let’s Put on a Show! (1 st - 8 th) offered on the HCC and JCC campuses.....	4
HCKK 1013 Needlecraft Arts (1 st – 8 th) offered on the HCC, JCC, BHEC(6 th -8 th) campuses.....	5
HCKK 1014 Reading Enrichment (1 st - 8 th) offered on the JCC campus.....	5
HCKK 1016 Spanish for Kids (1 st – 8 th) offered on the HCC and JCC campuses	5
HCKK 1017 Welcome to the Real World! (6 th - 8 th) offered on the HCC, JCC, BHEC campuses -Morning Only	5
HCKK 1018 Writing with Creativity (1 st – 8 th) offered on the JCC, HCC, and BHEC(6 th -8 th) campuses.....	6
STEM.....	6
HCKK 1051 Back Yard Habitats (1 st -8 th) offered on the JCC campus	6
HCKK 1020 Baseball Basics (1 st - 8 th) offered on the HCC campus	6
HCKK 1021 Basketball Bombers (1 st - 8 th) offered on the HCC campus	7
HCKK 1052 Creatures of the Night (6 th -8 th) offered on the BHEC campus	7
HCKK 1022 Cyber Kids (1 st - 8 th) offered on the HCC, JCC, and BHEC(6 th -8 th) campuses.....	7
HCKK 1023 Environmentally Sound from Macro to Micro (5 th – 8 th) offered at the HCC campus	7
HCKK 1025 Health and Wellness (1 st - 8 th) offered on the HCC campus.....	8
HCKK 1026 Math Blasts (1 st - 8 th) offered on the HCC, JCC, BHEC (6 th -8 th) campuses.....	8
HCKK 1027 Mini Sports (1 st – 8 th) offered on the JCC campus.....	8
HCKK 1028 Permian Playground (1 st - 8 th) offered on the HCC campus	8
HCKK 1030 Soccer (1 st - 8 th) offered on the HCC campus	9
HCKK 1031 Softball Superstars (1 st - 8 th) offered on the HCC campus.....	9
HCKK 1032 Tennis (1 st - 8 th) offered on the HCC campus	9
HCKK 1033 Think like a Botanist (1 st - 8 th) offered on the HCC and JCC campuses.....	10
HCKK 1034 Think like a Scientist (1 st - 8 th) offered on the HCC, JCC, BHEC(6 th -8 th) campuses	10
HCKK 1035 Sand Volleyball (1 st - 8 th) offered on the HCC campus.....	10

HCKK 1038 Ideas to Life with 3D Printing (1st - 8th) offered on the HCC campus10

HCKK 1053 Walk on the Texas Wildside! (1st - 8th) offered on the HCC campus.....11

Health and Public Services..... 11

HCKK 1039 Cosmetology in Action (6th – 8th) offered on the HCC campus11

HCKK 11040 Criminal Law for Beginners (4th - 8th) offered on the JCC campus.....11

HCKK 1054 Experiencing Emergency Medical Services (1st - 8th) offered on the HCC, JCC. and BHEC (6th-8th) campuses.....12

HCKK 1041 Future Nurses (1st - 8th) offered on the HCC ad JCC campuses12

HCKK 1042 Mini Fire Academy (1st - 8th) offered on the HCC campus.....12

HCKK 1043 The Scene of the Crime Forensic Scientist (6th-8th) offered on the BHEC campus.....12

Business and Industry 13

HCKK 1044 Power It Up! (1st - 8th) offered on the HCC and JCC campuses13

HCKK 1045 Rodeo Roundup (1st - 8th) offered on the HCC campus.....13

HCKK 1046 Simple Circuits: Watt’s Up? (5th - 8th) offered on the HCC, JCC, and BHEC (6th-8th) campuses.13

HCKK 1050 Under the Hood (5th- 8th) offered on the JCC campus13

Kids College Pathway Course Catalog

Arts and Humanities

HCKK 1015 Adventures in Reading (1st – 8th) offered on the HCC campus

Let's go on a reading adventure! After listening to an exciting adventure story, we will explore the story through crafts, games, or other hands-on activities. Be prepared for earthquakes, wildfires—even vampire rabbits! Watch out behind you and put those reading skills to the test. Will we survive!

- Make inferences and predictions about text and use textual evidence to support understanding
- Sequence and summarize the plot's main events
- Describe the interaction of characters including their relationships and the changes they undergo
- Identify language that appeals to the senses

HCKK 1007 American Sign Language (1st – 8th) offered on the HCC and JCC campuses

During this course you will learn valuable information about the technique of sign language and the deaf culture. American Sign Language is considered a distinct language in the same way that we distinguish any other spoken languages with another. You will learn how American Sign language was created and how you can communicate with the deaf and hard of hearing community. This is a beginner level course. You will learn the following in this class:

- Identify the reasons and importance of American Sign Language in deaf culture
- How to start and end a conversation in American Sign Language
- Fingerspelling the English alphabet in American Sign Language

HCKK 1008 Art of Art (1st - 8th) offered on the HCC and JCC campuses

Do your children like to express their creative side? This course will encourage each student to explore their own unique, artistic style with age-appropriate projects. Students will have a chance to explore a variety of art. Be sure to wear clothes that can get messy! Students will learn how to do the following:

- Demonstrate knowledge of art elements and design through the production of artistic projects
- Differentiate between the processes and materials used in the production of various works of art by identifying the key elements and techniques

HCKK 1009 History Made Fun (5th-6th) offered on the HCC campus - Morning Only

Students will enjoy history by viewing the movie "Sgt. Stubby an American Hero," Based on a true story, SGT. STUBBY: AN AMERICAN HERO chronicles how a plucky Boston Terrier ends up working himself into the 102nd Infantry Regiment's training grounds in New Haven, Connecticut, in 1917. The charming stray is named Stubby by his new human, young Corporal Robert Conroy who is a member of the Army's 26th (aka "Yankee") Division. Stubby is quickly adopted into the division and becomes its mascot. When the Yankees are deployed to the western front, Stubby hides on the ship with Robert, who is allowed to

keep him during active duty in France. While overseas, Stubby accompanies Corporal Conroy and an older French infantry soldier named Gaston Baptiste to the front, eventually becoming an honorary sergeant for his service (Note: Movie is an animated rated PG). Student will receive a wooden airplane kit to build and fly in class. Students will participate in the following activities to demonstrate understanding:

- Create a project or assignment using historical evidence
- Apply the effects of historical, social, political, economic, cultural, and global forces on United States history
- Build wooden airplane

HCKK 1011 Kids Choir (1st - 8th) offered on the HCC campus – Afternoon Only

Students will learn the importance of voice exercises for singing and vocalizing. They will sing children's songs in different musical styles and genres with two or four vocal parts. At the end of this course, students will be able to do the following:

- Apply principles of healthy efficient singing, including posture, breath management, and resonance
- Demonstrate proper performance techniques, including diction, articulation, and intonation

HCKK 1012 Let's Put on a Show! (1st - 8th) offered on the HCC and JCC campuses

Explore the basic skills and techniques of acting, stage design, costumes, and theater production and display the results in a final production.

- Perform at an appropriately skilled level in ensemble building exercises, scenes and final projects, which may include participation in plays.

HCKK 1013 Needlecraft Arts (1st – 8th) offered on the HCC, JCC, BHEC(6th-8th) campuses

Students will learn a variety of needlecraft skills. We will cover basic hand sewing and embroidery skills. Putting these skills to practice in the creation of puppets, pillows and beyond. Students will learn how to do the following:

- Utilize various materials and techniques with informed aesthetic and conceptual strategies
- Create a finished product by applying the techniques learned in this course

HCKK 1014 Reading Enrichment (1st - 8th) offered on the JCC campus

Do not let the name of this class fool you, it will be fun! Students will work cooperatively to accomplish many projects related to books. These activities will enrich your child's mind and will place a strong emphasis on concepts such as characters, setting, and problem solving. At the end of this course, the student will be able to do the following:

- Locate explicit textual information, draw complex inferences, and describe, analyze, and evaluate the information within and across multiple texts of varying lengths
- Identify and analyze the audience, purpose, and message across a variety of texts
- Describe and apply insights gained from reading and writing a variety of texts

HCKK 1016 Spanish for Kids (1st – 8th) offered on the HCC and JCC campuses

Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Activities will be based on vocabulary topics of general student interest and ability.

- Demonstrate understanding of level-appropriate spoken Spanish.
- Identify and discuss traditions, customs and values of the Hispanic world.
- Compare and contrast the traditions, customs and values of the Hispanic world with characteristics of their own culture.

HCKK 1017 Welcome to the Real World! (6th - 8th) offered on the HCC, JCC, BHEC campuses -Morning Only

This class will help the student prepare for the real world by addressing diverse topics such as: career choices, the importance of working hard while in school (and graduating), information about college including dual credit opportunities, personal budgeting, understanding debt versus savings, and identifying the difference between wants versus needs. Discussions on setting goals, choosing friends wisely, and the importance of making good decisions will be included in this course. Students will apply their learning in this course by doing the following:

- Calculate potential earnings for their future career and see how that will affect their lifestyle
- Examine the factors that affect learning, success, and personal development in higher education
- Explore college orientation and development of academic skills that apply to all disciplines

HCKK 1018 Writing with Creativity (1st – 8th) offered on the JCC, HCC, and BHEC(6th-8th) campuses

Let your mind run wild! This course will encourage students to let their creative juices flow as they learn to develop their writing skills. Students will be given journals to write in daily and will receive feedback on how to improve their writing skills.

- Create pieces of narrative work experimenting with elements of fiction (plot, character, setting, etc.
- Create pieces of poetic work experimenting with form, content, and style, and/or create pieces of dramatic work experimenting with elements of stage and screen (story, character, form, set, etc.), and/or create reflective work experimenting with elements of creative nonfiction

STEM

HCKK 1051 Back Yard Habitats (1st-8th) offered on the JCC campus

Learn how to create a habitat that birds, butterflies, hummingbirds, and toads will love. Plant a butterfly garden; build a butterfly house; make a toad home; and a hummingbird feeder.

- Create enjoyable and environmentally friendly backyard habitats
- Classifying bird, butterflies, hummingbirds, and toads
- Interpreting nature sounds
- Incorporate plants with different heights and textures

HCKK 1020 Baseball Basics (1st- 8th) offered on the HCC campus

This course is designed to instruct the fundamentals of baseball. Students should wear comfortable clothes and tennis shoes. Bring your personal glove and bat to participate in this course. Since students will be playing outside, please also provide sunscreen and a hat or visor. Students will work on the following skills in this course:

- Understand and practice the five steps for throwing a ball: windup, cocking, acceleration, deceleration, and follow-through
- Understand and practice the six 'F's' of fielding: feet, field, funnel, footwork, fire, and follow-through
- Understand and practice the six phases for batting: preparatory, stance, stride, drive, bat acceleration and follow-through
- Understand and practice base running mechanics: running through, rounding, leading off, listening to the coach
- Understand the basic rules of the game

HCKK 1021 Basketball Bombers (1st - 8th) offered on the HCC campus

This course is designed to introduce the fundamentals of basketball. Students should wear comfortable clothes and tennis or basketball shoes. Basketballs are provided. Students will work on the following skills in this course:

- Practice shooting techniques
- Practice proper dribbling techniques
- Practice passing the ball with a partner
- Understand the rules of the game

HCKK 1052 Creatures of the Night (6th-8th) offered on the BHEC campus

What's that Sound in the Night? Who goes bump in the Night? Learn about mammals, frogs, lightning bugs, owls, and bats. To find out which animals use the watering hole, we must identify their tracks, and find out Who's Tracks are Who's. What is the Science behind the Lightning Bugs? As naturalists, we will study Owl pellets to understand the health of an Ecosystem. How do we identify bats by their calls? The best deterrent for MOSQUITOES is to build a Bat House.

- Explore mysterious sounds in the night
- Identify nocturnal creatures that make noises
- Learn about animal tracks and identification
- Study mammals, frogs, lightning bugs, owls, and bats

HCKK 1022 Cyber Kids (1st - 8th) offered on the HCC, JCC, and BHEC(6th-8th) campuses

This course provides instruction for basic Internet safety through fun and simple games. Students will also learn basic programming logic and teamwork. Students will be introduced to the following cybersecurity concepts:

- Understand password basics
- Develop social media awareness
- Understand ethics in the digital world

HCKK 1023 Environmentally Sound from Macro to Micro (5th – 8th) offered at the HCC campus

Just flush it or toss it. What does it matter? In this course students will go beyond the basics of the 3 R's to see what small steps they can take to make a large impact. Students will also be introduced to what these influences may have on our daily lives with what we drink, eat, and breathe. Is the rot thing the right thing to do? The exploration of what takes part in the process of decomposition and examining the small to smaller, but maybe scary (fascinating) organisms that treasure your waste. Students get a glimpse into the world we cannot see and how we are remarkably outnumbered. It's just water, what's the big deal?! Students get an opportunity to test different water sources and dive into the many levels that reflect its safety for drinking and swimming. Other topics as to why does it smell, taste bad, and how microplastics are a growing issue in our water will be investigated. Upon successful completion of

this course, students will:

- Describe energy transformations across trophic levels.
- Illustrate abiotic/biotic interactions and symbiotic relationships.
- Identify various types of natural resources, human impact on these resources, and common resource management practices.
- Quantify and analyze the impact of lifestyle on the environment.

HCKK 1025 Health and Wellness (1st - 8th) offered on the HCC campus

This course is designed to teach students how to be safe in today's world. It will include basic first aid skills and how to be safe around animals and pets. Students will understand the following basic concepts at the end of this course:

- Observing the world around us to become more aware and safer
- Interpreting potential danger and how to respond
- Differentiate between a serious and non-serious injury and explain proper care for each
- Analyze the dangers of wildlife in rural and suburban areas
- Identify and understand pet body language and how to respond to unfamiliar animals

HCKK 1026 Math Blasts (1st- 8th) offered on the HCC, JCC, BHEC (6th-8th) campuses

This is a unique and fun learning opportunity for children to explore, question, reason and discuss sound mathematical topics suited to each grade level and student interests. Upon successful completion of this course, students will:

- Use appropriate symbolic notation and vocabulary to communicate, interpret, and explain mathematical concepts.
- Define, represent, and perform operations on real numbers, applying numeric reasoning to investigate and describe quantitative relationships and solve real world problems in a variety of contexts.

HCKK 1027 Mini Sports (1st – 8th) offered on the JCC campus

This course is designed to teach the kids the fundamentals of frisbee golf, kick ball, croquet, cornhole, plus others. Students should wear comfortable clothes and tennis shoes. Students will be playing outside, please provide sunscreen and a hat/visor. Upon successful completion of this course, students will:

- Demonstrate mechanics and techniques in a variety of sports and games.
- Apply problem-solving techniques relevant to a sports contest and how to maintain a positive self-image in a group contest environment.

HCKK 1028 Permian Playground (1st - 8th) offered on the HCC campus

This course is designed to teach students how to pick through Permian-aged gravel for amphibian/reptile fossils. If you can find fossils in this gravel, then you should be able to find fossils in all your future hunts. The fossils from this gravel were deposited during the Permian period and are estimated to be around 300 million years old. You will be finding fossils from early reptiles, amphibians, and freshwater sharks. They were excavated from Archer County; Texas Permian fossils are ranked as

some of the hardest fossils to find. Students will be able to do the following at the end of this course:

- Classify and interpret depositional environments using fossils.
- Taxonomically classify samples of geologically important fossil groups.
- Apply relative and numerical age-dating techniques to construct geologic histories including the correlation of stratigraphic sections.

HCKK 1030 Soccer (1st - 8th) offered on the HCC campus

This course is designed to introduce the fundamentals of soccer. Students will be playing outside; therefore, please provide sunscreen, a hat or visor. Students should also wear comfortable clothes and tennis shoes. Students will work on the following skills in this course:

- Understand the importance of teamwork
- Practice trapping with a partner
- Practice passing with a partner
- Understand basic positioning
- Practice kicking with a partner
- Understand basic stretching
- Practice dribbling with a partner
- Understand the rules of the game

HCKK 1031 Softball Superstars (1st - 8th) offered on the HCC campus

This course is designed to introduce the fundamentals of softball. Students should wear comfortable clothes and tennis shoes and bring their personal glove and bat to participate in this course. You may also bring a ball and helmet if you have them. Since students will be playing outside, please also provide sunscreen and a hat or visor. Students will work on the following skills in this course:

- Understand and practice the five steps for throwing a ball: windup, cocking, acceleration, deceleration, and follow-through
- Understand and practice the six 'F's' of fielding: feet, field, funnel, footwork, fire, and follow-through
- Understand and practice the six phases for batting: preparatory, stance, stride, drive, bat acceleration and follow-through
- Understand and practice base running mechanics: running through, rounding, leading off, listening to the coach
- Understand the basic rules of the game

HCKK 1032 Tennis (1st - 8th) offered on the HCC campus

This course is designed to introduce the fundamentals of tennis. Students should wear comfortable clothes and tennis shoes. If you own a tennis racquet, bring it with you. Since students will be playing outside, please also provide sunscreen and a hat or visor. Students will learn the following skills in this course:

- Identify proper footwork
- Practice proper serving techniques

- Practice forehand and backhand Strokes
- Understand the rules of the game

HCKK 1033 Think like a Botanist (1st - 8th) offered on the HCC and JCC campuses

This course is designed to teach students the meaning of science through the world around us. Some of the activities include seed germination, creating a secret message through chemical change, flower dissection, transpiration, creating seed balls, and growing microgreens. Students will understand the following basic concepts at the end of this course:

- Experiment with plant germination through hands-on activities
- Identify the components of biochemistry
- Identify flower anatomy by dissecting a plant
- Experiment transpiration and the water cycle
- Explore how seed dispersal occurs

HCKK 1034 Think like a Scientist (1st- 8th) offered on the HCC, JCC, BHEC(6th-8th) campuses

This course is designed to teach students the meaning of science through the world around us. Some of the activities include engineering through a candy structure, creating a secret message through chemical change, learning about the four seasons, dancing sprinkles, marshmallow catapult, and the stars and constellations that are visible at any given night. Students will engage with basic scientific concepts by doing the following:

- Build a structure using engineering principles
- Observe how chemical reactions occur
- Explore the dynamics of physics
- Identify the elements of biology
- Explore the celestial realm through astronomy

HCKK 1035 Sand Volleyball (1st - 8th) offered on the HCC campus

This course is designed to introduce the fundamentals of volleyball. Students should wear comfortable clothes and tennis shoes. Since students will be playing outside, please also provide sunscreen and a hat or visor. Students will learn the following skills in this course:

- Practice proper serving techniques
- Practice passing the volleyball with a partner
- Practice proper setting techniques
- Understand the rules of the game

HCKK 1038 Ideas to Life with 3D Printing (1st - 8th) offered on the HCC campus

This course is for creating enthusiasm and passion for learning through 3D printing. 3d printing is a technique that begins with a digital model called CAD (Computer Aided Design) for the creation of a tri-dimensional object and combines it with a creative process to bring an object into the real world. Students will get a real look and feel of their creations by being able to examine, analyze, and understand their creations.

- Learning about the workings of a 3D printer
- Building prototypes using a 3D printer
- Encourage creativity and critical thinking

HCKK 1053 Walk on the Texas Wildside! (1st - 8th) offered on the HCC campus

This course is designed to introduce students to Texas Trees and Wildflowers... How do we ID them? Texas Mason Bees pollinate 400 times more than honeybees, do you know what they look like? Texas Birds of a Feather, who are the Texas Jewels of the Sky? How the Critters came to Texas, a Native American Tale. Make bookmarks with Texas Native Wildflowers. Have some muddy fun creating Wildflower Seed Balls. Whose tracks are whose? Make track impressions of Texas Mammals and make a Mason Bee home.

- Learn to identify Texas trees and wildflowers
- Discover the appearance of Texas Mason Bees
- Identify animal tracks of Texas mammals
- Get hands-on with mud while making wildflower seed balls

Health and Public Services

HCKK 1039 Cosmetology in Action (6th – 8th) offered on the HCC campus

Explore the cosmos of cosmetology, including hairstyles and manicures. Learn the latest creative design techniques and work with current Hill College CHI Cosmetology students. You will get sample products to practice with at home.

- Demonstrate introductory techniques in cosmetology including hairstyles and manicures
- Describe creative design techniques in cosmetology.

HCKK 11040 Criminal Law for Beginners (4th - 8th) offered on the JCC campus

This course is for students interested in learning about how the law works, from where laws originate to how they are used by the police and prosecutors to prosecute offenders. You will be exposed to sources of law, definitions of criminal law, and elements of a crime. If you like to argue, a career in the law may be for you! Students will learn the following:

- Identify the sources of law in the United States
- Describe the many ways in which crimes are classified and identify traditional types of crime
- Demonstrate knowledge of criminal law definitions by analyzing scenarios to determine which crime has been committed
- Explain the concept of corpus delicti and show an understanding of a crime's elements

HCKK 1054 Experiencing Emergency Medical Services (1st - 8th) offered on the HCC, JCC, and BHEC (6th-8th) campuses

This course is designed to be an introduction to the profession of Emergency Medical Services. Each student will receive introductory training on the roles and responsibilities of men and women who perform services as a paramedic. Students will learn some basic principles and skills. Students will perform the following basic skills in this course:

- Understand some basic skills
- Demonstrate through interactive real live equipment the basic functions of a paramedic
- Explain through hands-on equipment and tools the daily experience of a paramedic

HCKK 1041 Future Nurses (1st - 8th) offered on the HCC ad JCC campuses

This course is designed to be an introduction to nursing and the health care industry. Each student will receive their own special badge and stethoscope. Students will learn some basic principles and skills in the skills lab including the use of medium and high-fidelity mannequins. Students will perform the following basic lab skills in this course:

- Demonstrate proper handwashing
- Understand how to use digital temperatures
- Identify the proper stethoscope use
- Practice using a pulse oximeter
- Calculate pulse palpation and heart and respiratory rates

HCKK 1042 Mini Fire Academy (1st - 8th) offered on the HCC campus

Students can learn what it is like to be a firefighter (without the danger) interacting with real firefighting equipment like fire hoses, fire extinguishers, seeing fire trucks up close and learning how they work, experiencing first-hand some of the other firefighter/EMT duties, and playing fun firefighting games.

- Demonstrate through interactive real live equipment the basic job functions of a firefighter
- Explain through hands-on equipment and tools the daily experiences of a firefighter

HCKK 1043 The Scene of the Crime Forensic Scientist (6th-8th) offered on the BHEC campus

You will not want to leave the scene of this class where students will be exposed to crime scene searches, finger printing, and eyewitness identification. Will your investigative skills reveal that you have what it takes to be a super sleuth?

- Explain the various methodological approaches used to research crime and criminal behavior.
- Explain the nature and extent of crime in America
- Analyze the impact and consequences of crime
- Effectively communicate the results of scientific investigations

Business and Industry

HCKK 1044 Power It Up! (1st - 8th) offered on the HCC and JCC campuses

In this course, students will express creativity through computers. Students will have the opportunity to work on power point presentations.

- Demonstrate proper file management techniques to manipulate electronic files and folders in local, network, and online environments
- Create multimedia presentations utilizing presentation software experimenting with templates, lists, groups, themes, colors, clip art, pictures, tables, transitions, animation, video, charts, and views

HCKK 1045 Rodeo Roundup (1st - 8th) offered on the HCC campus

This beginning class will cover the fundamentals of roping techniques. Students will have the opportunity to learn on a bucking barrel and learn goat tying. Students will need to wear tennis shoes and comfortable clothes. Students may be playing outside; please provide adequate sunscreen and hats/visors.

- Explain the role of animal agriculture in providing benefits for humankind
- Identify common livestock breeds
- Define terminology specific to animal science disciplines

HCKK 1046 Simple Circuits: Watt's Up? (5th - 8th) offered on the HCC, JCC, and BHEC (6th-8th) campuses

This course is designed to introduce students to the principles of Ohm's Law and the fundamentals of electrical circuits. Students will work with a low voltage power source to build simple circuits such as an electric light project that demonstrates how electricity is turned on and off with a switch. At the end of this course, the student will be able to do the following:

- Demonstrate knowledge of basic principles of electricity.
- Create an electrical circuit.
- Apply Ohm's law to electrical calculations
- Perform electrical continuity, voltage, and current tests with appropriate meters.
- Demonstrate electrical safety.

HCKK 1050 Under the Hood (5th- 8th) offered on the JCC campus

Modern automobiles are important to many aspects of American life. Those who service automobiles must understand each principle, and how these principles interact to provide smooth, efficient performance. Owners of cars also benefit by understanding how their vehicles operate. This enables them to understand why certain periodic maintenance is required to keep their vehicles in tip-top shape. At the end of this course, the student will be able to do the following:

- Demonstrate appropriate safety procedures.
- Describe historical development and career information of the automotive industry.
- Demonstrate routine maintenance.

- Inspect belts and hoses
- Check fluid levels and condition
- Service air filter.
- Check tire pressure and properly inflate the tire.