



KACC

Knowledge Advancing Career Connection

High School | Apprenticeships | College

KOKOMO AREA CAREER CENTER

Table of Contents

Page 3 Superintendent Message

Page 4KACC Director Welcome

Page 8 Agriculture

Page 9 Veterinary

Page 10.....Business Marketing

Page 11..... Construction

Page 12..... Healthcare

Page 15..... Human Services

Page 17Information Technology

Page 18.....Smart Manufacturing

Page 21STEM

Page 22Transportation

Page 23 Welding - Manufacturing

Page 24 Career Pathways

A message from Kokomo School Corporation Superintendent

Kokomo School Corporation is proud to offer Career and Technical Education opportunities to area students at our Kokomo Area Career Center (KACC). The Kokomo Area Career Center provides hands-on, project-based career and technical education for more than 1,250 students in grades 9-12 enrolled at Kokomo, Eastern, Northwestern, Western, Taylor, Tri-Central, and Maconaquah high schools; as well as eighth-grade students enrolled in the at Bon Air and Maple Crest middle schools.

More than 240 college credits are available to KACC students, in addition to internships, apprenticeships, clinical rotations, and job shadows as part of the student preparation for employment and/or post-secondary education.

KACC, in partnership with Kokomo High School, is authorized to offer the International Baccalaureate® (IB) Career-related Programme (CP), which is a flexible framework of international education incorporating the vision and educational principles of IB into a unique program specifically developed for students who wish to engage in career-related learning.

Through innovative teaching methods, inclusive learning environments, and a commitment to lifelong learning, Kokomo School Corporation is dedicated to changing the world through education.

Michael S Sargent

DR. MICHAEL SARGENT
KOKOMO SCHOOL CORPORATION



KOKOMO SCHOOL CORPORATION
Creating a Better World Through Education



Welcome from Kokomo Area Career Center Director



Welcome to the Kokomo Area Career Center (KACC), where we believe in empowering our students to reach their fullest potential and prepare them for successful careers in their chosen fields.

As the Director of the KACC, it is my pleasure to welcome you and share our vision and values that drive us towards excellence. At KACC, we understand the importance of providing a well-rounded education that combines academic knowledge with practical

skills. Our dedicated team of educators and staff work to create an inclusive and supportive environment where students can explore their career passions and develop the skills necessary to thrive in today's ever-changing world.

We take immense pride in our mission to equip students with the technical expertise, critical thinking abilities, and strong work ethic needed to excel in their chosen career paths. Through our state-of-the-art facilities and comprehensive programs, we offer a wide variety of courses spanning various industries, including healthcare, information technology, engineering, business, and many more.

By collaborating with local businesses and industry professionals, we ensure that our curriculum remains relevant and aligned with Indiana academic standards and the demands of the job market. At KACC, we know the importance of providing hands-on learning experiences. Through internships, apprenticeships, and cooperative education opportunities, our KACC students have the chance to apply their skills in real-world settings, forging valuable connections and gaining practical experience that will give them a competitive edge when entering the workforce.

We also understand the importance of character development and fostering a sense of responsibility and integrity in our students. Our KACC values of respect, perseverance, and excellence permeate every aspect of our school community, creating an environment that encourages personal growth, teamwork, and ethical behavior.

I would like to extend an invitation for you to learn more about our Career and Technical Education programs and explore the endless opportunities that await students at our KACC. Once again, welcome to the Kokomo Area Career Center!

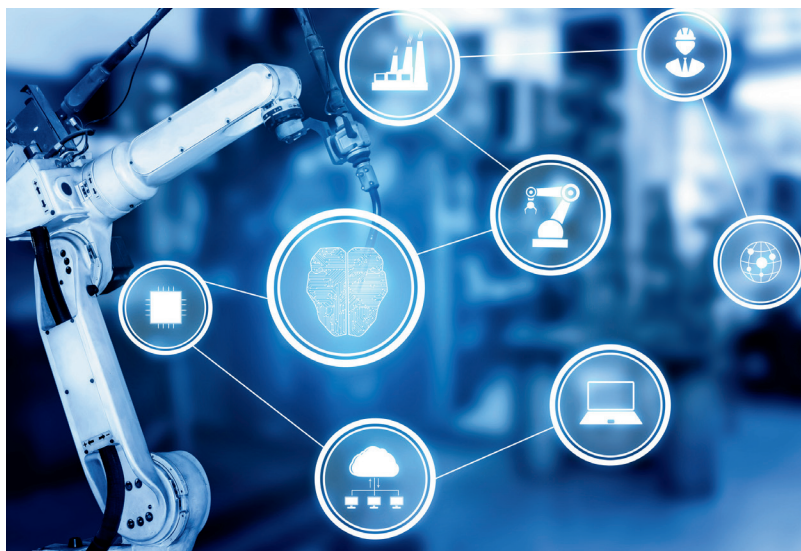
JONATHAN SCHUCK, DIRECTOR
KOKOMO AREA CAREER CENTER





The Need for New Skills

The emergence of advanced materials, the Industrial Internet of Things (IoT), and other Industry 4.0 technologies has unleashed a multitude of thrilling career prospects.



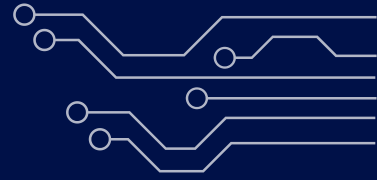
These advancements also demand a fresh set of expertise and capabilities. In today's rapidly changing world, individuals must equip themselves with cutting edge technical skills, the ability to optimize systems, and essential employability skills.

KACC OUTCOMES

- Inspiration
- College Credit
- Career Exploration
- Certifications
- Technical Skills
- Industry Experience
- Collaborative & Career Connections
- Creative Thinking

The Kokomo Area Career Center is dedicated to providing students access to high-quality CTE programs that open doors to in-demand, high-wage career pathways.

Career & Technical Education Pathways



A Career & Technical Education (CTE) pathway is a sequence of two or more CTE courses within a student’s area of career interest. Pathways are designed to connect high school classes to college, industry certifications, and/or a career.

NLPS Next Level Programs of Study

Indiana fully launched new secondary Career and Technical Education courses in the 2022-2023 school year. This initiative, called Next Level Programs of Study (NLPS), aims to improve the consistency, quality, and intentionality of CTE instruction across Indiana.

What is a Program of Study?

A more comprehensive and structured approach to offering CTE that includes stronger course sequences, greater career resources, improved professional development for instructors, and direct connections between secondary and postsecondary education.

Increased Consistency:

Increased consistency of CTE course offerings ensures all CTE students have the opportunity to master the same skills regardless of where or how they complete a program.

Greater Intentionality:

Direct alignment of secondary courses to postsecondary competencies provides students the opportunity to earn more postsecondary credentials and ensures dual credits earned in high school count towards postsecondary degrees.

Higher Quality:

New course standards increase the rigor in many CTE courses and provide more opportunities to earn dual credits, obtain postsecondary credentials, and participate in work-based learning experiences. Ongoing professional development will support CTE instructors as they work to include the advanced competencies in their course.

Students can complete ONE YEAR’S WORTH OF COLLEGE & earn certifications while in high school



Real World Experience

Kokomo Area Career Center CTE classes offer students unique real world experiences. KACC students learn by doing through hands-on lab experiences and work-based learning or career relevant experiences. Students have the opportunity to solve problems, provide services, and create products using real world scenarios and real equipment applicable to their course's industry.

Dual Credit



Dual Credit courses offer high school students the opportunity to earn both high school and college credits in the same course. Taking Dual Credit courses prepares students for the transition to college and helps students jump ahead in their postsecondary education. At the Kokomo Area Career Center, Dual Credit courses are offered at little to no cost to enrolled students.

During the 2022-2023 school year ...

Students earned nearly 3,000 KACC Dual Credits!



Certifications

The Kokomo Area Career Center offers students with opportunities to earn certifications while in high school. These programs are usually completed in a year or less and provide specialized training within a particular career path. Many certifications are recognized as valued by industry and have transference to postsecondary training programs, leading to quality employment. Eligible promoted certifications can also count towards Graduation Pathways.

Agriculture

Ag Mechanical & Engineering - Precision Ag - Veterinary Careers

KACC students learn real-world skills and discuss trends that affect the ever-changing world of agriculture. Agriculture includes input industries necessary for production, manufacturing, processing, marketing and distribution.

Agriculture Mechanical & Engineering Precision Agriculture

KACC students have the unique opportunity to use their knowledge and practice their skills at a farm plot located within the Kokomo Schools Outdoor Lab. The agriculture students are responsible for preparing the soil, starting plants in a greenhouse, transplanting their plants, tending to the plot throughout the summer, then harvesting and distributing the produce in the fall.

Opportunities

Agricultural education at the secondary level teaches and reinforces science, math, language arts and social science principles.

Agriculture is a fundamental and essential industry in the world, an industry that provides our entire society with food, clothing and shelter.

Growing future leaders in the agriculture industries, the KACC provides opportunities for students to pursue successful careers in agricultural business, horticulture/ landscaping, and life sciences.



Veterinary Careers

The Veterinary Careers class provides a hands-on experience for students interested in working in the Veterinary field upon graduation from high school or college. Students study animal care and husbandry, nail trims, ear cleanings, restraints for different procedures, and dog and cat behavior. Students learn anatomy and physiology of several different domestic animals, as well as some large animals, such as horses.

Strong emphasis is placed on medical terminology. Students also participate in job shadowing experiences at local Veterinary facilities. Students have opportunities to experience field trips to the Indianapolis Zoo, Purdue University Veterinary School, and an Equine facility. Upon completion of the Veterinary Careers class students are prepared to enter the workforce at the entry level, or to continue their education at several post-secondary schools.

Opportunities

Most students who apply are accepted into a Veterinary Technology program, including Purdue University and Vet Tech Institute at International Business College.

Registered Veterinary Technicians enter the workforce in various specialties, including Emergency & Critical Care, Intensive Care Units, General Small Animal Veterinary Clinics, and at Equine facilities.

Students also experience entrepreneurial success by owning businesses that offer animal grooming services.



Alumni quotes...

"This well-paced program provided the ground layer of knowledge for my future career, as well as first-hand experience in the veterinary world."

- Mady Delgado, RVT

"We practiced valuable skills, such as blood draws and reading animal behavior, in addition to basic anatomy and physiology."

-Grace Leffler, Pre-Vet medicine

Business Marketing

Digital Marketing - Entrepreneurship - Kokomo CEO

The Business Marketing program progresses through an introductory business class to marketing fundamentals; and then to more targeted and strategic marketing.

Entrepreneurship

Entrepreneurship students at the Kokomo Area Career Center are responsible for real businesses and understand the real-time application of what they are learning in class. KACC students operate a number of businesses, including vending machines, screen printing, embroidery, and a large format printing business. Students are responsible for marketing, customer acquisition, new product development, sourcing materials, production, and accounting. Because students are responsible for working with clients and resolving problems (with instructor support and supervision) they improve communication, creative thinking, and problem solving skills.



Kokomo CEO *Creating Entrepreneurial Opportunities*

Alumni quote...

"CEO provided me with great mentors who have challenged my work ethic and radically expanded my way of thinking to see beyond the box we often confine ourselves to, allowing me to pursue opportunities I wouldn't have dreamed of otherwise. CEO has, and always will, be the most pivotal time in my high school career."
-Cortlandt Kalkstein

The Kokomo CEO (Creating Entrepreneurial Opportunities) program is much more than a textbook course. Students are immersed in real-life learning experiences with the opportunity to take risks, manage the results, and learn from the outcomes. Students visit a wide variety of businesses throughout the Kokomo area and learn from the owners what it means to start and maintain a successful business. Students learn about the failures and successes along the way. Students conduct a business in class - historically the CEO Summit - and create a business. Their individual businesses are showcased at the CEO Trade Show.

Construction

Construction Trades - HVAC - Electrical

Construction Trades students gain skills learning about concrete, framing, installing electrical outlets and switches, installing plumbing, making rafters, sheeting and roofing. Students also have the opportunity to do work with masonry, welding and woodworking.

HVAC Heating, Ventilation, & Air Conditioning

Starting in either 10th or 11th grade, students will be introduced to the HVAC field and learn basic electricity concepts, obtain OSHA 10 industry certification, and gain knowledge about different types of HVAC units and their controls, functions, and applications.

Through a combination of lectures and hands-on experience in our onsite HVAC lab, students will also learn about safety procedures, proper use of tools for installation and servicing of refrigeration equipment, and refrigerant charging and recovery techniques. In the second year, students will focus on analyzing mechanical and electrical problems in HVAC units, gaining a deeper understanding of compressors, metering devices, system recharging, refrigerant recovery, motor types, equipment installation, and troubleshooting specific to HVAC systems. Additionally, second-year students will have the opportunity to work on real-world projects outside the classroom. For those who choose to complete a third year, they will have the valuable experience of internships or job shadowing opportunities. Upon successful completion of the two-year pathway, students have the opportunity to earn twenty-one (21) college credits through Ivy Tech Community College and also earn their Technical Core Certificate. Students can also earn the following certifications: EPA 608, EPA 609 OSHA 10 and a Workplace Ready Certification from Mr. Vest.

Electrical

KACC students learn theory and application of Electrical systems. Students then progress to the practical application of the skill sets and prove proficiency through the application of hand-on task analysis. Upon successful completion of the Electrical pathway, students will earn NCCER certifications in 6 areas of electrical proficiency, OSHA 10 Safety and a Technical Certificate from Ivy Tech Community College.



Healthcare

Anatomy & Physiology – Biomedical Science – C.N.A. – Dental Exercise Science – Medical Terminology – Medical Assisting

Biomedical Science

The Biomedical pathway is designed for students who want a laboratory hands-on exposure to the health careers field. Students can study cancer cells and DNA, learn how to use micropipettes, microscopes, incubators, digital scales and hot plates.

Biomedical students are introduced to anatomy, physiology, microbiology, and molecular biology while they also dissect sheep hearts, cow eyes and pig kidneys. KACC Biomedical alumni enroll in programs for Registered Nursing and pursue advanced medical degrees.

Alumni quote...

"From a young age I knew I wanted to work in health care and taking classes at the Kokomo Area Career Center helped guide me to my Nursing career. Having the opportunity to take KACC classes related to my interests helped me make a career choice that I was confident in before going to college. I am so thankful for all the experiences and teachers I had at the Kokomo Area Career Center!"

-Katelyn Rutherford, BSN



C.N.A. Certified Nursing Assistant

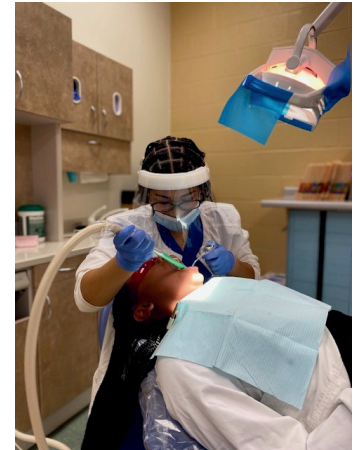
The C.N.A. pathway at Kokomo Area Career Center prepares students for a rewarding career in basic healthcare. By earning an Indiana State Department of Health license, students can work in extended care facilities, hospitals, and home health agencies under the guidance of licensed nurses. The pathway begins with **two prerequisite courses: Principles of Healthcare**, which introduces students to healthcare and various careers, and **Medical Terminology**, which equips them with the vocabulary of the healthcare system. In the second year, students engage in a combination of classroom and lab time, learning seventy-two resident care procedures in our simulated long-term care facility lab. They then complete seventy-five clinical hours at a local long-term care facility, gaining hands-on experience and collaborating with nurses and C.N.A.s. Successful completion of the course allows students to sit for the Indiana State Department of Health exam and **obtain their Licensed Certified Nursing Assistant credentials.**

Nursing career options beyond C.N.A. include becoming a Registered Nurse, specializing in areas such as Surgery, Obstetrics, Emergency Room, Flight, Oncology, Cardio, and even becoming a Nurse Practitioner.



Dental

Students learn about the careers available within the field of dentistry. Labs and experiences expose students to skills associated with either being a dentist, dental hygienist, dental assistant, or dental laboratory technician. Students build a foundation of dental terminology, head and neck anatomy, dental skills, infection control, and professionalism. Students who continue into the second year program learn additional career-related skills and participate in an internship that reflects their career goals.



Alumni quotes...

"I was already advanced when I started college, because of the information and preparation I received from the KACC. I completed the Dental Assisting Program here at Ivy Tech and I am now a Certified Dental Assistant working in our community as a Dental Assistant as well as an adjunct teacher for the Ivy Tech Dental Assisting Program."

-Kasey Davis

"Through the KACC, I gained experience working with patients because I had practical experience through my KACC internship. This gave me the confidence I needed to pursue my career. I love being a dental hygienist in my community and having a career that I love!"

-Kailie Buckalew

Exercise Science

KACC offers a two- or three-year pathway in Exercise Science. Starting in the 10th or 11th grade, students begin with an introductory class covering topics such as exercise physiology, sport biomechanics, sports medicine, and motor integration.

Career Exploration: Occupational Therapy, Physical Therapy, Athletic Training, Nursing, Radiology, Nutritionist, Kinesiology, Physician, and Physician Assistant.

In the first year of the pathway, KACC students study Kinesiology, emphasizing practical applications of concepts, fitness training, anatomy, fitness programming, and injury prevention. In the second year, instruction delves into human physiology related to exercise and learning how the body adapts to physical activity. Second-year students have the opportunities to participate in job shadowing throughout the Kokomo area.

For students who choose to take a third year, an internship in their area of interest (Physical Therapy, Athletic Training, or Occupational Therapy) will be available 3-4 days a week. This hands-on experience will provide valuable real-world learning opportunities.



Medical Assisting

KACC Students will prepare for the National Healthcare Association Certified Clinical Medical Assistant (CCMA) Exam. Instruction includes taking and recording vital signs, preparing patients for examination, patient education and assisting the physician during this exam. The collection and preparation of laboratory specimens and basic laboratory tests will be covered.

Students will learn preparations for the administration of medication, venipuncture, ECG and wound care. This class provides a basic understanding of the clinical and administrative duties pertinent to medical offices; as well as the responsibilities, including medical correspondence and records, case histories of patients, filing, appointment scheduling and receptionist duties. Students also participate in an internship/job shadow experience during their second semester. The KACC provides students with the opportunity to earn their certification as a Certified Clinical Medical Assistant.

Medical Terminology

Medical Terminology prepares students with language skills necessary for effective, independent use of health and medical reference materials. It includes the study of health and medical abbreviations, symbols, and Greek and Latin word part meanings, all taught within the context of body systems. This course builds skills in pronouncing, spelling, and defining new words encountered in verbal and written information in the healthcare industry.

KACC students have the opportunity to acquire essential skills for accurate and logical communication, and interpretation of medical records. Emphasis is on forming a foundation of a medical vocabulary including; appropriate and accurate meaning, spelling, and pronunciation of medical terms, and abbreviations, signs, and symbols.



Human Services

Human & Social Services - Cosmetology - Culinary Arts

Human & Social Services

KACC students in this pathway learn the basic skill set required in Human and Social Services. KACC students are introduced to the Code of Ethics, mental health diagnosis, treatment options, and the skills required of an entry level Human Services Worker. Students will learn to identify the effects of culture, trauma, and socioeconomic status on clients. Students will understand how clients react differently to situations because of their culture. During the second year of the program, students job shadow in an agency so they can apply the skills learned in real-life situations.

Benefits

Making a Difference: By providing support, guidance, and intervention, Human Service professionals can make positive impacts with families, individuals, communities, and society. Through working with individuals and with groups, Human Service workers can assist those who are struggling with conflict, addiction, abuse, grief, and mental health issues to resolve these and build positive relationships with others.

Career Opportunities:

- Social Worker
- Child Welfare Worker
- Substance Abuse Counselor
- School Counselor
- Case Manager
- Community Outreach Worker

Diverse Career Paths: The Human Services field offers career opportunities that allow an individual to align their career with their passions and interests. Careers can include working with children, teens, the elderly, individuals with disabilities, or families.

Alumni quote...

"This class is a perfect introduction to what human services and social work is. You will go over all walks of human services, to individual therapy, group therapy, how to work with diverse populations such as the elderly and youth and go over issues that impact mental health like addiction, economic status, gender and race. The teacher, Mrs. Wright, does an excellent job of making the class feel less like a normal, boring class, and more like a community, along with teaching what it means to be a social worker."

-Drake Hester, IUPUI, School of Social Work

Cosmetology

KACC students learn skills and techniques related to the art of hairdressing, such as hair cutting, coloring, perming, and chemical relaxing, aesthetics such as facials and waxing; and manicuring and pedicuring. Students have the opportunity to compete in SkillsUSA and attend America's Beauty Show in Chicago, IL.

This program requires 1,500 hours of classroom time to complete; therefore, the class is from 11:45 AM – 4:45 PM each school day with a 2:20 PM release on Fridays. Upon completion of the two-year program students will be eligible to sit for their **Indiana State Cosmetology License**.



Graduates of the KACC Cosmetology School are employed at local salons, such as Posh, Solutions, Great Clips, Barlow's Barbershop and Fade. Several graduates manage their own salons.

Culinary

Medical Terminology prepares students with language skills necessary for effective, independent use of health and medical reference materials. It includes the study of health and medical abbreviations, symbols, and Greek and Latin word part meanings, all taught within the context of body



systems. Culinary students have placed in the top three at state competitions. This course builds skills in pronouncing, spelling, and defining new words encountered in verbal and written information in the healthcare industry.

Opportunity for Job Promotions

After earning the ProStart ServSafe certification, students often receive promotions by their employers - including to Manager.

Information Technology

Cyber Security

Cyber Security

Students will learn basic programming and algorithms, while understanding how to build, install and maintain devices and software as well as basic networking and security. Students also will prepare for the CompTIA A+ Certification Exam.

During the second year of the pathway, which will be experienced on the Ivy Tech-Kokomo campus, students will learn to set up and troubleshoot routers and switches for a small network, as well as understanding the technologies and techniques used in creating a secure network.

Media Arts

Digital Design - Radio & TV Production

Digital Design

KACC students learn the Adobe software programs, Photoshop and Illustrator, and then students practice these skills by creating logos, illustrations for items, such as book jackets, magazine covers, business cards, signs, and t-shirts. Students learn the operation of cameras and how to edit photos. Students also can learn how to manage social media for a business.



Radio & TV Production

KACC students learn how to produce programming for radio, television, and digital audiences. Many opportunities are available to create productions in a variety of formats. While all students learn to use audio and video equipment, many projects are customized to fit student interests and future pursuits. While not required, journalism and creative writing are classes that would be helpful for a radio and TV student.

Alumni quote...

"KACC educational experiences provided me with opportunities to expand my knowledge outside of a traditional classroom setting. There was a pivotal point in the early stages of my career where I recognized my career passion. Now I am creating visual masterpieces in commercial and narrative spaces for popular brands such as Netflix, Google, and Nike. I am so grateful to the Kokomo Area Career Center for putting me on the path for a happy and successful life." -Nathan Miles, Filmmaker, US NAY Veteran

Public Safety

Criminal Justice

Criminal Justice

KACC students study the three main areas of the Criminal Justice system; policing, courts, and corrections. Kokomo Area Career Center students learn how these systems function separately and how they work together to make up our criminal justice system. Career exploration in all fields also is a key component of the curriculum. Students participate in activities, such as fingerprinting, mock trials, mock arrests, mock pullover; and analyze criminal behavior.

Students are exposed to forensics, criminology and culture awareness, as well as visiting:

- Indiana Law Enforcement Academy
- Vohne Liche Kennels
- Kinsey Juvenile Facility
- Howard County Circuit Court
- IUK Crime Lab
- 911 Dispatch Location
- County Jail tour
- SWAT vehicle ride along



Many guest speakers, including; Military representatives, Kokomo Police Officer, State Police Officer, Drug Enforcement Agency (DEA) Officer, Probation officer, Juvenile Prosecutor, Coroner, Detective, Correctional Officer, Bomb Squad representative, Public Defender, Victim's Advocate, Drug and Alcohol Counselor, Federal Bureau of Investigation (FBI) officer, Entomologist, Department of Natural Resources (DNR) officer and a paralegal, share their experiences with our KACC students.

Certification opportunities include: Emergency Telecommunicator Certification (by National Academies of Emergency Dispatch NAED), Certified Indiana County Jail Officer (by Indiana Law Enforcement Academy ILEA), and CPR (Red Cross)

Former KACC Criminal Justice students are employed with the Howard County Jail, the Howard County Sheriff's Department, the Kinsey Youth Facility, and as a counselor at the Miami County Correctional Facility.

Introducing Smart Manufacturing

The Kokomo Area Career Center is excited to introduce our Smart Manufacturing program, which is set to launch in the upcoming 2024-2025 school year! This innovative program combines cutting-edge technologies, such as digital assembly lines, robots, and automated systems, with the manufacturing process.

Enrolled students will acquire essential skills in electrical and mechanical troubleshooting and communication, enabling them to diagnose, repair, test, and efficiently restore failed components. They will also have the incredible opportunity to learn how to design, program, and troubleshoot computers, PLCs, robots, and other industrial software.



In collaboration with Ivy Tech Kokomo, the Kokomo Area Career Center, has partnered with StarPlus Energy to create a unique pathway unlike any other at KACC. Classes for the Smart Manufacturing program will be taught by Ivy Tech instructors right at the KACC/KHS building. This comprehensive program spans two to three years, offering a well-rounded education and practical experience.

Students enrolled in the Smart Manufacturing program will earn dual credits, providing them with a head start in their college education. With the skills and qualifications gained through this pathway, graduates will have a wide range of exciting career options to explore, including roles such as Automation Integrator, Controls Technician, Engineering Technologist, Automation Technician, and Robot Technician.

2 - 3 Year Pathway

Smart Manufacturing



1

First-year students will attend classes at KACC, delving into the fascinating world of technologies such as artificial intelligence, human to robot collaboration, big data, digital integration, CAD, CNC, print reading, and technical mathematics. They will also gain expertise in mechatronics, programmable automation, cloud technologies, and networking through both classroom and hands-on lab experiences.

2

As students progress to their second year, they will explore topics including cyber security, data analytics, and smart sensors. Additionally, they will collaborate as a team to build a functional prototype of a smart manufacturing system. Second-year students may also have the opportunity to job shadow or intern with StarPlus Energy, gaining invaluable practical experience in the field.

3

In their third year, students will embark on an internship with StarPlus Energy, further enhancing their skills and knowledge in a real-world setting. Completing two or three years of the Smart Manufacturing pathway through the Kokomo Area Career Center will grant students priority status during the hiring process with StarPlus Energy. This advantage may include a guaranteed interview, a potentially higher starting wage, and tuition assistance if they choose to continue their education.

STEM Design & Engineering

Project Lead the Way

Engineering

KACC students in the Engineering pathway learn basic concepts from force calculations to electrical circuit calculations to programming software to CAD design which all fields of engineering use during the course of their everyday jobs. Students also have the opportunity to experience 3D printing and laser engraving.



Design Technology

KACC students learn AutoCAD software and become skilled in creating blueprint drawings. Architecture students design homes, and become familiar with how to dimension blueprints (show measurements) with basic building requirements. Mechanical students design objects and learn how to create drawings that show different views of their project. Students also have the opportunity to experience laser engraving. Automotive Service students learn the correct way to perform basic maintenance and do light repair on modern vehicles. KACC students learn how to properly diagnose and repair electrical and electronic systems, antilock brake systems, and traction control systems.

Students also can earn several industry certifications including their ASE Maintenance and Light Repair.

Alumni quote...

"I have earned multiple patents, and I have designed the fuel system for almost all Buell motorcycles. Every Johnson-Evinrude outboard engine has my patented vapor separator mounted on it. I have accomplished so much thanks to the instructors and education I received at the KACC." -Jerry Hayes

Several Architectural design students have earned direct admit to the Ball State School of Architecture as incoming freshmen. This direct admit is due to the portfolio created during their two-year KACC pathway.

Many students have earned Engineering degrees, & one former KACC student is currently a Lead Engineer for Delta Faucet.

Transportation

Automotive Collision Repair – Automotive Service

Automotive Collision Repair

Collision Repair students learn technical skills, such as dent removal, application of plastic filler to repair dents, and the process of priming a vehicle for final paint. Students also learn custom painting and how to use an airbrush for more detailed designs. In May of each year the Collision Repair and Automotive Service classes host a car show at the Kokomo Area Career Center. Collision Repair students build and custom paint the trophies that are awarded to participants.



Alumni quote...

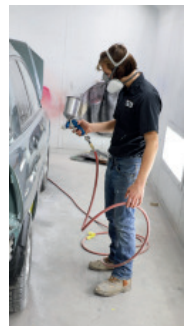
"I learned so much by being in the Collision Repair program, which helped me prepare for life after high school. College isn't meant for everyone; and for some students, this is our way into a bright future thanks to all the opportunities that come our way by being at the Kokomo Area Career Center. I was more prepared for life outside of school than I would have been otherwise." – Dale Gonzalez

Automotive Service

Automotive Service students learn the correct way to perform basic maintenance and do light repair on modern vehicles. KACC students learn how to properly diagnose and repair electrical and electronic systems, antilock brake systems, and traction control systems. Students also can earn several industry certifications including their ASE Maintenance and Light Repair.

Several KACC graduates went directly into the workforce and earned promotions to shop foreman, service manager, and even the general manager.

KACC auto service graduates work on pit crews for NASCAR and NHRA teams.

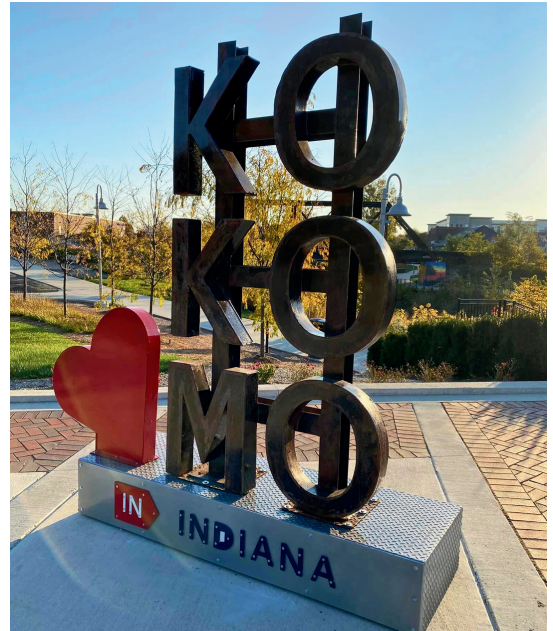


Welding - Manufacturing

KACC students engage in learning the welding processes, including MIG, TIG and stick welding, as well as how to create a blueprint of their weld. Students will learn how metals differ and how to weld a variety of materials.

Once skilled in the welding processes, students then learn how to fabricate, which involves design, problem-solving, and execution of the project. Students also learn how to use the powder-coating equipment available.

Kokomo Sculpture fabricated by KACC students



Opportunities

Students leave the welding program with the skills needed to enter the workforce. Many students choose to further their education with specialized welding training, including enrolling at Hobart Welding School. Employers often contact KACC Instructors to provide employment opportunity information for students.

KACC students have worked on oil platforms, in the space industry, and in fabrication shops. Several KACC students have started their own design and fabrication businesses.

Alumni quotes...

"At 19 years old, I was able to secure a job and provide for myself. I was hired because of my KACC training, which prepared me to pass the 3G Vertical Certification Test."

- Luke Hopwood

"Through Kokomo Schools, I discovered my career passion and was able to pursue it in high school. KACC welding provided me with education, instruction, & hands-on opportunities to be successful at Hobart and after."

-Owen Moore

Kokomo Area Career Center



Pathways

Agriculture

Ag Mechanical
& Engineering
Precision Ag
Veterinary Careers

Business

Entrepreneurship
Kokomo CEO
Marketing

Construction

Construction Trades
HVAC
Electrical

Healthcare

Dental
C.N.A.
Exercise Science
Medical Terminology
Anatomy & Physiology
Biomedical
Medical Assisting



SCAN ME

Human Services

Human & Social Services
Cosmetology
Culinary Arts

Information Technology

Cyber Security

Manufacturing

Welding

Media Arts

Digital Design
Radio & TV Production

Public Safety

Criminal Justice

Smart Manufacturing

STEM

Engineering
Drafting & Design

Transportation

Auto Technology
Collision Repair

Contact Information

Director - Jonathan D. Schuck • Assistant Director - Travis Cunningham • Career Counselor - Christa Jordan

2415 S Berkley Road, Kokomo IN 46902 • 765-455-8021 • kacc.kokomoschools.com