

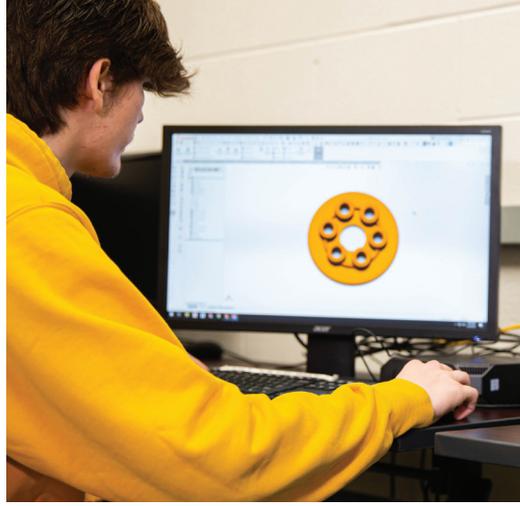
# BUILD YOUR *future*



OPTIONS &  
OPPORTUNITIES  
*at KACC*

2022-23





## KANKAKEE AREA CAREER CENTER

### *Preparing Students for Tomorrow*

#### ABOUT US

Kankakee Area Career Center (KACC) exists to meet the Career and Technical Education needs of regional high school students.

The underlying function of the Career Center is to prepare students to select viable career paths and obtain the training and skills essential for continuing education and/or their future careers.

#### ***Mission***

KACC strives to make students confident and creative builders of their future. Our focus is on the whole person. We work toward an integrated curriculum, reaching across disciplines and removing boundaries in an atmosphere of cooperation with respect for individual differences and community values. Students are encouraged to meet academic challenges with openness, enthusiasm, and a willingness to solve problems.

The information in this book will highlight course descriptions, dual college credit, industry standard certifications and licenses, as well as additional options and opportunities through National Technical Honor Society, SkillsUSA and Student Advisory Council.

#### ***KACC Exists to:***

- Prepare students for the transition from high school to the next level of development, whether it be college, the military, or straight into their careers.
- Teach and prepare students to identify their skills, interests and values as they relate to exploring career options.
- Provide students the opportunity to develop transferable skills by integrating technology into all career and technical education programs with state-of-the-art facilities and equipment.
- Provide work-site learning experiences whenever possible.
- Teach and emphasize the skills needed to attain the careers that students are considering.
- Articulate with post-secondary institutions to provide clarity around the application of credits and a smooth transition

## **Attending Schools**

Beecher High School	Herscher High School
Bishop McNamara	Iroquois West High School
Bradley-Bourbonnais	Kankakee High School
Community High School	Kankakee Trinity Academy
Central High School	Manteno High School
Crete-Monee High School	Momence High School
Donovan High School	Peotone High School
Grace Christian Academy	St. Anne Community High School
Grant Park High School	School

## **Skills USA**

SkillsUSA is both a state and national association serving high school, college and middle school students preparing for careers in trade, technical and skilled service occupations.

KACC students have an excellent reputation at SkillsUSA and have won many State Competitions in addition to National and even one student who moved on to International Competition.

In the 2019-2020 school year, 40 students joined SkillsUSA and were prepared to compete at state level. In 2019, KACC sent our Criminal Scene Investigations (CSI) Team on to National Competition in Louisville.

Students who participate with SkillsUSA receive the opportunities to add to their resumes not only through their accomplishments in competition, but also through their community service volunteer experiences.

## **Student Advisory Council**

Three students from each KACC Program are recommended to serve on our Student Advisory Council.

Students who are selected meet with Mr. Tim Guerin, KACC's Principal, to discuss a variety of issues and share their opinions. This group also volunteers in a variety of ways for school activities and annual KACC open house.

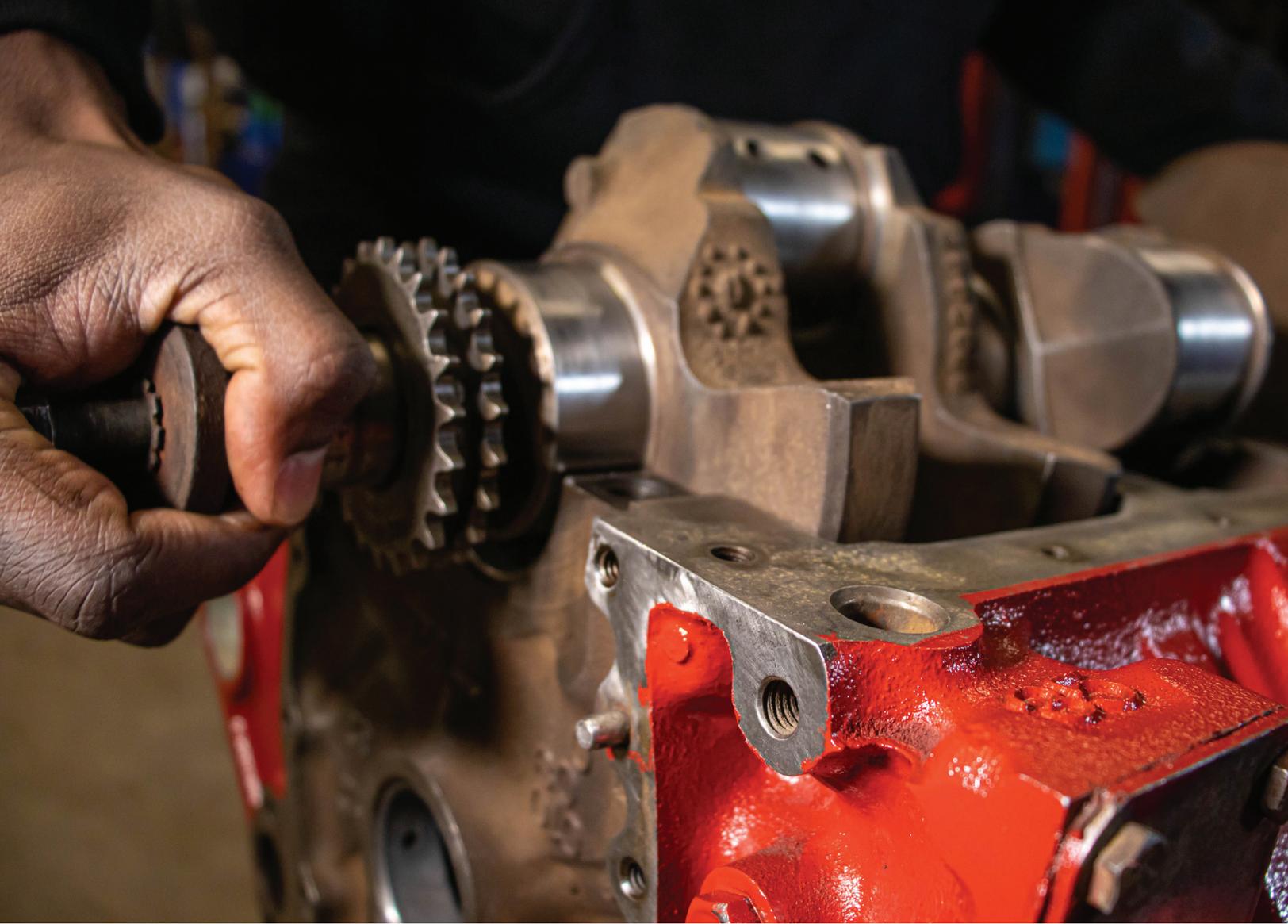
## **National Technical Honor Society (NTHS)**

NTHS honors the achievements of top CTE students, provides scholarships to encourage the pursuit of higher education and has been the acknowledged leader in the recognition of outstanding student achievement in career and technical education.

KACC students who reach benchmarks via a positive grade point average in their KACC program, excellent attendance, community service, and instructor recommendation may apply to become a member.

Students who qualify will be honored at the KACC NTHS Induction Ceremony in February of Each Year. This program speaks volumes about the quality students we serve at KACC.

This past year, 52 Students were inducted in NTHS.



# AUTOMOTIVE TECHNOLOGY



## AUTOMOTIVE TECHNOLOGY

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KACC's Automotive Technology students will learn how to verify customer concerns, diagnose problems and properly repair vehicles. Students will learn the simple skills like oil changes and light repairs, to the more complicated areas of electronic diagnosis and drivability.

KACC Auto Technology students can take what they learn in the classroom setting right into our full-service Automotive Lab, experiencing the day-to-day responsibilities of a technician. Students also learn about computer-based shop manuals, critical thinking, as well as traditional mechanical skills. Class time is approximately 50% in classroom and 50% in full-service auto shop.

### ***Dual Credit Opportunities***

KACC's Automotive Technology curriculum has been designed to include college-level material each year. The dual-credit curriculum is embedded throughout the entire program. Students may have an opportunity to earn dual college credit with Kankakee Community College.

This upcoming year will focus on brakes, steering, suspension and alignment.

- *AUTO 2243: Alignment, Steering and Suspension* — 3 Credits

Beecher High School and Crete-Monee High School:

- Students who complete two years in this program will have an opportunity to earn 3 credit hours at Prairie State in *AUTO 101: Basic Automobile Service & Systems*.

### ***Industry-Standard Certifications***

ASE Student Certification: Students will take the National Automotive Student Skills Standard Assessment (NASSA is the foundation for the ASE Student Certification Program, an integral part of an ASE-recognized pathway for new technicians as they enter and build their professional career.

- Snap-on DVOM Certification
- Ford ACE Certifications
- Procut Certification
- Electude Certifications

### ***Next Year***

College-level curriculum embedded into the course every year. Next year will be:

- *AUTO 1073: Ignition & Electrical Systems 1* — 3 Credits



# CERTIFIED NURSE ASSISTANT (CNA) TRAINING



# CERTIFIED NURSE ASSISTANT (CNA) TRAINING

Students enrolled in the CNA Training Program at KACC can become a CNA (Certified Nurse Assistant). The CNA Training program at KACC is taught by Registered Nurses (RN's) who are certified to teach the CNA program through the Illinois Department of Public Health.

In this program, students learn basic nursing skills such as vital signs, nutrition, rehabilitation and patient care to prepare them for continued education at the collegiate level, including 2-year, 4-year and university level in the healthcare field including:

- LPN
- Radiology
- Respiratory Therapy
- RN
- EMT-Basic
- Occupational Therapy
- Medical Technology
- Pre-Med
- Physical Therapy

## Dual Credit Opportunities

KACC's CNA Program is embedded with college-level coursework. Students may have an opportunity to earn dual credit hours at Kankakee Community College:

- *PNUR1438: Nursing Assistant (CNA)* — 8 Credits  
*Note: In order to earn dual credit, students must meet community college standards.*
- Accuplacer test score minimum 213 or above (Students will be tested at KACC in the fall)

## Industry-Standard Certifications

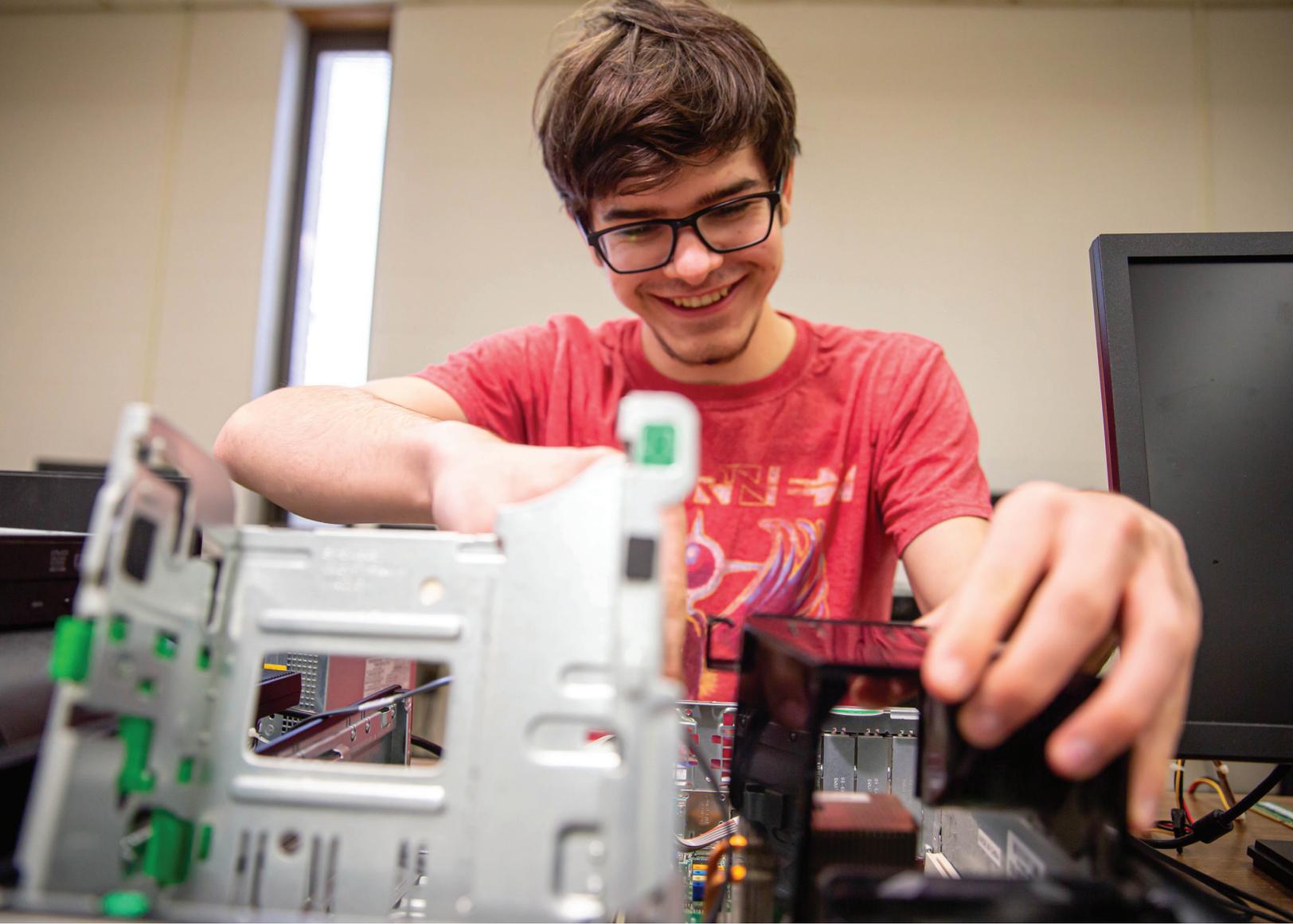
- Certified Nurse Assistant Certification: This certification is issued by the Illinois Department of Public Health. Students who meet IDPH and KACC Guidelines and maintain an 80% test score average may sit for the certification exam.
- American Heart Association CPR Certification: KACC CNA Instructors are Certified CPR Instructors with the American Heart Association. Students will learn basic life-saving techniques necessary for both adults and children.

## Tools and Supplies

- Watch (must have second hand)
- White shoes for clinical
- American Pocket notebook
- White uniform pants and navy scrub top
- Name badge purchased through KACC

## Requirements

- Centers for Medicare and Medicaid Services (CMS) regulations require medical professionals in health care facilities be fully vaccinated against COVID-19. According to CMS, this includes all students participating at a Medicare and/or Medicaid providers regardless of patient contact.
- Two-step TB test is required. KACC will attempt to schedule on-site two-step TB tests at KACC administered by Kankakee County Health Department. Students who miss this opportunity will be responsible to complete prior to September 30th.
- Fingerprint Background Check. Will be performed at KACC.
- Flu Shot -When flu shots become available in the fall, students are required to have the shot or agree to work with a mask on during clinical hours.
- A Hepatitis B vaccine (recommended) at students expense.



# COMPUTER TECHNOLOGY & NETWORKING



# COMPUTER TECHNOLOGY & NETWORKING

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Students learn through our Network Pro curriculum how to connect and install multiple computers and peripherals together to create a computer network. Students build, configure and maintain network servers along with configuring a network operating system.

Students learn to use troubleshooting services, system monitoring utilities and data backup and recovery systems. The course includes setting up and configuring network services such as TCP/IP, DHCP, DNS, VPN.

Network protection servers and data, including establishing and configuring a firewall; intrusion detection system; and identifying and preventing potential network attacks are embedded in this curriculum.

## ***Dual Credit Opportunities***

KACC's Computer Technology curriculum has been designed to include college-level material and includes PC Pro. The dual credit curriculum is embedded throughout the entire school year. Students who successfully complete this program may have an opportunity to earn dual college credit at Prairie State College:

- *INET 165: Intro to Networking* at Prairie State College.

## ***Industry-Standard Certifications***

*CompTIA A+ and Network+*

*Test Out*

## ***Next Year***

Computer Technology will focus on theory, repair and building. Students gain a solid foundation of theory on how a computer and other connective devices work.

A+ LabSim Test Out online software is used for simulating PC building and repair.

Dual Credit opportunity for *ITNET 160: Computer Repair* — 4 Credits



# CONSTRUCTION TECHNOLOGY



# CONSTRUCTION TECHNOLOGY

Yes, we're building a house! Our 24th in fact. Students in construction technology learn to build and maintain structures ranging from rough scaffolds, concrete forms and residential electric to skills needed which require exact finish work. They will gain experience working with wood, metal, plastic and concrete.

Utilizing both hand and power tools, our students are trained both in the classroom and shop prior to taking their skills to the home site. Like those in the construction trade, students erect wood frameworks, install window frames, apply exterior siding and install moldings, cabinets, doors, heating and cooling systems, plumbing and hardware finishes.

Construction Technology education gives the student the opportunity to participate in the different phases of residential construction, helping them decide which trade or craft they want to serve as an apprentice.

This program is designed as pre-apprentice training and will include the following areas of construction: carpentry, masonry, plumbing, heating, roofing, landscaping, painting, decorating and electrical wiring.

## ***Industry-Standard Certifications***

- OSHA 10 Certification: This 10-hour training program teaches workplace safety to reduce jobsite hazards. Students may have opportunity to earn their OSHA 10 Certification.

## ***Required Tools and Supplies***

- Calculator
- Speed square
- Carpenter's pencil
- OSHA approved hard hat
- Retractable Utility knife
- Chalk line
- 16 or 20oz. claw hammer with unbreakable handle
- 25' power return tape
- Nail apron - cloth is acceptable
- Leather work boots (steel toe not required)
- Safety glasses (first pair provided by KACC)
- Cat's claw

Total cost ranges from \$80 - \$200

Cold weather clothing, work gloves, rubber overshoes for mud are also recommended.



# COSMETOLOGY



## COSMETOLOGY

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The KACC Cosmetology Program provides the training necessary towards becoming a licensed cosmetologist in the State of Illinois. While earning hours toward licensure, students have the opportunity to acquire the skills needed in order to perform services.

The Cosmetology program is under the instruction of professional cosmetologists. KACC's licensed teaching professionals follow curriculum, rules and regulations established by the Illinois Department of Professional Regulation. This program provides hours of training to transfer to Paul Mitchell School of Cosmetology in either Bradley, Illinois or Tinley Park, Illinois.

Students have the opportunity to use this course as a "stepping stone" to complete licensure requirements. The program includes two full school years.

Students who take this course have the advantage of earning hours towards state licensure in the field of Cosmetology. Students receive instruction in theory knowledge, practical applications, and state board standards during their scheduled class time. Classes include but are not limited to: Professional Development, Color, Chemical Texture, Haircutting, Infection Control, Basic Nail Applications, Skin, Makeup, Hairstyling, Product Knowledge, Chemistry, Scalp Care, and Salon Business. Students will build upon the knowledge and skills attained during lecture and continue working both in the classroom and gain hands-on experience by working on each other in our salon.

### ***Industry-Standard Certifications***

- Cosmetology Hours: Upon successful completion of this program, students will have an opportunity to transfer hours to Paul Mitchell towards their Cosmetology License.



# EARLY CHILDHOOD EDUCATION & PRESCHOOL LAB



## EARLY CHILDHOOD EDUCATION & PRESCHOOL LAB

KACC's Early Childhood Education with Preschool Lab offers comprehensive training in early child development. In addition to developing professional skills in this rewarding field, students have an opportunity to develop competency in basic principles of child growth and development, engage in hands-on experiences with 3-, 4- and 5-year-olds in the onsite preschool lab and actively participate in planning and implementing curriculum activities within our lab.

Students gain skills and knowledge in areas such as guiding the behavior of children, growth and development, preschool operation, safety, first aid and are exposed to a variety of career profiles in home, public and private teaching settings.

Students plan and implement activities designed as formal lesson plans utilized in the preschool. Students gain experience acting as both a teaching team-member and leader.

Second-year students may have an opportunity to gain experience through an internship/job shadowing at a local daycare/preschool facility.

### Dual Credit Opportunities

KACC's Early Childhood Education curriculum has been designed to include college-level material. Dual credit curriculum is embedded throughout the entire school year. Students who successfully complete two years may have an opportunity to earn dual college credit depending on where they reside.

Kankakee Community College:

- *CDEV2223: 7D0 Art/Music Activities for Young Children* — 3 Credits
- *2253-7D0: Motor Development/Physical Activities* at Prairie State College
- *ECED105: Creative Activities for Children* — 3 Credits

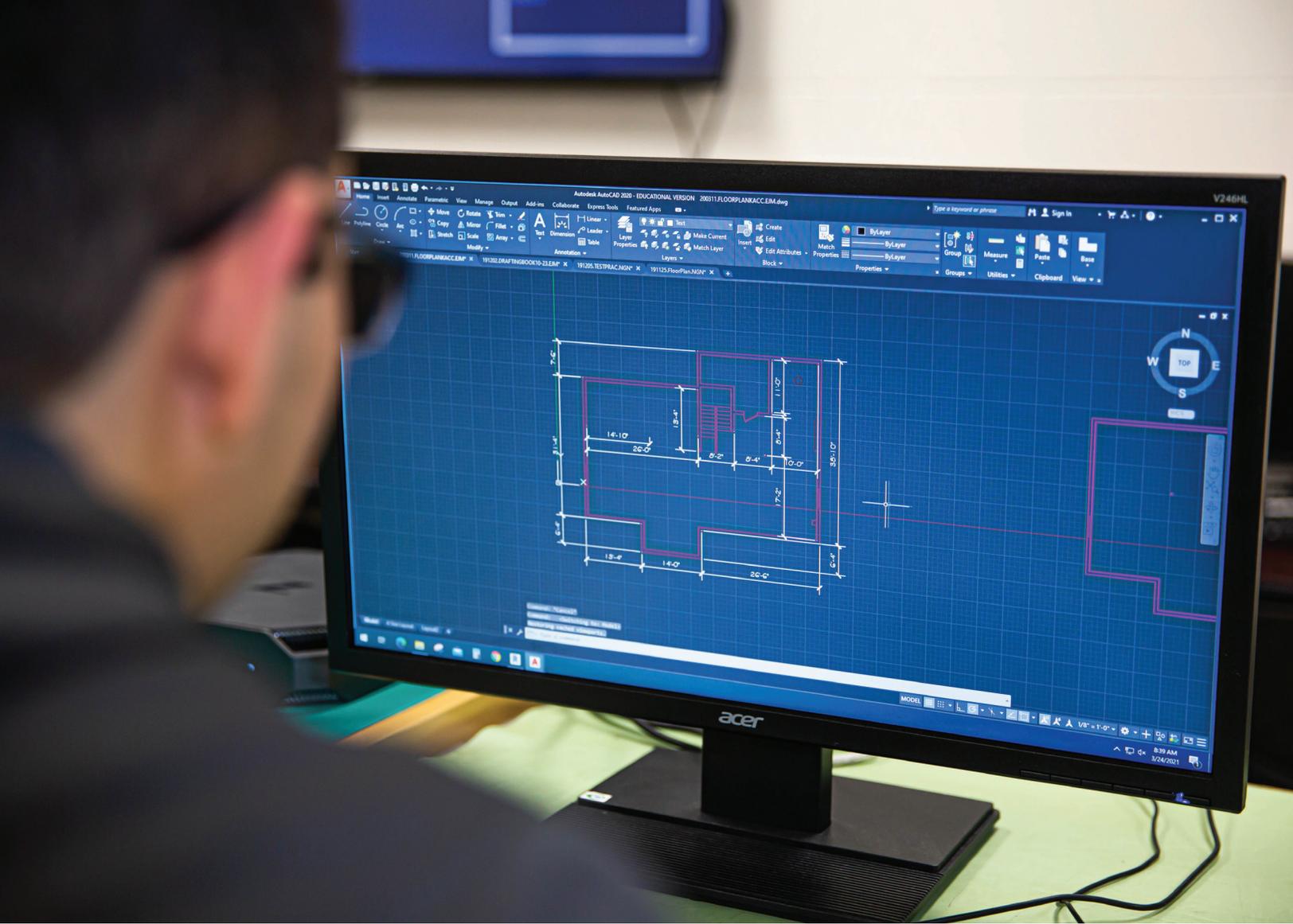
### Industry-Standard Certifications

- Gateways ECE Credential Level 1: This credential is for individuals interested in entering the field of early care and education and school-age care. The Gateways ECE Credential Level 1 provides an opportunity to gain knowledge about the daily practices of high-quality child care practitioners. The Gateways to Opportunity Early Childhood Education Level 1 credential is issued by the State of Illinois.
- American Heart Association CPR Certification: Students will learn life-saving techniques necessary for both adults and children.

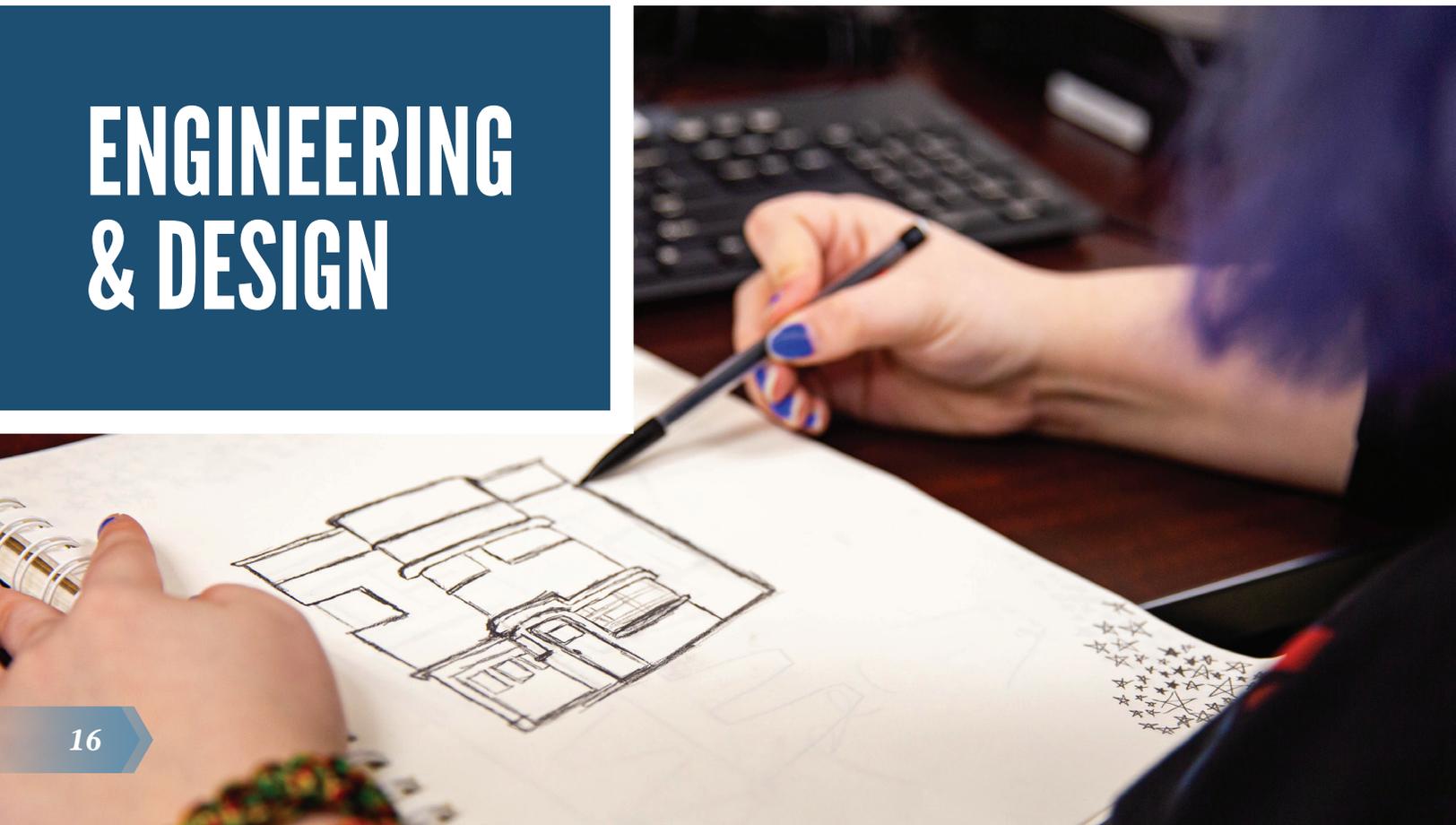
### Required Tools and Supplies

One-step TB test is required. KACC will attempt to schedule on-site one-step TB tests at KACC, administered by Kankakee County Health Department. Students who miss this opportunity will be responsible to complete prior to September 30th.

Full set of scrubs: available for purchase at several local stores. Students may be creative in color and patterns for preschool.



# ENGINEERING & DESIGN



# ENGINEERING & DESIGN

The Engineering and Design program at the Career Center is a two-year program offered to juniors and seniors. Even though this course is constructed around a two-year curriculum, sometimes students can only fit one year into their class schedule. These students are welcome to attend.

Students will have the opportunity to experience multiple Computer Aided Drafting (CAD) and 3-D Modeling Software. In our program, students will learn the fundamentals of the design process utilized by architects and Engineers. Students will work both independently and collaborate on projects with the opportunity to work with other professions and programs within the Career Center.

This year, our class will focus on learning AutoCAD along with a basic knowledge of Revit, Google SketchUp, and other similar software. Before exploring the different computer programs, our students learn the basics of sketching and drafting.

## ***Dual Credit Opportunities***

KACC's Engineering and Design curriculum includes college-level material. Students who successfully complete this program may have an opportunity to earn dual college credit depending on where they reside.

Prairie State College  
*Two-year Completers*

- *CADMD243: Intro to CAD— 3 Credits*

## ***Industry-Standard Certifications***

*Even graduating years*

- AutoCAD Certification

## ***Next Year***

Engineering and Design students will learn SolidWorks, a 3-D Design program used by mechanical engineers. This culminates with the certified SolidWorks Associate Examination to earn certification.

## ***Required Tools and Supplies***

- *Small calculator*
- *Sketch pad (\$4.00)*
- *Home computer with internet access, recommended for accessing free software (AutoCad, Sketchup, Revit, Inventor, Blender, 3dsMax)*



# FIRE RESCUE & EMERGENCY MEDICAL RESPONSE (EMR)



## FIRE-RESCUE & EMERGENCY MEDICAL RESPONSE (EMR)

Students will learn about fire and emergency medical response practices and procedures, as well as the skills necessary to be prepared for entry-level positions in these fields.

Curriculum will focus on the Office of the Illinois State Fire Marshal's Division of Personnel Standards Education objectives for Basic Firefighter.

This includes classroom instruction as well as extensive hands-on training sessions including ropes and knots, fire hose, ladders and self-contained breathing apparatus. At the conclusion of this class, students will experience simulated fire conditions in a non-toxic smoke trailer.

*Students who are thinking about enrolling need to be aware — certain aspects of the curriculum can be physically demanding.*

### **Industry-Standard Certifications**

Emergency Medical Response, emergency procedures, American Heart Association First Aid Certification; and comprehensive overview of fire department operations.

Dual college credit and industry standard certifications may include Emergency Medical Responder through IDPH, AHA CPR/AED, Stop the Bleed, and First Aide Certification opportunities will be offered.

### **Next Year Dual Credit Opportunities**

Curriculum includes college-level material. The dual-credit curriculum is embedded throughout the entire school year. Students who successfully complete this program may have an opportunity to earn dual college credit with Prairie State College.

- *FST101: Intro to Fire Technology* — 3 Credits
- OSHA 10-Hour General Industry (Healthcare) Certification: Emergency Medical Systems and Highway Safety.



# LAW ENFORCEMENT



## LAW ENFORCEMENT

Provides students with a basic introduction to all facets of law enforcement. Upon completion of the program, students have a working knowledge of law enforcement procedures and activities to enhance their success at the community college and university levels.

Students will be given opportunities to achieve basic proficiency in the following areas:

- Traffic & Accident Investigation
- Vehicle Stops and Approach
- Patrol & Arrest Techniques
- Telecommunications Skills
- Illinois Vehicle Code
- Corrections
- Drug Laws
- Courts & Legal System
- Interview Techniques
- Search & Seizure/Evidence Procedures/Crime Scene Investigation
- Illinois Criminal Code
- Fingerprint Techniques
- Criminal Investigation
- Report Writing
- Private Security

In this pre-law enforcement course, student experiences will involve simulations, demonstrations, guest lectures, tours of various law enforcement departments, and a shadowing program developed with the cooperation of the Kankakee County Sheriffs Police as well as other local police departments.

### Dual Credit Opportunities

Students who complete two years in this program may have an opportunity to earn up to 12 hours of dual college credit as follows:

Kankakee Community College  
*Odd Graduating Years*

- *LAWF 1513: Intro to Criminal Justice — 3 Credits*
- *LAWF 1613: Basic Criminal Law Course*

*Even Graduating Years*

- *LAWF-2723-7D0: Introduction to Corrections*
- *LAWF2733: Private Security*

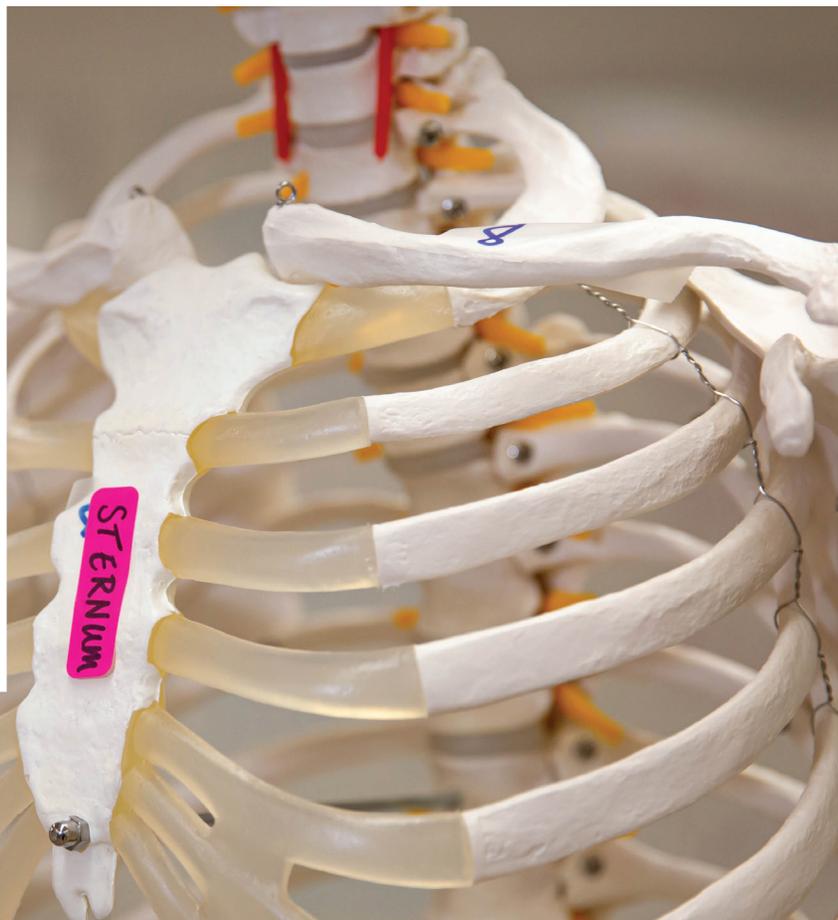
### Industry Standard Certifications

- Handcuffing Certification
- Self-Defense Compliance Holds
- American Red Cross CPR Certification
- Weather Spotter Certification
- NIMS I and NIMS II Certifications
- Stop the Bleed
- Global Compliance Network:
  - » Blood-borne Pathogen Certification
  - » Sexual Harassment in the Workplace
  - » Effective Communication Certificate
  - » Anaphylaxis and Anaphylactic Shock
  - » Cultural Competency and Racial Bias
  - » Teen Dating Violence



# MEDICAL TERMINOLOGY

## INTRODUCTION TO HEALTH OCCUPATIONS



# MEDICAL TERMINOLOGY

## INTRODUCTION TO HEALTH OCCUPATIONS

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This college level program is designed for students interested in a career in the healthcare industry. Students who successfully complete this course will acquire the knowledge and skills that will allow them to pursue an education and career in their choice of healthcare occupation.

The primary focus is on the development of both verbal and written skills in medical terminology. Students will be taught to identify medical terms by analyzing their components. Emphasis will be placed on defining medical prefixes, root words, suffixes and abbreviations.

This course is designed to expose students to the healthcare industry by surveying the wide spectrum of healthcare occupations and equipping them with the entry-level knowledge and skills that apply to a variety of health occupations. Students will be trained in hands-on skills such as taking vitals, donning PPE, etc. Students will learn life-saving procedures including CPR and will become First Aide certified through the American Heart Association

Students will have opportunities to earn volunteer service hours and may qualify to participate in internship and job shadowing programs which are highly desirable for both college scholarship and entry-level job applications.

### ***Dual Credit Opportunities***

KACC's Medical Terminology Program is embedded with college-level coursework. Students may have an opportunity to earn dual college credit hours depending on their place of residence.

Kankakee Community College

- *HLTH1312-7D0: Medical Terminology*— 2 credits

*Note: Students must meet KCC requirement of an Accuplacer test score 231 or above (Students will be tested at KACC in the fall).*

Prairie State College

- *HLTH105: Medical Terminology*— 3 Credits
- *HLTH100: Orientation to Health Careers*— 3 Credits

### ***Industry Standard Certifications***

- American Heart Association First Aide Heartsaver Certification: Students will learn life-saving techniques necessary for both adults and children.



# MULTIMEDIA PRODUCTION PROGRAM



# MULTIMEDIA PRODUCTION PROGRAM

Multimedia Video Production Program at KACC is a new learning experience for creative and media-minded students. In Multimedia Video Production, students learn strong skill sets in media literacy, photography, videography, editing, marketing and entrepreneurship.

In the realm of photography, students learn how DSLR camera's function and how to use them in manual mode, a preferred method by most professionals. Students also learn to perform advanced editing in Adobe Lightroom and Photoshop.

When it comes to Videography, students learn lighting, audio and video techniques to create videos in a variety of environments. Students utilize tripods, gimbals, drones and other cutting-edge equipment to create professional videos.

Multimedia Production takes the knowledge and skills accumulated and applies them in professional practices. Students will learn how to professionally communicate, meet and invoice to become hireable content creators in their chosen career path.

Some of the skills students will learn include:

- Manual Photography
- Portrait Photo
- Lighting
- Audio Production
- Drone Photography
- Drone Videography

This program will combine the development of important traits (critical thinking, logic and problem solving, effective communication, finance, adapting to changing technology and applying new skills), with students having an opportunity to learn and utilize professional multimedia techniques, including:

- Camera Techniques
- Digital Video Editing/Signage
- Trade Standards
- Script Writing/Story Boarding
- Lighting/Audio
- Direction/Production

## ***Dual Credit***

Prairie State College

- *Photo 267: Video Production* — 4 credits

*Note: For two-year program completers only*



# WELDING TECHNOLOGY



# WELDING TECHNOLOGY

KACC's Welding program is rooted in the fundamentals of most every welding and cutting process. Students gain a strong foundation to aide them as they move into a more formal educational setting whether it is college, apprenticeship, or on-the-job training.

First-year students learn both shielded metal arc welding and oxy-fuel welding; and, both manual and mechanized flame cutting. First-year students also cover welding symbols, measurements and industry safety.

During their second year, students will move into gas tungsten arc welding and wire feed welding processes – both solid wire and dual shield. Students will cover the plasma arc cutting process in addition to the air/carbon arc cutting and gouging process. Second-year students will also learn blueprint reading and fundamental metallurgy.

All students, whether first or second year, will have the opportunity to weld utilizing a wide range of joints in a variety of positions, from flat to overhead.

Welding careers offer a wide range of possibilities with excellent salary opportunities. Certified welders, fitters, inspection and design professionals to name a few.

## Dual Credit Opportunities

College level curriculum is embedded into the Welding Technology Program so students have an opportunity to earn college credit depending on their place of residence:

Kankakee Community College

*First-Year*

- *WELD1114-7D0: Basic Welding*— 4 Credits after first year in program

*Two-Year Completers*

- *WELD2224: Metallic Inert Gas Welding*— 4 Credits after second year in program

Prairie State College

- *Weld115: Basic Arc Welding*— 3 Credits after second year in program

## Industry Standard Certifications

- American Welding Society Scholars Excelling through National Standards Education (SENSE) Certifications: The SENSE program establishes standards for training of entry-level welders and is highly regarded by employers.
- SENSE Level I Certification after second year

## Required Tools and Supplies

- Welding jacket - all leather or leather sleeved
- All leather work style boots - must be above the ankle
- Leather welding gloves - gauntlet cuffed
- Welding cap - a baseball style cap that has no synthetic fibers is acceptable
- Welding hood #10 and #5 shaded lenses and extra clear protective lenses
- Clear safety glasses (first pair will be provided by KACC)
- MIG pliers - Chipping hammer - Wire brush - jeans or duck-cloth work pants (no rips or holes)
- Additional Costs: SENSE Certification \$15.00

## ***Board of Education***

Dr. John Palan  
*Chairperson*

Dr. Richard Decman  
*Vice Chairperson*

Tonya Evans  
*Secretary*

Dr. Jack Gaham

Dr. Matt Vosberg

Dr. Genevra Walters

Lisa Harrod

Shannon Anderson

Steve Stein

Charles Stegall

## ***School Administration***

Matthew Kelley  
*Executive Director*

Timothy Guerin  
*Principal*

Lucas Papineau  
*Assistant Principal*



Kankakee Area Career Center  
P.O. Box 570—4083 N 1000 W  
Road  
Bourbonnais, IL 60914  
Phone: 815-939-4971  
Fax: 815-939-7598  
Website: [www.kacc.org](http://www.kacc.org)

Kankakee Area Career Center offers career and technical education opportunities without regard to age, color, race, national origin, sex, religion or handicap. Additional information regarding this policy can be obtained by contacting the

