

# BACC PROGRAMS



## Certified Nurse Assistant

Learn essential principles and skills needed for a career in health care:

- Patient care: dressing, feeding, bathing, transferring
- Vital signs: height, weight, blood pressure, pulse, respirations
- Basic aseptic procedures

### Hands-on clinical experience:

- At nursing home 2 days a week from October-April

**Certified Nurse's Assistant (CNA) Certification available.**

**Dual credit with Heartland Community College available.**

**Available to: Juniors & Seniors**

## Health Careers and Medical Terminology

Medical Terminology will be studied by breaking down medical terms into word parts. Focus is on learning these word parts, spelling and pronunciation. We will explore a variety of medical careers with field trips, guest speakers, job shadowing, and research. Careers that will be studied include, but are not limited to:

- Sports Medicine
- Physical/Occupational Therapy
- Radiology
- Dental Assistant/Hygienist
- Respiratory Care

**Dual credit with Heartland Community College available.**

**Available to: Sophomores, Juniors & Seniors**

## Welding

Learn topics and develop skills needed to pursue a welding career in a classroom and lab setting on the HCC campus:

- Machine tool & Machining processes, Welding processes
- Safety, blueprint reading, basic math skills

### Work towards certification:

- American Welding Society (AWS)
- Shielded Metal Arc Welding (SMAW)

**Dual credit with Heartland Community College available.**

**Available to: Juniors & Seniors**

## Computer Technology and Networking

The goal of this class is for students to complete the CompTIA A+ Certification. Students will:

- Install, configure, and troubleshoot computer: hardware, software, and operating systems
- Learn about administering network systems
- Fieldtrips to local IT businesses and universities
- Internship opportunities with businesses and school IT departments

**Dual Credit with Heartland Community College available.**

**Available to: Sophomores, Juniors, & Seniors**

## Advanced CNA

Four days a week internships in area hospitals, clinics, and doctors' offices

- Hands-on experiences available in ER, ICU, Mother/Baby Units, Oncology, Pediatrics Offices
- Learn advanced skills such as inserting urinary catheters, blood glucose monitoring, EKG's, and venipunctures
- Introduction to pharmacology, mental health, respiratory therapy, nutrition, and specimen collection

*\*Students must take the Nurse Assisting class and be accepted to the Advanced CNA program after completing the application/interview process.*

## Fire Science

Prepare for a career in Fire Service. :

- Technical and hands-on skills
- Fire behavior, safety, rescue
- Fire control, extinguishers, fire hoses, ladders, ropes
- Ventilation, self-contained breathing apparatus, turnout gear
- Building construction
- Emergency medical responder

**First Responder Training Certificate available.**

**Dual Credit with Illinois Central College available.**

**Available to: Juniors & Seniors**

## Culinary Arts

Learn skills to pursue a career in the Culinary Arts and Food Service Industry with hands-on experience in a commercial quality kitchen lab:

- Safety and Sanitation
- Knife Skills & Techniques
- Tools & Equipment
- Measuring & Culinary Math
- Standardized Recipe Analyzation
- Catering through BACC Culinarian Creations Catering Company
- Culinary Community Events
- Commercial Baking Methods

**ServeSafe Food Handler, ServSafe Food Protection Manager, and**

**ServSafe Allergen Certifications Available**

**Dual Credit with Joliet Junior College available.**

**Available to: Juniors & Seniors**

## Trades and Manufacturing

Students will receive an overview of key employer and trade union career opportunities available BACC region. Students meet at various locations using local employer/union facilities to gain knowledge and skill training development. Current partners include:

- Bridgestone
- Core 3
- Brandt
- Evergreen
- Plumbers and Pipe Fitters Local 99
- IBEW Local 197
- IL Laborers' & Contractors
- Carpenters Union

**Available to: Juniors & Seniors**

[DISTRICT87.ORG/BACC](http://DISTRICT87.ORG/BACC)

**Ready to Apply? Questions?**  
**Visit the website above or call**  
**309.829.8671**

## Cosmetology

Attend classes at Hairmasters, a Pivot Point Legacy school, to gain competencies in 2 of the 5 classroom modules. These modules are needed in becoming a licensed cosmetologist.

### Module 1:

- Wet/dry; long/short styling
- Braids, curls, straightening
- Up and down styles

### Module 2:

- Adding/removing texture
- Perming, relaxing, chemicals, rod styles

**Hours accumulated go towards the requirements to sit for the Illinois State Cosmetology Exam.**

*Available to: Sophomores, Juniors, & Seniors*

## Barbering

Education will be provided in barber theory and practical application. Topics include:

- The history of Barbering
- Shaving and facial hair design,
- Treatment of the hair and scalp
- Men's haircutting and styling professional practices.

**Hours accumulated go towards the requirements to sit for the Illinois State Barbering Exam.**

*Available to: Sophomores, Juniors, and Seniors*

## Graphic Design & Video Production

Develop skills used by artists, animators, and designers in the multimedia/communications industry, including:

- Digital photography
- Vinyl printing
- Video production
- Audio editing

### Industry standard software package used:

- Photoshop, Illustrator, InDesign, Final Cut Pro X, Logic Pro
- Dual credit w/Heartland Community College available. Adobe Photoshop and Illustrator Certification available.**

*Available to: Sophomores, Juniors & Seniors*

## Robotics & Engineering

Students will apply concepts learned in physical science and physics classes to mechanical devices.

- Develop skills in mechanical design and construction
- Introduction to coding, electronics, robotics, and engineering
- Build robotic devices
- Explore Career Opportunities
- Explore Education needs for engineering fields

*Available to: Sophomores, Juniors & Seniors*

## Emergency Medical Technician (EMT) - Basic

- Emphasizes the care and handling of the critically ill and injured
- Assessment of illnesses
- Application of proper emergency care procedures

### EMT licensure test offered:

- After successful completion of EMT - Basic course
- Must be 18 years old & a High School Graduate

**Dual Credit with Heartland Community College available.**

*Available to: Seniors*

**FOR AN APPLICATION GO ONLINE: DISTRICT87.ORG/BACC**

*Dual credit information as of September, 2021, and is subject to change.*

## Criminal Justice & Law Enforcement

Students will learn aspects of law enforcement and the legal system, such as:

- Constitutional and IL law
- History of law enforcement
- Dispatch, report writing, administration
- Search and seizure, arrest, due process, crime models
- Interrogation techniques
- Crime Scene Investigation, investigation, security

### Other career cluster job topics:

- Probation, social work, corrections
- Paralegal, court reporting

*Available to: Sophomores, Juniors & Seniors*

## Automotive Technology

Classroom and lab activities prepare students for an entry level job or advanced training in the automotive technology field. Topics include:

- Engine, design operation, diagnostics
- Brake systems
- Steering and suspensions
- Alignment
- Electrical theory and repair

Perform service work using industry standard tools and equipment in a modern shop setting.

*Available to: Juniors & Seniors*

## Construction Trades

Build a residential home from the ground up partnering with Habitat for Humanity while learning:

- Foundations, framing, roofing
- Exterior, siding, trim
- Interior finish work, trim
- Blueprint reading, basic math
- Proper user of power tools
- Safety procedures
- Mechanical systems, electrical wiring, plumbing
- Cost estimates, scheduling

**OSHA 10 hour safety certification available.**

**CertainTeed Master Shingle Applicator Certification**

**Dual Credit with Heartland Community College available**

*Available to: Sophomores, Juniors, & Seniors*

## Geometry in Construction

- Integrated Geometry in Construction course. Common Cored aligned Geometry curriculum is taught in context of construction.
- Concepts within the course are organized to complement the skills and knowledge needed in the building process.
- Experience first handedly the direct correlation between your academic math course and real life
- Apply geometrical knowledge in constructing a tiny house, shed or assist with Habitat for Humanity House.

**Satellite Campus at NCHS & NCWHS**

*Available to: Freshman, Sophomores, Juniors & Seniors*

## Laborers' Training Program

Learning and training experiences include:

- General construction, mason tending, landscaping, asphalt, hoisting and rigging, blueprint reading, concrete, pipe laying

**All hours go towards becoming a Journeyman**

*Available to: Juniors & Seniors*