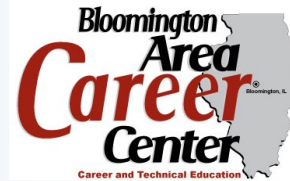


BACC PROGRAMS



Nurse Assisting

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.

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.

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.

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.

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 or as an Emergency Medical Responder (EMR) in this course:

- 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

First Responder Training Certificate available.

Dual Credit with Illinois Central College available.

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 Certifications Available

Dual Credit with Joliet Junior College available.

BACC.DISTRICT87.ORG

Questions?

Contact Mrs. Arbuckle at

arbucklep@district87.org or 309.829.8671

Participating Area Schools: Bloomington High School · Blue Ridge High School · Calvary Christian Academy · Central Catholic High School · Clinton High School · Cornerstone Christian Academy · El Paso-Gridley High School · Fieldcrest High School · Heyworth High School · LeRoy High School · Lexington High School · Normal Community High School · Normal Community West High School · Olympia High School · Ridgeview High School · Tri-Valley High School · University High School

Dual credit information as of September, 2019, and is subject to change on a yearly basis.

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.

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.

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.

Robotics & Engineering

NEW Course

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

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.

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
- Paralegal, court reporting

Automotive Technology

Classroom and lab activities prepare students for an entry level job or for advanced training in the automotive tech field:

Automotive topics covered:

- Gasoline engine diagnostics, design and operation
- ABS, rear braking systems
- Engine theory, fuel injection and emission
- Safety procedures
- Manual, automatic transmissions

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

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

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

FOR AN APPLICATION OR TO LEARN MORE, SEE YOUR SCHOOL COUNSELOR.