

# Discover HEALTHCARE SCIENCE

## Industry Overview

An aging population equals a booming business for healthcare providers. According to the U.S. Bureau of Labor Statistics, healthcare careers are projected to grow 18% by 2026, adding about 2.4 million new jobs in the field. Use your instincts for analytical thinking, problem-solving and caring for others in an exciting and meaningful career in caregiving.

## Butler Tech Healthcare Science Program Overview

Choose a career from more than 250 specialties in the healthcare field. Butler Tech's Healthcare Science pathway gives you the building blocks to your dreams, teaching students how to care for patients at all stages of life, collect vital signs, document changes over time and respond to life-threatening emergencies. During senior year, Healthcare students select one of two specific courses of study: patient care skills leading to state-tested nurse aid (STNA) certification, or surgical support leading to a phlebotomy certification.

## Hands-On Experience

Learn Healthcare Science by actually doing it. Butler Tech has a unique partnership with local hospitals and medical practices, offering students hands-on opportunities like:

- Clinical experiences
- Internship
- Job shadowing

Graduate from high school ready for an entry level position as a state-tested nurse aid (STNA) or Phlebotomist. Earn certifications and up to 60 college credits to apply toward a college degree in a more advanced course of study. Many students earn college scholarships upon successful completion of the Healthcare Science pathway.

## Student Organization

All students participate in the Health Occupations Student Association (HOSA), a career technical student organization for future health professionals. Compete in a variety of health-related challenges through HOSA to enhance your knowledge, skill and leadership development.

**bt** Butler  
Tech  
in Hamilton City  
Schools

## Coursework

- Diagnostics
- Health science and technology
- Medical assisting
- Medical terminology
- Patient-centered care
- Pharmacology
- Phlebotomy
- Principles of allied health and medicine
- Senior capstone  
*independent research project  
in the field of your choice*

## Certifications

- CPR
- First Aid
- LPN – Pathway  
for Senior Year
- Phlebotomy
- State Tested Nurse Aid  
(STNA)



Your **PASSION**. Your **PURPOSE**. Your **IMPACT**.

## Skills

### Service Orientation

Actively looking for ways to help people.

### Active Listening

Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.

### Social Perceptiveness

Being aware of others' reactions and understanding why they react as they do.

## Personality

### Social

People interested in this work like activities that include helping people, teaching, and talking. They do well at jobs that need:

- Adaptability / Flexibility
- Attention to Detail
- Concern for Others
- Dependability
- Integrity
- Trustworthy / Honest

## Career Pathways

- Lab Technician
- LPN
- Medical Assistant
- Nurse Assistant
- Nurse Practitioner
- Paramedic
- Patient Care Assistant
- Pharmacy Technician
- Physician
- Radiographic
- Respiratory Therapist
- RN
- Technician



**"We have the opportunity to learn what we want to do now, during high school, rather than waiting until after high school. It's a fast-track to what I want to pursue."**

Senior Student, *Healthcare Science*

**Discover Healthcare Science at Butler Tech and pursue a career that's right for you.**

Butler Tech connects high school students to career technical education in more ways than ever. Complete your traditional academic courses in half of each school day and fill the other half of your day with career-focused labs and on-the-job training. Each moment in a Butler Tech career technical program is a step toward building your future.



See your guidance counselor for application information.

[ButlerTech.org](https://www.butlertech.org)

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Updated 12-2022