



HEALTH SCIENCE

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PROGRAM OVERVIEW

Health Science students study topics such as human anatomy and physiology, medical terminology, medical ethics, CPR, and practical skills applicable to all health-related occupations. Year two includes an extended lab experience at a clinical site with the opportunity to earn CNA certification, and Ivy Tech Certificates in CNA and Dementia Care while at WCC. This program prepares students to work in long term care facilities, or to enter a health-related postsecondary program. The Pharmacy Technician certification is also available and completed outside of class time.

YOU WILL LEARN

- Anatomy, physiology, medical terminology, & medical ethics
- Patient care with a focus on nursing
- How to work with other health care professionals
- Overviews of other skilled areas, including physical therapy, respiratory therapy, imaging, & dental assisting

GET YOURSELF READY

To be successful, do well in all academic classes, be on track for graduation, and have a good work ethic. The following courses will be helpful in this career area:

- Preparing for College and Careers
- Digital Applications & Responsibility
 - Nutrition and Wellness
 - Interpersonal Relationships



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CERTIFICATIONS & DUAL CREDITS

American Heart Association CPR & First Aid
CNA (Indiana State Certified Nursing Assistant)

Dementia Care
Pharmacy Technician (Independent Study)

Ivy Tech Dual College Credits

HLHS 100	Introduction to Health Careers	3 credits
HLHS 101	Medical Terminology	3 credits
HLHS 102	Essential Anatomy and Physiology	3 credits
HLHS 107	CNA Prep	5 credits
HLHS 113	Dementia Care	3 credits

Dual credits are earned in both years.

Earn the Ivy Tech Certificates in CNA and Dementia Care at WCC. Take dual credit classes at your high school to work toward the next steps of a Technical Certificate and/or Associate in a health related field.

Students who have earned the Ivy Tech Certificate in CNA are eligible to participate in Ivy Tech Richmond's commencement ceremony.

* Dual credits & certifications offered are subject to change.

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NEXT CAREER STEPS

Upon completing this program, students may continue their education in 2 or 4-year postsecondary degree programs, obtain employment in the healthcare industry as a CNA or Pharmacy Technician, and/or use the certifications to work while continuing their education.

POTENTIAL CAREERS

• Registered Nurse	\$75,580
• Pharmacy Technician	\$38,050
• Nursing Assistant	\$34,250
• Respiratory Therapist	\$65,930
• Dental Assistant	\$43,920
• Medical Assistant	\$39,920
• Occupational Therapist	\$87,510
• Occupational Therapy Assistant	\$55,390
• Physical Therapist	\$92,790
• Physician Assistant	\$122,850
• Nurse Practitioner	\$121,730

Indiana Department of Workforce Development, Oct 2024

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TRANSCRIPT INFORMATION

NEXT LEVEL PROGRAM OF STUDY

Cluster: Health Sciences

Pathway: Pre-Nursing

HEALTH SCIENCE YEAR I

*Course sequence subject to change.

DOE Course Codes:

7168	Principles of Healthcare	1 credit per semester
5274	Medical Terminology	1 credit per semester
7166	Healthcare Specialist: CNA	1 credit per semester

Co-requisites: Courses must be taken concurrently

Recommended Grade Levels: 11, 12

HEALTH SCIENCE YEAR II

DOE Course Codes:

7255	Health Care Capstone	2 credits per semester
7166	Health Science Specialist: CNA	1 credit per semester

Prerequisite: Year I

Recommended Grade Level: 12



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