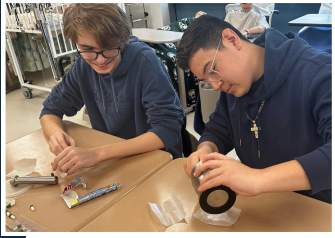


## ABOUT THE SHOP

The Health Sciences core curriculum emphasizes the clinical and administrative side of healthcare. Students in the program will study medical terminology, anatomy, physiology, pathology, medical ethics, and medical procedures for various careers as they prepare for postsecondary opportunities in the field. Students may apply for a paid hands-on clinical experience at St. Luke's University Health Network (SLUHN) during the senior year of the program. While employed at SLUHN, students can work in several areas according to their interests, such as patient care, operating room, emergency room, laboratory, or radiology. This program is designed to prepare students to enter the healthcare workforce, and/or further their educational experience.



### CERTIFICATIONS

- OSHA 10-hour certification
- BLS CPR certification (sophomore and senior year)
- National Healthcareer Association (NHA) Certified Clinical Medical Assistant Certification

### COLLEGE CREDIT EARNED

Dual enrollment at Warren County Community College

- 3 college credits MED 176 Anatomy, Physiology, and Pathology
- 3 college credits MED 177 Medical Terminology

### CAREER PATHWAYS

- Certified Nursing Assistant
- Certified Medical Assistant
- Nurse
- Dietitian
- Physical Therapist
- Occupational Therapist
- Nurse Practitioner
- Physician Assistant
- Pharmacist
- Psychologist
- Mental Health Counselor

#### For More Information

Mrs. Lana Shanahan  
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[@wcts.healthsciences](https://www.instagram.com/wcts.healthsciences)

### GO FOR THE GOLD AT SKILLSUSA!

Each year, Health Science students participate in SkillsUSA, demonstrating their skills in a variety of categories, including First Aid/CPR, Health Knowledge Bowl, Medical Math, and Medical Terminology. These events offer an invaluable opportunity for students to refine their abilities, earn recognition, and prepare for successful careers in the health industry.



### MEET THE INSTRUCTOR

Mrs. Lana Shanahan has been teaching at Warren County Technical School for four years. She has been a nurse for 24 years and a Registered Dietitian for 32 years. Before beginning her teaching career, she worked as a nurse in Long Term Care, Sub-Acute Rehabilitation, Acute Rehabilitation, Palliative Care, and Home Care. She also worked as a Dietitian in Public Health, palliative care, and hospital settings.





# Health Sciences

## Course Outline

### HEALTH SCIENCES 1

- Unit 1: Safety in the healthcare work environment and infection control
- Unit 2: Healthcare History
- Unit 3: Healthcare Facilities
- Unit 4: Healthcare Careers
- Unit 5: Anatomy and Physiology
- Unit 6: Vital Signs
- Unit 7: Nutrition & Diet/Human Growth

### HEALTH SCIENCES 2

- Unit 1: Certified Nursing Assistant Skills (bed making, transfers, bed baths, dressing, infection control, feeding, etc.)
- Unit 2: Medical math and medication administration
- Unit 3: Introduction to Medical Terminology and Body Systems

### HEALTH SCIENCES 3

- Anatomy, Physiology, and Pathology (skeletal, muscular, cardiovascular, lymphatic system, and reproductive system anatomy and diseases)
- Medical Terminology - (Introduction to medical terminology associated with the skeletal system, muscular system, cardiovascular system, lymphatic system, reproductive systems)
- Medical Assisting Skills (ECG, phlebotomy, assisting in surgical procedures, assisting with physical exams)
- Vital Signs
- Medical office laboratory tests (urine, strep, biopsies, and blood tests)

### HEALTH SCIENCES 4

- Anatomy, Physiology, and Pathology (respiratory, digestive, urinary, nervous, special systems, integumentary, and endocrine system)
- Medical Terminology - (Introduction to medical terminology associated with the respiratory, digestive, urinary, nervous, endocrine, integumentary, and special (eye, ear, nose) systems)
- Medical Assistant Skills (Medical coding, billing, scheduling, insurance)