



CAREER PATHWAY

ALLIED HEALTH & NURSING

Home Health Aide | Nursing Assistant | Phlebotomist | Licensed Practical Nurse | Surgical Technologist | Registered Nurse | Nurse Practitioners

CAREER TECHNICAL COURSES

- 7** | Health Science and Technology (7th-8th)
- 8** | Career Connections (7th-8th)
- 9** | Medical Terminology
- 10** | Principles of Allied Health
- 11** | Human Anatomy & Physiology
- 12** | Patient Centered Care and Diagnostics

INDUSTRY CREDENTIAL OPPORTUNITIES

- Certified Clinical Medical Assistant - **12 Points**
- National Certified Phlebotomy Technician (NCPT) - **12 Points**
- Certified EKG Technician (CET) - **3 Points**
- Mental Health Technician - **6 Points**
- Certified Medical Laboratory Technician (CMLT) - **12 Points**
- Ohio Driver's License - **1 Point**
- OSHA-10 - **1 Point**
- CPR First Aid - **1 Point**
- Leadership Excellence - Student - **3 Points**
- Lean Six Sigma Yellow Belt - **3 Points**
- Lean Six Sigma Green Belt - **6 Points**

COLLEGE CREDIT OPPORTUNITIES

Students who demonstrate proficiency in career tech courses in approved secondary programs can receive college credit for their approved coursework.

POTENTIAL PLACEMENT & INCOME -



**May 2022 State Occupational Employment and Wage Estimates for Ohio*

Home Health Aides | \$27,910

Nursing Assistants | \$34,110

Phlebotomists | \$36,360

Licensed Practical Nurses | \$52,330

Surgical Technologists | \$55,230

Registered Nurses | \$78,450

Nurse Practitioners | \$117,440



in partnership with



BUCKEYE HILLS
CAREER CENTER

ALLIED HEALTH & NURSING



SUBJECT
CODE

072001

HEALTH SCIENCE AND TECHNOLOGY

This first course in the career field provides students an overview of the opportunities available in the healthcare industry. Students will learn fundamental skills in effective and safe patient care that can be applied across a person's lifespan. They will also be introduced to exercise science and sports medicine, the field of biomedical research and the importance of managing health information.

SUBJECT
CODE

990364

CAREER CONNECTIONS

In this course, students investigate how classroom learning translates into marketable skills. Through hands-on learning and local business involvement, students will engage in career-related experiences to acquire basic skills in various career fields. This provides students with tangible experiences to begin career decision making. Teachers have the flexibility to select career fields related to Ohio's in-demand jobs represented in the community.

SUBJECT
CODE

072150

College Credit
CTMT001
3 Credit Hours

MEDICAL TERMINOLOGY

This course focuses on the applications of the rules for constructing and defining medical terms with an emphasis on building a working medical vocabulary. Topics include using the appropriate abbreviations and symbols for anatomical, physiological and pathological classifications and the associated medical specialties and procedures. Students will decipher medical terms by identifying and using word elements with an emphasis on derivation, meaning, and pronunciation. Further, students will interpret and translate medical records and documents.

SUBJECT
CODE

072035

PRINCIPLES OF ALLIED HEALTH

In this, first course students will apply knowledge and clinical skills necessary to assess, plan, provide, and evaluate care to patients in varied healthcare settings. Students will apply first aid principles and techniques needed for response to choking, cardiopulmonary resuscitation, and other life-threatening emergencies. Emphasis will be placed on regulatory compliance, patient safety, pathophysiology, and medical interventions. Additionally, this course introduces psychomotor skills needed to assist individuals in meeting basic human needs.

SUBJECT
CODE

072040

HUMAN ANATOMY AND PHYSIOLOGY

In this course, students will demonstrate knowledge of body systems with emphasis on the interrelationships between structure and physical function. Students will analyze and evaluate how the body systems respond to physical activity, disease, and aging. Students will use data acquisition software to monitor abnormal physiology and body functions (e.g., muscle movement, reflex, respiratory, and voluntary actions). Further, students will analyze descriptive results of abnormal physiology and evaluate clinical consequences.

SUBJECT
CODE

072055

PATIENT CENTERED CARE AND DIAGNOSTICS

In this course, students establish and implement treatment plans while providing primary nursing care. Topics include pharmacology, phlebotomy, mental health nursing and acute care nursing. Students use diagnostic techniques to develop patient health assessments. Emphasis is placed on the synthesis of information gathered through health history, observation, and the detection of deviations and variations from normal physical characteristics. In addition, students learn the legal and ethical principles needed to function within the scope of practice.