



CAREER & TECHNICAL EDUCATION



CLINICAL



**JACKSON
HIGH SCHOOL**
330-837-3501



CLINICAL HEALTH CARE SERVICES



Curriculum

Clinical Health Care

The curriculum will be offered under the Health Science Career Field and will focus on nurse assisting, which includes full preparation and testing to become a Certified Nursing Assistant (CNA), as well as an introduction to basic pharmacology. Students will receive OSHA-10, CPR, and First Aid certifications. Students will have an opportunity to observe and experience various clinical environments and volunteering opportunities, including: healthcare settings, blood drive organization and support, health screening support (hearing and vision), and other health related activities. This program is ideal for hardworking male and female students who are interested in health related fields. We are partnering with area healthcare providers and post-secondary institutions to keep up-to-date with the most current and innovative educational trends in the healthcare industry

For More Information
330-837-3501

Ann Capuano, Clinical Instructor, ext 1532
Donna Jeffers, Assistant Principal,
Career & Tech Director, ext. 1407

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This is a 2 year program

Junior Year - 3 credits

Principles of Allied Health Medicine - Students will apply knowledge and clinical skills necessary to collect data, 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.

Nutrition and Wellness - Students will increase their knowledge of comprehensive health and wellness. Students will be able to identify the components of fitness and communicate the relationship between physical fitness, physical performance, injury prevention, and nutritional intake. Students will evaluate an individual's state of nutrition based upon the impact of personal choices and social, scientific, psychological, and environmental influences.

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.

Senior Year - 3 credits

Patient Centered Care - Students will apply psychomotor nursing skills needed to assist individuals in meeting basic human needs. Students will collect patient's vital signs including temperature, pulse rate, respiration rate, and blood pressure. Students will focus on infection prevention, universal precautions, proper patient identification, specimen acquisition, handling, and processing. Additionally, students will observe patients' physical, mental and emotional conditions, and document any change.

Pharmacology - Students will apply the principles of pharmacology in order to read, interpret and dispense prescriptions. They will learn how medications are classified and administered. Students will study the impact of drugs on different systems of the body, interaction for drugs, side effects and effectiveness in relation to dosages. The mitigation of hazards are emphasized.