

Lakeland Community College Allied Health Technologies Tech Prep Program

Lakeland Community College, Kirtland, Ohio

<http://www.lakelandcc.edu/ACADEMIC/TECHPREP/health.htm>

This year's senior class has been busy with their medical terminology class which gives them college credit from Lakeland Community College. These credits are offered during their Med Tech related class which gives them a head start next year. Seniors have also been interviewing for their medical positions at Hillcrest Hospital and many other doctor and dental offices. This is a part of their program and they will be employed this entire year. Other seniors are busy learning medical skills in the classroom this semester. The students will transfer knowledge to the clinical setting at University Richmond Heights location in the second semester. The seniors gave a welcome breakfast for the junior students on September 29th. These Med Tech juniors had an excellent full day experience at Tech Prep Leadership Camp held at Lake County YMCA this September. The camp permits students to work in a group to complete various tasks using problem solving, deductive reasoning, and team work. These skills will be very valuable as students transfer their medical/clinical experience.

The Tech Prep curriculum is designed to prepare students for high technology careers by blending academic and technical subjects that emphasize problem-solving and critical thinking skills. The program also prepares high school graduates to pursue an Associate Degree (two-year) in a Health Technology field. The objective of the Allied Health Technologies curriculum is to prepare students for a career in one of the following areas: Dental Hygiene, Histological Technology Major, Medical Laboratory Technology, Multi-Skilled Health Technology, Nursing (RN), Ophthalmic Technology, Radiologic Technology, Respiratory Therapy Technology and Surgical Technology.

High School Curriculum for Practical Nursing (Mentor High School)

http://www.mentorhigh.com/techprep/robinson_heike/nursing.html

Major topics covered during the senior year of high school include: Anatomy and Physiology, Microbiology, Nursing Fundamentals, Nursing Skills, Nutrition, Growth and Development, Medical Terminology, Medical Math, Medical Surgical Nursing, Obstetrical Nursing, Geriatric Nursing and Pharmacology.

Career Pathway Options

Associate of Applied Science Degree in Nursing (RN) 2-year program

Employment as Licensed Practical Nurse directly out of HS upon completion of the program and passing the NCLEX-PN

The program also has advanced placement in most nursing programs in northeastern Ohio.

Occupational Need

- The number of jobs in nursing is expected to grow by 21 percent faster than the projected rate of 12.5 percent for all occupations in Ohio.
- The fastest growing occupation will be licensed practical nursing which will grow at 25.2 percent
- LPN's will provide 16430 job openings and RN's will have 36,080 openings.
- The State of Ohio Board of Nursing Workforce Survey Summary in December 2004 indicates that 10% who indicate starting as an LPN, RN respondents also identify diploma education (29%), associate degree education (37%) and Baccalaureate education (23%) as the first level of nursing education they completed. The highest level of nursing education completed by RN respondents is equally distributed between the diploma (31%), the associate degree (29%) and the BSN (31%). An additional 8% of RNs hold a master's degree in nursing and .4% hold a nursing doctorate.

<http://www.nursing.ohio.gov/PDFS/workforce/NurseWorkforceSurvey.pdf>

The Ohio Nursing Board regulated Licensure of nurses in Ohio.
http://www.nursing.ohio.gov/Law_and_Rule.htm

Career Technical Planning District Consortium Member Schools include the following

[Ashtabula County JVS](#)

[Auburn Career Center](#)

[Lake Shore Compact](#)

[Mayfield Excel T.E.C.C.](#)

Lakeland Community College and the Tech Prep school districts have formed an articulation agreement to receive credit for specific coursework to pursue your Tech Prep field of study. The following Tech Prep programs have developed Articulation Agreements:

Allied Health, Biotech, CAD/Engineering, Computer Information Systems, CNET, Interactive Media, and Practical Nursing.

Through cooperation and agreements with four year universities, students also have the option of continuing their education toward a bachelor's degree.