



MHPC Medical Laboratory Technician Program

In developing the MHPC Medical Laboratory Technician program, the curriculum was designed with specific goals in mind. Upon successful completion of the program and initial employment, graduates should be able to demonstrate entrance-level competencies in the following major areas of professional practice:

- Collection, handling, preparation, and storage of biological specimens for laboratory analysis.
- Performance of technical analyses on body fluids, cells, products, and organisms.
- Recognition of factors that affect procedures and results and take appropriate action within predetermined limits.
- Ability to operate basic laboratory instrumentation.
- Performance of quality control measures on instrumentation and technical analyses.
- Recognition of and adherence to clinical laboratory safety policies.
- Ability to troubleshoot instrumentation and technical analyses.
- Ability to perform preventative and corrective maintenance on basic laboratory equipment and instrumentation.
- Ability to recognize when to refer instrumentation problems to the appropriate sources.
- Demonstration of professional conduct with patients and health care workers both within and outside the laboratory.
- Demonstration of effective interpersonal communication skills.
- Demonstration of knowledge of the relationship of laboratory findings with common diseases processes.
- Demonstration of knowledge of reporting patient results using a laboratory computer information system.
- Recognition of the need for continuing education in professional practice and action on that recognition.