GOAL, PURPOSE, AND OUTCOMES

Program Goal

Minimum Expectations

The goal of the Medical Laboratory Technician Program is to prepare competent entry-level technicians in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

The purposes of the Northwood Tech Medical Laboratory Technician program are
- To provide learning experiences necessary for the individual to become a certified Medical Laboratory Technician
- To provide career mobility and a base for further education in healthcare
- To fill a need for Medical Laboratory Technicians in the Northwood Tech geographic area
- To, upon graduation, provide an opportunity to complete the Medical Laboratory Technician, MLT (ASCP) certification examination through the ASCP Board of Certification (BOC) by meeting the minimum requirements of Route 1.

After completion of this certificate, employers will expect students to be able to
- Perform various levels of complex laboratory testing procedures under appropriate supervision
- Correlate types of laboratory tests and patient history to the written diagnosis
- Collect, transport, handle, and process blood and other specimens including proper patient identification and labeling according to designated standards
- Determine pre-analytical, analytical and post-analytical variables that affect specimen collection
- Recognize conditions that might alter collections
- Demonstrate professional interpersonal skills with patients, family members, and other healthcare personnel
- Perform within legal and ethical boundaries
- Demonstrate appropriate written, verbal, and nonverbal communication in a variety of clinical contexts
- Integrate social, mathematical, and physical sciences in decision making
- Provide patient-centered care by utilizing proper, efficient processes across diverse populations and healthcare settings
- Minimize risk of harm to patients, providers, and self through safe individual performance and participation in system effectiveness
- Collaborate as an active member of the multidisciplinary healthcare team to provide effective patient care throughout the lifespan
- Use information and technology to communicate, manage data, mitigate error, and support decision making
- Comply with federal, state, and locally mandated regulations and policies regarding safety practices including HIPAA
- Practice standard and expanded precautions including infection control procedures

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