PROGRAM OUTCOMES

Medical Laboratory Technician

Upon graduation from Hibbing Community College and initial employment, the medical laboratory technician will be able to demonstrate entry-level competencies in the following areas of professional practice:

1. Working collectively and collaboratively exhibiting skills in leadership, perseverance, and integrity.

2. Identifying, collecting, and processing patient specimens in accordance with current HIPAA laws and regulations.

3. Adhering to and practicing all clinical safety guidelines to include chemical, biological, and safety as it relates to patient laboratory testing.

4. Demonstrating identification and understanding of basic red cell and white cell development stages and morphologies and relating findings to hematologically normal as well as diseased states.

5. Demonstrating a basic understanding of urinalysis and body fluids in chemistries and microscopic findings relating to healthy and diseased states.

6. Demonstrating a basic understanding of microbiology, and mycology in identification methodologies and findings in normal as well as disease states.

7. Possessing foundational knowledge of blood banking to include blood typing, antibody identification, transfusion services, neonatal workups, component therapy, and administration.

8. Working concept of the bodies chemistries, systems, and markers including acid/base balance, proteins, enzymes, therapeutic drug monitoring, toxicology and instrumentation.

9. Persevering in becoming life-long learners, exemplifying critical thinking skills and a desire for personal engagement in and out of the field.