MEDICAL TECHNOLOGY

Mission Statement
The Medical Technology Program offers a baccalaureate degree of highest quality in clinical laboratory sciences, enabling the graduates to develop successful careers in bio-medical technology fields and to pursue advanced degrees in related fields. The faculty of the program strive to advance the knowledge, technology, and education methods in clinical laboratory sciences; to maintain clinical affiliations with local and regional health care facilities and serve as a source of well qualified personnel to staff their clinical laboratories; and to promote and enhance the public’s knowledge regarding the profession of clinical laboratory sciences and the UWF Medical Technology program.

Student Learning Outcomes
UWF Medical Technology graduates should be able to do the following:

Content
- Recognize and apply concepts, principles, and theories from the sciences that underlie clinical lab skills (e.g., biochemistry, pathophysiology)
- Apply methodological principles from clinical courses
- Recognize and apply principles of quality assurance
- Use medical technology terminology accurately
- Describe career opportunities available in clinical laboratory science, including opportunities in independent practice
- Articulate frontiers of knowledge in chosen profession

Critical Thinking
- Distinguish abnormal from normal results
- Interpret and evaluate clinical procedures and results
- Make and confirm sound diagnostic conclusions
- Predict clinical course following diagnosis
- Conduct research using appropriate literature
- Select and apply appropriate statistical procedures to evaluate data

Communication
- Select, operate, and maintain appropriate strategies for recording and reporting results
- Communicate effectively with related medical discipline professionals and service providers
- Interact effectively with patients using calm and reasoned judgment and sensitivity to patient characteristics?
- Make professional oral presentations of findings
Integrity/Values
- Articulate appropriate professional responsibility for patient’s welfare
- Recognize and adhere to applicable professional regulations, ethical standards, and program’s code of conduct
- Advocate for effective, timely, accurate, and cost effective service to demonstrate commitment to patient’s welfare
- Maintain confidentiality of patient information

Project Management
- Correlate results from various procedures with management of patient’s condition
- Research, develop, and perform new laboratory procedures and evaluate effectiveness
- Enact principles of best practice for lab management
- Enact principles of best practice for human resource management

Hazard and Risk Management
- Recognize and describe principles and regulations regarding lab safety
- Practice lab safety procedures and protocols
- Identify and prevent medical error or minimize consequences of medical error

Evaluations of Student Learning Outcomes
Graduates of the program take one or both of the National Board Certification exams given by ASCP-BOR (American Society of Clinical Pathologists-Board of Registry) or NCA (National Credentialing Agency for Medical Laboratory Personnel). Program performance reports with student scores in each area tested as well as the Program’s performance in relation to other programs in the nation are used to assess the effectiveness of the program in preparing students with knowledge and skills required on the job market (as described in ALC).

Job Prospects for Medical Technology Graduates
- Staff Medical Technologist
- Toxicologist
- Crime Scene Investigator
- Lab Manager
- Lab Outreach Director
- Product & Sales Rep
- Program Analyst
- Hematologist
- Molecular Diagnostician
- Compliance Officer
- Quality Assurance Officer
- Business Developer
- Health Scientist
- Technical Supervisor
- Outreach Director
- Clinical Chemist
- Bloodbank Administrator
- Immunodiagnostician
- Information Systems Manager
- Science Faculty

Find Out More about Medical Technology at UWF:
www.uwf.edu/medicaltechnology

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