

## MLT Admission and Progression Criteria

### Medical Laboratory Technology Program Description:

The Medical Laboratory Technology Program provides quality didactic and clinical education and instruction in clinical laboratory sciences. The program prepares graduates to function as competent entry-level professionals in laboratory testing. Medical laboratory Technicians perform analytical tests on human body fluids and tissues, providing data essential for diagnosis, treatment, and management of disease or for the maintenance of wellness.

### Program Outcomes:

- Demonstrate critical thinking skills for inquiry and analysis assimilation of facts and knowledge, and problem solving
- Demonstrate the ability to comprehend, apply, analyze, and evaluate clinical information relevant to their role as a Medical Laboratory Technician.
- Demonstrate entry-level technical competency in all skills necessary to fulfill their role as a Medical Laboratory Technician.
- Demonstrate proficiency in written and oral communication and mathematical reasoning
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- Demonstrate personal behaviors consistent with professional and employer expectations of an entry-level Medical Laboratory Technician.
- Demonstrate the necessary knowledge to pass national certification examinations and meet the criteria for licensure established by the Tennessee Medical Laboratory Board.
- Render professional and personal service to patients, physicians, other laboratory professionals and the community.

### Admission Requirements:

1. The students must
  - a. Meet all college general requirements for admission as a degree-seeking students (as stated in the catalog) and be admitted to the college.
  - b. Complete all required Learning Support courses prior to applying for admission.
  - c. Have earned a cumulative grade point average (GPA) of 2.5 or above on a 4.0 scale for academic courses required in the MLT program.
  - d. Must be 18 years old by the application deadline as published on the program webpage.
  - e. Complete all program application requirements by the application deadline. This includes the review of the MLT Applicant Handbook.
2. To be eligible for admission, the student must have completed or in process the following courses with a "C" or greater by the application deadline and have completed or be enrolled in MLAB 1301:
  - a. ENGL 1010
  - b. BIOL 2010
  - c. BIOL 2020
  - d. BIOL 2230
  - e. MATH 1530
  - f. CHEM 1010 or 1110

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3. College credit for BIOL 2010 (A&P I), BIOL 2020 (A&P II) and BIOL 2230 (Microbiology) must be within 8 years of starting the program with a minimum grade of "C" or higher.
4. Eligibility for admission does not imply or guarantee admission to the program. All students meeting minimum criteria will be considered competitively, using the published applicant ranking tool.
5. Before beginning the MLT program, all students are expected to demonstrate the following Core Performance abilities upon which the program can build:
  - a. Vision: Able to read and interpret charts, graphs, and labels; read and interpret instrument panels and printouts; discriminate colors, hue, shading or intensity and clarity; read microscopic material and record results.
  - b. Speech and Hearing: Able to communicate effectively and sensitively in order to assess non-verbal communication; adequately and accurately transmit information; follow verbal or written communication; have clarity of speech especially if English is not one's first language.
  - c. Motor Functions: Possess all skills necessary to carry out diagnostic procedures; manipulate tools, instruments and equipment; perform phlebotomy safely and accurately; travel to a clinical site for clinical experience.
  - d. Physical Requirements: Able to complete fine repetitive hand movements; twist and bend; handle flammable and infectious materials; handle hazardous chemicals and electrical equipment; lift ten (10) pounds; maintain prolonged sitting or standing positions; maintain concentration with distracting noises and close proximity to fellow workers; tolerate unpleasant odors; work in buildings either above or below ground level; work in an environment without windows; perform keyboarding.
  - e. Critical Thinking: Able to appropriately and accurately perform complex interpretative testing.
  - f. Professionalism: Able to maintain a professional attitude and appearance as described in the MLT Student Manual.
6. In compliance with the Americans with Disabilities Act, students are encouraged to register with the office of Counseling/Disability Services for possible assistance with accommodations. It is the student's responsibility to voluntarily and confidentially provide appropriate documentation regarding the nature and extent of a disability. Students requesting accommodation are (strongly) encouraged to contact the office of Counseling/Disability Services at the beginning of the semester.

### Program Requirements:

1. Once admitted, students are required to submit documentation of the following entry requirements by the published deadline. If clinical onboarding requirements are not completed as required, the student will not be able to participate in the required clinical experience(s).

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- a. Health Requirements: All MLT students must submit evidence of good health by returning a completed Physical Examination form and provide documentation of meeting the required health guidelines of the affiliating agencies including evidence of immunity required by the clinical affiliate.
  - b. CPR (Cardiopulmonary Resuscitation) Requirements: All admitted students must submit evidence of current BLS (Basic Life Support) Provider certification compliant with American Heart Association (AHA) standards. Inclusion of two person CPR and AED (Automatic Electronic Defibrillator) use is required.
  - c. Malpractice insurance is required for all medical laboratory clinical practicum courses. A group policy is provided by the college and the fee is assessed annually as a part of the registration fees.
  - d. Health insurance is required by clinical affiliates. Students must provide evidence of health insurance coverage by the published deadline. Students are responsible for costs incurred from injury or illness while in the MLT Program.
  - e. Criminal Background Checks and routine drug screens are required by the clinical affiliates. Results of these must be submitted by the published deadline. Applicants must be at least 18 years of age when the background check and urine drug screen are completed. Based on the results of these checks, an affiliated clinical site may determine to not allow a student's presence at their facility. This would result in the student's inability to successfully complete the requirements of the MLT Program. Students will be responsible for the costs of the background check and urine drug screens. Additionally, a criminal background may preclude licensure or employment. More information is available from the program director.
2. The Introduction to Medical Laboratory course offered each Spring Semester provides an orientation to the Medical Laboratory Program. Another orientation session will be held in May for the class that is selected to enter the program.

### Retention Policies:

In order to continue in the MLT program, students must meet the following academic requirements:

1. Earn a "C" or higher in all courses required in the MLAB major
2. Maintain a minimum GPA of 2.5.
3. Maintain professional conduct as outlined in the MLT Student Policy Manual.
4. Enroll in all required general education courses during (or before) the semester listed in the curriculum outline.
5. Submit documentation of any annual health requirements
6. Maintain evidence of uninterrupted medical insurance coverage in designated program/institutional offices.

### Academic Advisement:

MLT faculty provide academic advisement for prospective MLT students as well as for those students admitted into the program. The faculty assist students with scheduling classes and dealing with academic concerns. Students should contact a faculty member for advisement as needed. It is

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recommended that students experiencing academic difficulties make an appointment and discuss this with a faculty member as soon as possible.

### **Graduation Requirements:**

Students will comply with RSCC's graduation requirements for GPA and residency.

### **Licensure:**

A graduate's eligibility for licensure is determined on an individual basis. The associate degree earned, along with the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) certification of the Roane State MLT Program, enables MLT students to qualify for testing with certifying bodies such as the American Society of Clinical Pathologists Board of Registry, thus giving the student the title of MLT (ASCP) and/or with the American Medical Technologist thus giving them an MLT (AMT).

### **Accreditation**

The Roane State MLT Program is in the process of applying for initial accreditation with the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 N. River Road, Suite 720, Rosemont, IL 60018-5119, and phone (773)714-8880.

### **Certificate to Operate**

The Roane State MLT Program is approved to conduct and maintain a School for Training Medical laboratory Personnel in the Specialty (ies) of Medical Laboratory Technician from the Tennessee Medical Laboratory Board in Nashville, Tennessee. The Board is located at: Metro Center Complex, 665 Mainstream Drive, 2nd Floor, Nashville, TN 37243. (615) 532-3202.