

# Medical Laboratory Technician

Are you searching for a challenging career in an industry that is growing rapidly?

**Do you enjoy complex problem-solving?**

## The Career

Medical Laboratory Technicians (MLTs) play a critical role in the detection, diagnosis and treatment of disease. MLTs perform highly complex laboratory procedures ranging from detailed manual techniques to sophisticated computerized technology. The continued growth of the laboratory science profession is producing an increased demand for educated and motivated laboratory professionals.

## The Program

Coursework for the Medical Laboratory Technician program integrates professional with core liberal arts courses, gaining skills for the job as well as general life skills. In addition to classroom studies, students spend fourteen weeks, full-time in an accredited hospital or private laboratory refining skills in the specific areas of a clinical laboratory. Clinical affiliations are arranged based on predetermined criteria and are subject to availability of facilities located throughout New Hampshire and Vermont.

## Transfer Opportunity

RVCC's MLT program articulates directly with the Medical Laboratory Science (MLS) Option for a Biomedical Science B.S. at the University of New Hampshire (UNH). 59 RVCC credits transfer in as 75 credits to the UNH program.

**The Medical Laboratory Technician Program is offered in Claremont.**

For more information, please contact:

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**RIVER VALLEY**  
Community College  
www.rivervalley.edu


**The ONLY MLT program in NH & VT!**

## Job Opportunities

Upon completion of the MLT program, students are qualified for immediate employment and eligible to sit for any national certification examinations, including AMT. This two-year Associate Degree program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Graduates may obtain employment in a variety of settings including (but not limited to):

**Traditional Hospitals**  
**Private Laboratories**  
**Pharmaceutical Industries**  
**Research Laboratories**  
**Agricultural Practices**

## Career Outlook

	US	NH	VT
Annual Salary	\$53,120	\$64,270	\$58,680
Average Hourly	\$25.54	\$30.90	\$28.21
Job Growth	11%	7%	12%
Projected Growth	 <b>Much faster than average</b>		

Career data sources in 2020 from www.bls.gov  
Salaries reflect median wages

# Medical Laboratory Technician Associate in Science Degree Requirements

First Year Fall Semester		CL	LAB	CR
MLTC126R	Intro to Laboratory Procedures	2	3	3
CHEM140R	Chemistry I*	3	3	4
ENGL102R	College Composition*	3-4	0	3-4
BIOL103R or BIOL201R	Human Biology* or Anatomy & Physiology I*	3	3	4
(Students choose[above] based on future plans [see below])				
First Year Spring Semester		CL	LAB	CR
MLTC112R	Immunology*	1	3	2
MLTC113R	Clinical Chemistry*	3	3	4
BIOL202R***	Anatomy and Physiology II* (Optional based on future plans)	(3)	(3)	(4)
MATHxxxR	Mathematics Elective*	3-4	0	3-4
XXXxxxR	Social Science Elective	3	0	3
First Year Summer Semester		CL	LAB	CR
MLTC111R	Urinalysis & Body Fluids*	1	2	2
BIOL205R**	Microbiology*	3	3	4
Second Year Fall Semester		CL	LAB	CR
MLTC201R**	Hematology*	3	3	4
MLTC202R**	Blood Banking*	3	3	4
MLTC204R**	Pathogenic Microbiology*	3	3	4
XXXXxxxR	Humanities/Fine Arts/World Language Elective	3	0	3
Second Year Spring Semester		CL	LAB	CR
MLTC220R	MLT Senior Seminar (4 - 2 hr seminars)*	2	0	2
MLTC290R	MLT Clinical Practicum*	0	0	12

\*Pre-/Co-requisites required. See Course Descriptions. Program of study is subject to change.

**Admission Requirements:** Request transcripts from high school and/or college be directly sent to RVCC.

\*\* All program specific courses require a grade of "B-" or better in order to progress through the program. The Clinical Practicum must be passed with a grade of "B-" or better for course completion. All courses without the MLTC prefix must be passed with a "C" or better.

\*\*\* A&P I and A&P II are optional choices for students intending to continue their education toward a bachelor's degree. These would be taken in place of BIOL103R. See program director for advising. All MLTC courses require matriculation in the program, or permission of instructor for registration.



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