Clinical Laboratory Technician A.A.S.

LEARN HOW TO GET RESULTS IN THE LAB—AND IN YOUR CAREER. Monroe Community College offers the only Clinical Laboratory Technician associate degree program in the Rochester area. This two-year degree enables you to move rapidly into well-paying jobs in a growing industry. You’ll get comprehensive hands-on training in the most up-to-date lab methods and technologies. The program includes valuable field experience in many types of laboratory settings, including hospitals, privately owned clinics, reference testing labs, and nonprofit organizations such as the Red Cross. You’ll enter the job market with strong skills, solid work references, and top-notch preparation for professional licensing exams.

PROGRAM DESCRIPTION

The Clinical Laboratory Technician A.A.S. degree will prepare you to perform medical laboratory procedures. Coursework, labs, and field work cover a wide range of subject matter, including lab procedures, mathematics, data recording and analysis, medical computer applications, and written/oral communication. You’ll also develop basic medical knowledge in hematology, microbiology, immunohematology, immunology, serology, clinical chemistry, and body fluids/urinalysis.

Graduates are eligible to take the exam, which is used for New York state licensing, the American Society for Clinical Pathology (ASCP) Board of Certification (BOC) exam.

“This program gave me excellent preparation for my licensing exam.”

–Matt, MCC graduate

CURRICULUM OVERVIEW

Please note: Courses are subject to change. See an academic advisor for the most current curriculum requirements.

FIRST SEMESTER (Fall):
BIO 134 Essentials of Human Anatomy and Physiology I
CHE 145 Preparation for General College Chemistry
CLT 100 Introduction to Medical Laboratory Technology
ENG 101 College Composition
ENG 200 Advanced Composition
MTH 165 College Algebra OR
MTH 175 Precalculus Mathematics with Algebra (OR HIGHER)
PHL 103 Introduction to Ethics

SECOND SEMESTER (Spring):
BIO 135 Essentials of Human Anatomy and Physiology II
BIO 148 Fundamentals of Biology and Inheritance
CLT 110 Specimen Procurement and Processing
CLT 130 Body Fluids and Urinalysis
CLT 140 Immunology
CLT 145 Serological Techniques

THIRD SEMESTER (Summer):
BIO 202 Microbiology
CLT 150 Histology Techniques

FOURTH SEMESTER (Fall):
CLT 203 Diagnostic Microbiology
CLT 210 Clinical Chemistry
CLT 220 Immunohematology
CLT 230 Hematology/Coagulation
MTH 160 Statistics I

FIFTH SEMESTER (Spring):
BIO 235 Pathophysiology
CLT 251 Clinical Affiliate Clinical Rotation I
CLT 253 Clinical Affiliate Clinical Rotation II
CLT 255 Clinical Affiliate Clinical Rotation III
CLT 260 Clinical/Medical Laboratory Technology Seminar

PHYSICAL/HEALTH EDUCATION
SOCIAL SCIENCE ELECTIVE

Total Credits: 68
GET THE LATEST ON CAREERS IN OUR AREA, INCLUDING EMPLOYMENT PROJECTIONS, EARNINGS, AND JOB OPENINGS AT CAREERCOACH.MONROECC.EDU

Start your career with employers like these:
• UR Medical Center
• Highland Hospital
• FF Thompson Hospital
• Nicholas Noyes Memorial Hospital
• Rochester General Hospital
• American Red Cross
• Adecco Medical & Science
• ACM Medical Laboratory

Your job title could be:
• Clinical Laboratory Technician
• Medical Laboratory Technician
• Medical and Clinical Laboratory Technologist

Average starting salary: $37,000 per year.

A STRONG START—ACADEMICALLY AND FINANCIALLY!
MCC’s low tuition ($2,050 per semester) plus financial aid opportunities help make a high-quality education affordable. You could qualify for federal grants, workforce grants, scholarships, and more. Visit www.monroecc.edu/go/finaid or call 585.292.2050.

AMONG THE BEST COMMUNITY COLLEGES
MCC is part of the State University of New York (SUNY) and recognized as being among the 19 most innovative community colleges in the United States as a member of the League for Innovation in the Community College. The League’s members demonstrate educational leadership in academics, technology, workforce development, and administration.

FIND OUT MORE
To learn more about MCC, visit us on the web at www.monroecc.edu. Apply today at admissions.monroecc.edu or contact the Admissions Office at 585.292.2200 to schedule a visit.