

# MEDICAL LABORATORY TECHNOLOGY

## ASSOCIATE OF APPLIED SCIENCE (AAS) - 60 CREDITS

### About this program

Medical laboratory technologists perform a wide range of routine laboratory procedures associated with blood and body fluid analysis. In cooperation with affiliate health care facilities, the college offers a two-year hybrid program (online lectures, campus-based labs) for training medical laboratory technologists. The curriculum includes general education, science, medical laboratory technology courses and a 16-week clinical experience at an affiliate health care laboratory. Upon completion of the program, students are prepared for the American Society of Clinical Pathology (ASCP) Board of Certification exam. The majority of Medical Laboratory Technology graduates work in hospital and clinic laboratories. Graduates may articulate to a four-year institution to receive a bachelor of science degree in Medical Laboratory Science.

### Program outcomes

1. Evaluate the importance of patient identification, collection, transport, and processing of blood and body fluid specimens for analysis.
2. Safely collect and process biological specimens for analysis.
3. Perform accurate laboratory testing, including quality assurance and quality control procedures.
4. Operate laboratory instruments/analyzers and perform preventive and corrective maintenance when required.
5. Demonstrate multitasking skills where a wide variety of testing procedures are performed.
6. Correlate didactic and clinical phases of laboratory education in the evaluation and interpretation of laboratory test data.
7. Demonstrate career entry competencies as defined by NAACLS.
8. Demonstrate professional conduct and interpersonal communication skills with patients, lab personnel, health care professionals and the public.

### Curriculum overview

Crds	Requirement type
	Total

**Developmental courses note:** A student may be required to enroll in developmental courses in reading, writing and math. A student's scores on the Accuplacer assessment will determine enrollment in developmental courses. The purpose of developmental courses is to prepare students for the demands of a college-level curriculum. *Credits may vary.*

**Accreditation:** Minnesota State Community and Technical College is accredited by the Higher Learning Commission, a regional accreditation agency recognized by the U.S. Department of Education. The Higher Learning Commission 230 South LaSalle Street, Suite 7-500 Chicago, IL 60604-1411 <http://www.ncahigherlearningcommission.org> Phone: 312.263.0456 / 800.621.7440

# Curriculum requirement details

Required courses

Other requirements or restricted electives



## Course summaries



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Program Plan — ""

Locations:

