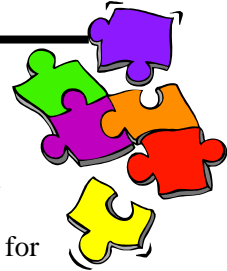


## Medical Laboratory Science Program Options

The Colorado Center for Medical Laboratory Science (The Center) offers a variety of programs to meet the needs of students seeking professional certification leading to employment at the baccalaureate level in the field of clinical laboratory science. We realize that students enter the health professions with a variety of experiences. It is our goal to help students with science degrees build career paths by helping them bring together the academic and professional components that lead toward eligibility for national certification.



### **Traditional Curriculum in Medical Technology: BS/BA Degree**

**Track:** College science students may enter the 1-year professional curriculum through a BS/BA degree track option from an affiliated college or university. The BS degree must be awarded by the affiliated college at the completion of the curriculum offered by The Center. **Post BS/BA Degree Professional Track:** Students may also enter the 1-year professional curriculum post baccalaureate. The curriculum which includes coursework in microbiology, hematology, clinical chemistry and

immunohematology leads to eligibility to sit for certification examination as a medical technologist through the American Society of Clinical Pathologists [MT(ASCP)] or a clinical laboratory scientist through the National Certifying Agency for Clinical Laboratory Professionals [CLS(NCA)], and practice in the field of clinical laboratory science. A professional certificate of completion of the national curriculum in medical technology is awarded by The Colorado Center For Medical Laboratory Science.

**Bridges Program\*:** The Center offers non-certified BS degree practitioners working in an accredited clinical pathology department the opportunity to complete course work leading to generalist or categorical certification while remaining employed. This program requires that the enrolled student's employer is willing to participate in the School curriculum as a clinical partner.



**Career Ladder Program\*:** The Career Ladder Program was designed for working medical laboratory technicians (MLTs) who hold AA degrees from an accredited community college and national certification as a MLT(ASCP) or CLT(NCA) and are working toward completion of the BS degree, and MT(ASCP) or CLS(NCA) certification. Students enrolled in this program may apply for advanced placement and experiential learning credit. Curricula are individually designed depending upon the student's academic and professional background.

**Knowledge Review Curriculum:** The Center offers a variety of knowledge review curricula for those preparing to sit for national certification examinations and for the graduate practitioner. These courses afford clinical laboratory scientists the opportunity to assess their knowledge in a broad range of theoretical and practical areas. The curriculum includes focus areas in clinical chemistry, clinical laboratory skills, coagulation, hematology, immunohematology, immunology, microbiology, mycology, parasitology, and serology.



\* Admission into the *Bridges* and *Ladder* Programs is on a space available basis.

