

**MEDICAL AND ALLIED HEALTH TECHNOLOGIES**  
**MEDICAL LABORATORY TECHNOLOGY (MLT)**  
**(HEGIS 5205)**

This program prepares students for a career in the field of Medical Laboratory Technology. The medical laboratory technician performs laboratory procedures designed to assist physicians in the diagnosis and treatment of disease. These procedures include physical, chemical, or microscopic analyses of body fluids and tissues. Proficiency in these skills is achieved through practice in College laboratories and affiliated clinical laboratories in the community. Training includes both manual and automated experiences. High school courses in biology, chemistry and mathematics are strongly recommended for those planning to enter this program. Students satisfactorily completing this program may choose to transfer to earn a baccalaureate degree in medical technology or biological sciences.

This program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences. (NAACLS, 8410 W. Bryn Mawr, Suite 670, Chicago, IL 60631-3415; 773-714-8880)

The number of students in the program is limited on the basis of clinical facilities available.

Upon completion of this program graduates are eligible for national board examinations.

**The Associate in Applied Science (A.A.S.) degree is awarded upon completion of the requirements for this program.**

Courses should be selected in consultation with an advisor. **Students who experience a break of more than three semesters between their first MLT course and MLT 207/208 may need to repeat one or more MLT courses or take qualifying examinations. Contact the program chairperson.**

<u>Course No.</u>	<u>Descriptive Title</u>	<u>Cr.Hrs.</u>
<b>FIRST SEMESTER</b>		
AHS 100	Allied Health Introductory Seminar	1
BIO 101	General Biology I	4
CHE 121	General Chemistry I	4
Math (a)		3-4
MLT 105	Clinical Hematology	4
	<b>TOTAL</b>	<b>16-17</b>
<b>SECOND SEMESTER</b>		
BIO 102	General Biology II (b)	4
ENG 101	Composition I	3
CHE 122	General Chemistry II (b)	4
CIS 111	Computer Systems and Applications	3
MLT 101	Clinical Microbiology (b)	4
	<b>TOTAL</b>	<b>18</b>
<b>THIRD SEMESTER</b>		
BHS 103	Social Problems in Today's World	3
ENG 102	Composition II (b)	3
MLT 106	Immunohematology/Serology (b)	3
MLT 202	Parasitology/Body Fluids (b)	3
MLT 203	Clinical Chemistry I (b)	4
WFE 101	Lifetime Fitness and Wellness (d)	3
	<b>TOTAL</b>	<b>19</b>
<b>FOURTH SEMESTER</b>		
MLT 204	Clinical Chemistry II (b)	3
ECO 105, GOV 121, HIS 104, HIS 108		3
MLT 207	Externship I (b)	4
MLT 208	Externship II (b)	4
Free Elective (c)		3-4
	<b>TOTAL</b>	<b>17-18</b>
<b>TOTAL 70 CREDIT HOURS</b>		

**NOTE:** All MLT students are required to submit a completed physical examination form prior to clinical assignment. All immunizations indicated on the form must be current. When this form is on file, the College Health Office will issue a waiver clearing the student for clinical assignments. Hepatitis B Vaccine series is highly recommended and may be required by the clinical facility under the OSHA Standard on Exposure to Blood borne Pathogens.

- Mathematics course: MAT 110, 118, 184, 185 or 221 is required. Students without the prerequisites for the recommended math course must take MAT 091 or 100, depending on prior preparation. MAT 091 or 100 not applicable for math requirement.
- A grade of C or better in a previous course is required. See course description for details.
- See page 97 for a full discussion of the free elective requirement. The subject area for Medical Laboratory Technology includes all courses labeled MLT, BIO, CHE.
- A 2-credit proficiency for the lecture portion of this course is available for students in the Medical Laboratory Technology program. All students will be required to take the 1-credit laboratory component of the course.

