

**TRANSFER GUIDE FOR  
MOTT COMMUNITY COLLEGE**

**Associate in Applied Science Degree  
MEDICAL LABORATORY TECHNICIAN  
Effective Fall 2008**

Home Page	Contact	Phone
<a href="http://www.ferris.edu/htmls/colleges/alliedhe/">http://www.ferris.edu/htmls/colleges/alliedhe/</a>	Barbara Ross Program Coordinator Clinical Laboratory Sciences College of Allied Health Sciences Ferris State University 200 Ferris Drive Big Rapids MI 49307-2740 allesn@ferris.edu	1-800-GO-BULLDOGS or 231/591-2266

This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris State University. The information on this guide is subject to change; students should contact the College of Allied Health Sciences to keep informed of changes (see "contact" above). Final responsibility for verifying all transfer information lies with the students.

**For Admission to the Professional Medical Laboratory Technology Sequence:** These courses/qualifiers must be completed by the end of the Spring Semester to qualify for entry into the professional sequence. Students must officially apply to the professional sequence **between January 15 and January 30** for the fall semester start each year.

COURSE / QUALIFIERS	Minimum CREDITS	Minimum GRADE REQUIRED
Academic Status: <ul style="list-style-type: none"> <li>Minimum Standard: Maintain GPA of 2.5 or higher</li> </ul>	NA	NA
Math Competency: <ul style="list-style-type: none"> <li>ACT Subscore of 24 or higher <u>or</u></li> <li>MATH 115 or MATH 117</li> </ul>	NA 3	NA C
CHEM 114 Intro to Inorganic Chemistry	1	C
CHEM 214 Intro to Inorganic Chemistry	4	C
BIOL 205 Anatomy & Physiology	5	C

Program Coordinator: Barbara Ross

Contact Information: [rossb@ferris.edu](mailto:rossb@ferris.edu), 1-800-GO-BULLDOGS, ext. 2317; Office: VFS 303

Be sure to watch the Clinical Laboratory Sciences Website for Program updates. Application Guidelines & Forms can be accessed on the CAHS Website:  
<http://www.ferris.edu/htmls/colleges/alliedhe/index.cfm>

The following is a list of courses students must complete to earn the degree. Community college equivalents are listed below and may be taken prior to transferring to Ferris. If a program will accept a course as a substitution, the word "sub" will follow the community college course number. Blank spaces in the community college column indicate there are no course equivalents or substitutions available.

REQUIRED	COURSE TITLE – FSU PREREQUISITES SHOWN IN BRACKETS ( )		FSU HOURS	COURSE AT Mott CC
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**COMMUNICATION COMPETENCE: 9 CREDITS REQUIRED**

ENGL	150	English 1	3	ENGL 101
ENGL	250	English 2 (ENGL 150)	3	ENGL 102
<b>Recommended:</b> COMM <b>Also Accepted:</b> COMM	221 105 121	Small Group Decision Making Interpersonal Communication <b>OR</b> Fundamentals of Public Speaking	3	HREL 102 or 101 or COMM 121 or 132

**QUANTITATIVE SKILLS: PROFICIENCY OR COURSE REQUIRED**

<b>Recommended:</b> MATH <b>Also Accepted:</b> MATH	117 115	Contemporary Mathematics or ACT Math subscore of 24 Intermediate Algebra	4 4	 MATH 160
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**SOCIAL AWARENESS: 3 CREDITS REQUIRED**

**CULTURAL ENRICHMENT: 3 CREDITS REQUIRED**

**SCIENTIFIC UNDERSTANDING: 16 CREDITS REQUIRED**

BIOL	108	Medical Microbiology	3	BIOL101 or 156
BIOL	205	Human Anatomy and Physiology (CHEM 114)	5	BIOL151 & 152
CHEM	114	Introduction to General Chemistry (CHEM 103 or HS Chem and Math 110 or ACT 19)	4	sub CHEM 131
CHEM	214	Fundamentals of Organic Chemistry (CHEM 114 or 121)	4	Sub CHEM 237 & 238

**CAHS CORE REQUIREMENTS:**

CCHS	101	Orientation to Health Care	3	
CCHS	102	Safety Issues in Health Care	1	
CCHS	103	Clinical Skills for Health Care Providers (CAHS enrollment)	1	
		Computer Competency		
MRIS	102	Orientation to Medical Vocabulary or Medical Terminology Competency	1	AHLT 102

**MLT MAJOR: CREDITS REQUIRED 42**

CLLS	101	Clinical Laboratory Science Orientation	1	
CLLS	122	Introduction to Specimen Collection (concurrent enrollment in CLLS 123)	2	
CLLS	123	Specimen Collection Laboratory (concurrent enrollment in CLLS 122)	1	
CLLS	216	Clinical Chemistry (BIOL 205, CHEM 214; concurrent enrollment in CLLS 217)	3	
CLLS	217	Clinical Chemistry Laboratory (concurrent enrollment in CLLS 216)	1	
CLLS	218	Body Fluid Analysis (BIOL 205)	1	
CLLS	219	Hemostasis (BIOL 205)	1	
CLLS	220	Body Fluid and Hemostasis Laboratory (concurrent enrollment in CLLS 218 and 219)	1	
CLLS	231	Hematology (BIOL 205, CHEM 214, concurrent enrollment in CLLS 232)	2	
CLLS	232	Hematology Laboratory (concurrent enrollment in CLLS 231)	1	

CLLS	236	Diagnostic Microbiology (BIOL 108 or 286; BIOL 205, CHEM 214, concurrent enrollment in CLLS 237)	2	
CLLS	237	Diagnostic Microbiology Laboratory (concurrent enrollment in CLLS 236)	2	
CLLS	241	Medical Virology/Mycology/Parasitology (BIOL 108 or 286, concurrent enrollment in CLLS 242)	2	
CLLS	242	Medical Virology/Mycology/Parasitology Laboratory (concurrent enrollment in CLLS 241)	1	
CLLS	252	Introduction to Clinical Immunology (BIOL 205, concurrent enrollment in CLLS 253)	2	
CLLS	253	Introduction to Clinical Immunology Laboratory (concurrent enrollment in CLLS 252)	1	
CLLS	256	Simulated Clinical Laboratory (CLLS 217, 220, 232, 237, 253, 259)	3	
CLLS	258	Immunoematology (BIOL 205, CLLS 251 and 252, concurrent enrollment in CLLS 259)	2	
CLLS	259	Immunoematology Laboratory (concurrent enrollment in CLLS 258)	1	
CLLS	281	Application of Clinical Laboratory Science (CLLS 256)	1	
CLLS	292	Applied Clinical Practicum 1 (CLLS 256)	6	
CLLS	293	Applied Clinical Practicum 2 (CLLS 292)	5	