

**TRANSFER GUIDE FOR
 LAKE MICHIGAN COMMUNITY COLLEGE**

**Associate in Applied Science Degree
 MEDICAL LABORATORY TECHNICIAN
 Effective Fall 2005**

Home Page	Contact	Phone
http://www.ferris.edu/htmls/colleges/alliedhe/	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.

ADMISSION REQUIREMENTS

The admission requirements for this program are as follows:

- 2.50 college GPA
- "C" minimum in MATH 110 or equivalent, or Math ACT subscore of 19 or higher
- "C" minimum in a semester of Biology w/lab
- "C" minimum in a semester of Chemistry w/lab

For assistance with the transfer admission process, contact your transfer counselor at the community college, or the transfer admissions officer at Ferris State University, Shari Chamberlain, at 1-800-4-FERRIS, chambers@ferris.edu.

APPLICATION

Students may begin the program any semester. For proper tracking of courses, we encourage students to apply one year prior to attendance at Ferris. If you have any questions about this program or how to apply, contact the Program Coordinator listed above.

TRANSFER PLAN

- Transfer of credit is awarded on a course-by-course basis.
- Transferable courses are those with grades of "C" (2.00 on a 4.00 scale) or better.
- 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.

**FSU COLLEGE OF ALLIED HEALTH SCIENCES
MEDICAL LABORATORY TECHNICIAN**

REQUIRED	COURSE TITLE – FSU PREREQUISITES SHOWN IN BRACKETS ()		FSU HOURS	COURSE AT Lake Michigan CC
----------	--	--	-----------	----------------------------

COMMUNICATION COMPETENCE: 9 CREDITS REQUIRED

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

QUANTITATIVE SKILLS: PROFICIENCY OR COURSE REQUIRED

Recommended: MATH Also Accepted: MATH	117 115	Contemporary Mathematics or ACT Math subscore of 24 Intermediate Algebra	4 4	MATH 101
--	------------	---	--------	----------

SOCIAL AWARENESS: 3 CREDITS REQUIRED

		Hyperlink to Social Awareness Courses Social Awareness Elective	3	
--	--	---	---	--

CULTURAL ENRICHMENT: 3 CREDITS REQUIRED

		Hyperlink to Cultural Enrichment Elective: Cultural Enrichment Elective	3	
--	--	---	---	--

SCIENTIFIC UNDERSTANDING: 16 CREDITS REQUIRED

BIOL	108	Medical Microbiology	3	BIOL 210
BIOL	205	Human Anatomy and Physiology (CHEM 114)	5	BIOL205 & 206
CHEM	114	Introduction to General Chemistry (CHEM 103 or HS Chem and Math 110 or ACT 19)	4	CHEM 105
CHEM	214	Fundamentals of Organic Chemistry (CHEM 114 or 121)	4	

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	READ 110

**FSU COLLEGE OF ALLIED HEALTH SCIENCES
MEDICAL LABORATORY TECHNICIAN**

**COURSES TO BE COMPLETED AT FERRIS STATE UNIVERSITY
MLT MAJOR: CREDITS REQUIRED**

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	Immunochemistry (BIOL 205, CLLS 251 and 252, concurrent enrollment in CLLS 259)	2	
CLLS	259	Immunochemistry 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	