

**TRANSFER GUIDE FOR
 SCHOOLCRAFT COMMUNITY COLLEGE**

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

| Home Page | Contact | Phone |
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| 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.

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"> Minimum Standard: Maintain GPA of 2.5 or higher | NA | NA |
| Math Competency: <ul style="list-style-type: none"> ACT Subscore of 24 or higher <u>or</u> MATH 115 or MATH 117 | 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, 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 Schoolcraft CC |
|----------|--------------------------------------------------------|--|-----------|--------------------------|
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COMMUNICATION COMPETENCE: 9 CREDITS REQUIRED

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|--------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------|---|---------------------------|
| ENGL | 150 | English 1 | 3 | ENG 101 |
| ENGL | 250 | English 2 (ENGL 150) | 3 | ENG 102 or 221 |
| Recommended: COMM Also Accepted: COMM | 221 105 121 | Small Group Decision Making Interpersonal Communication OR Fundamentals of Public Speaking | 3 | COMA 201 or 200 or 103 |

QUANTITATIVE SKILLS: PROFICIENCY OR COURSE REQUIRED

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| Recommended: MATH Also Accepted: MATH | 117 115 | Contemporary Mathematics or ACT Math subscore of 24 Intermediate Algebra | 4 4 | MATH 111 or 113 |
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SOCIAL AWARENESS: 3 CREDITS REQUIRED

CULTURAL ENRICHMENT: 3 CREDITS REQUIRED

SCIENTIFIC UNDERSTANDING: 16 CREDITS REQUIRED

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| BIOL | 108 | Medical Microbiology | 3 | BIOL 243 |
| BIOL | 205 | Human Anatomy and Physiology (CHEM 114) | 5 | BIOL 236 |
| CHEM | 114 | Introduction to General Chemistry (CHEM 103 or HS Chem and Math 110 or ACT 19) | 4 | sub CHEM 111 |
| CHEM | 214 | Fundamentals of Organic Chemistry (CHEM 114 or 121) | 4 | Sub CHEM 123 & 124 |

CAHS CORE REQUIREMENTS:

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|------|-----|---------------------------------------------------------------------|---|---------|
| 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 | | CIS 120 |
| MRIS | 102 | Orientation to Medical Vocabulary or Medical Terminology Competency | 1 | HIT 104 |

MLT MAJOR: CREDITS REQUIRED 42

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| 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 | |

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| 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 | |