

LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE ALPENA COMMUNITY COLLEGE

Major: CHEMISTRY / ENVIRONMENTAL CHEMISTRY

Valid For: Lawrence Technological University 2005-2007 Catalog
Alpena Community College 2007-2008 Catalog

Alpena Community College Courses Required	Lawrence Technological University Equivalencies
Natural Sciences Courses	
CEM 121	CHM1213 UNIV CHEM 1 CHM1221 UNIV CHEM 1 LAB
PHY 221	PHY2423 UNIV PHYSICS 1
PHY 222	PHY2423 UNIV PHYSICS 2 PHY2431 UNIV PHYSICS LAB
Mathematics	
MTH 131 MTH 132 MTH 231 (THESE CLASSES MUST BE TAKEN AS A WHOLE; THEY ARE NOT INDIVIDUALLY TRANSFERRABLE)	MCS1414 CALC 1 MCS1424 CALC 2 MCS2414 CALC 3
Communications	
ENG 112 or 121	COM1103 ENG COMP
ENG 123	COM2103 TECH & PROF COMM
Humanities	
Select Two Courses: ENG 203, 204, 205, 221, 222, 223, 224, 243, 244, HUM 241, 242, MUS 110	Humanities Courses 6 Credit Hours Required
Select Two Courses: HST 121, 122, 221, 222, 224, 225, ANP 121, 239, GEO 126, PHL 225, 228, PLS 221, 222, 228, 230, SOC 123, PSY 101, 226, 241, 242	Social Science Courses 6 Credit Hours Required
Select one additional course different from the above selections: HST 121, 122, 221, 222, 224, 225, ANP 121, 239, GEO 126, PHL 225, 228, PLS 221, 222, 228, 230, SOC 123, PSY 101, 226, 241, 242	ONE ADDITIONAL SOCIAL SCIENCE COURSE
Additional Transferable Courses	
CEM 221	CHM2313 ORGANIC CHEMISTRY 1
CEM 222	CHM2323 ORGANIC CHEMISTRY 2 CHM2332 ORGANIC CHEMISTRY LAB
CEM 122	CHM1223 UNIV CHEM 2 CHM1232 UNIV CHEM 2 LAB
17 SEMESTER HOURS OF COLLEGE LEVEL COURSEWORK (CHEM MAJORS)	OPEN ELECTIVES (17 SEM HOURS)

ONLY)	
3 SEMESTER HOURS OF COLLEGE LEVEL COURSEWORK (ENVIRONMENTAL CHEM MAJORS ONLY)	OPEN ELECTIVES (3 SEM HOURS)

PLEASE NOTE:

- General Education requirements may be waived by one of the following methods:
 1. satisfying the MACRAO Agreement — transcript must be stamped “MACRAO Agreement Satisfied.”
 2. course by course transfer as indicated on this guide sheet.
 3. satisfactory completion of an articulation agreement where applicable.
- Transferring Architecture students are advised to submit a portfolio documenting their community college art and architecture coursework for placement purposes.
- This transfer guide sheet is valid for the catalog dates shown.
- A maximum of 60 semester hours of community college coursework may transfer.
- All classes on the guide must have a grade of “C”, or higher in order to transfer.
- We welcome and encourage you to contact an LTU Admissions Counselor early in your community college career to ensure maximum transfer of credit.

Contact the Office of Admissions if you have questions or would like to schedule a campus tour or an appointment with an Admissions Counselor.

THE FOLLOWING ARE PREREQUISITE COURSES AND DO NOT TRANSFER

MTH 102 Elementary Algebra
 MTH 113 Intermediate Algebra
 MTH 121 College Algebra
 MTH 122 Plane Trigonometry
 CEM 101 Basic Chemistry
 PHY 111 Applied Physics

Apprenticeship, trade, remedial, physical education, and basic study courses are not transferable.

An evaluation of your current standing (under the LTU major of your choice) can be obtained by sending student copies of your transcripts to:

LTU Office of Admissions
 21000 W. 10 Mile Rd.
 Southfield, MI 48075
 Phone (248)-204-3160
 Fax (248) 204-2228