

LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE
NORTH CENTRAL MICHIGAN COLLEGE

Major: *Industrial Operations Engineering*

Valid For: Lawrence Technological University 2011-2012 Catalog
 North Central Michigan College 2011-2012 Catalog

North Central Michigan College	Lawrence Technological University
Courses Required	Equivalencies
Mathematics	
MTH 122	MCS1414 Calculus 1
MTH 211	MCS1424 Calculus 2
MTH 212	MCS2414 Calculus 3
MTH 215	MCS2423 Differential Equations
Natural Sciences	
CEM 121	CHM1213 University Chemistry 1 CHM1221 University Chemistry 1 Lab
PHY 230	PHY2413 University Physics 1 PHY2421 University Physics 1 Lab
PHY 231	PHY2423 University Physics 2 PHY2431 University Physics 2 Lab
Communications	
ENG 111	COM1103 English Composition
B 207	COM2103 Tech & Prof. Communication
Humanities	
Select Two Courses: ART 105, 106, ENG 130, 210, 213, 214, 215, 221, 222, 231, 232, 241, 242, 244, 250, 251, 252, MUS 120, PHL 101, THF 101	Humanities Courses 6 Credit Hours Required
Select Two Courses: ANP 110, GEO 121, HST 131, 132, 140, 205, 220, 221, 231, 232, 258, 270, PHL 101, 109, PLS 141, 200, 225, PSY 161, 210, 241, 261, 290, REL 100, 102, SOC 120, 171, 230, 271	Social Science Courses 6 Credit Hours Required
ECO 111 or 112	SSC2303 Principles of Economics 1
Additional Core Requirements	
ENGR 101	EGE1012 Intro to Engineering

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

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

This agreement does not necessarily contain exact equivalencies and should not be used for current LTU students to plan transfer credit as a guest student.

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

6/16/11 am