

**LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE**  
**SOUTHWESTERN MICHIGAN COLLEGE**

**Major:** *Industrial Operations Engineering*

**Valid For:** Lawrence Technological University 2011-2012 Catalog  
 Southwestern Michigan College 2011-2012 Catalog

Southwestern Michigan College	Lawrence Technological University
Courses Required	Equivalencies
Mathematics	
MATH 141	MCS1414 Calculus 1
MATH 142	MCS1424 Calculus 2
MATH 201	MCS2414 Calculus 3
MATH 204	MCS2423 Differential Equations
Natural Sciences	
CHEM 101	CHM1213 University Chemistry 1 CHM1221 University Chemistry 1 Lab
PHYS 201	PHY2413 University Physics 1 PHY2421 University Physics 1 Lab
PHYS 202	PHY2423 University Physics 2 PHY2431 University Physics 2 Lab
Communications	
ENGL 101 or 103 or 104	COM1103 English Composition
BUSI 214	COM2103 Tech & Prof. Communication
Humanities	
Select two Courses: <b>ART</b> 110, 203, 204, <b>ENGL</b> 201, 223, 224, 231, 232, 233, 241, 261, 281, 282, 291, 292, <b>HUMA</b> 210, <b>MUSI</b> 110	Humanities Courses 6 Credit Hours Required
Select Two Courses: <b>HIST</b> 102, 201, 202, <b>GEOG</b> 105, PHIL 101, 201, <b>POSC</b> 201, <b>SOCI</b> 101, 201, 202, <b>PSYC</b> 101, 102, 215, 260	Social Science Courses 6 Credit Hours Required
ECON 201 or 202	SSC2303 Principles of Economics 1

**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.
- 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 encourage and welcome you to contact an admissions counselor at LTU early in your community college coursework 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.

***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.***

**THE FOLLOWING ARE PREREQUISITE COURSES AND DO NOT TRANSFER**

MATH 105 Intermediate Algebra  
CHEM 100 Basic Chemistry  
PHYS 101 Principles of Physics

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

6/20/11 am