

**LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE**  
**KELLOGG COMMUNITY COLLEGE**

**Major:** *Industrial Operations Engineering*

**Valid For:** **Lawrence Technological University 2011-2012 Catalog**  
**Kellogg Community College 2011-2012 Catalog**

<b>Kellogg Community College</b>	<b>Lawrence Technological University</b>
Courses Required	Equivalencies
<b>Mathematics</b>	
MATH 141 + MATH 142 + MATH 241 (These courses must be taken as a whole. The courses will not transfer over individually.)	MCS1414 Calculus 1 MCS1424 Calculus 2 MCS2414 Calculus 3
MATH 242	MCS2423 Differential Equations
<b>Natural Sciences</b>	
CHEM 110	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
<b>Communications</b>	
ENGL 151, 151H, 152, 152H	COM1103 English Composition
ENGL 153 or COMM 111	COM2103 Tech & Prof. Communication
<b>Humanities</b>	
Select Two Courses: <b>ART</b> 211, 212, 213, <b>HUMA</b> 150, <b>LITE</b> 105, 205, 206, 211, 212, 222, 223, 240, <b>THEA</b> 121, 122	Humanities Courses 6 Credit Hours Required
Select Two Courses: <b>ANTH</b> 200, <b>HIST</b> 103, 104, 106, 151, 152, 201, 202, 210, 211, 240, <b>HUMA</b> 205, <b>PHIL</b> 201, 202, 230, <b>POSC</b> 200, 201, 202, 211, <b>SOCI</b> 201, 202, <b>SOCS</b> 101, 102, <b>PSYC</b> 201, 220, 250	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 college4 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**

MA 104 Elementary Algebra  
MA 105 Basic Geometry  
MA 107 Intermediate Algebra  
MA 110 College Algebra  
MA 108 Trigonometry  
CM 100 Basic Chemistry

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