

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

**Major:** *Mechanical Engineering*

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

Jackson Community College	Lawrence Technological University
Courses Required	Equivalencies
<b>Mathematics</b>	
MTH 151	MCS1414 Calculus 1
MTH 154	MCS1424 Calculus 2
MTH 251	MCS2414 Calculus 3
MTH 254	MCS2423 Differential Equations
<b>Natural Sciences</b>	
CEM 141	CHM1213 University Chemistry 1 CHM1221 University Chemistry 1 Lab
PHY 251	PHY2413 University Physics 1 PHY2421 University Physics 1 Lab
PHY 242	PHY2423 University Physics 2 PHY2431 University Physics 2 Lab
<b>Communications</b>	
ENG 131 or 132	COM1103 English Composition
ENG 232	COM2103 Tech & Prof. Comm.
<b>Humanities</b>	
Select Two Courses: <b>ART</b> 111, 112, <b>ENG</b> 246, 247, 249, 252, 255, 256, 257, 261, <b>HUM</b> 131, <b>MUS</b> 132, <b>THR</b> 116	Humanities Courses 6 Credit Hours Required
Select Two Courses: <b>ANT</b> 131, <b>HIS</b> 120, 125, 131, 132, 231, 232, 235, <b>GEO</b> 131, <b>PHL</b> 231, 236, 243, <b>PLS</b> 141, 262, <b>SOC</b> 231, 235, <b>PSY</b> 140, 152, 251, 252, 256, 290	Social Science Courses 6 Credit Hours Required
ECN 231 or 232	SSC2303 Principles of Economics 1
<b>Additional Core Requirements</b>	
EGR 153	EME2012 Mechanical Engineering Graphics
EGR 261	EGE2013 Statics
EGR 262	EME3043 Dynamics

**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 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 120 Beginning Algebra  
MTH 131 Intermediate Algebra  
MTH 134 College Algebra  
MTH 132 Trigonometry  
CEM 131 Fundamentals of Chemistry

***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

6/17/11 am