

**LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE**  
**ST. CLAIR COUNTY COMMUNITY COLLEGE**

**Major:** *Mechanical Engineering*

**Valid For:** Lawrence Technological University 2010-2011 Catalog  
 St. Clair County Community College 2010-2011 Catalog

St. Clair County Community College	Lawrence Technological University
Courses Required	Equivalencies
<b>Mathematics</b>	
MTH 114 + MTH 215 + MTH 216 (These courses must be taken as a whole. They are not individually transferable.)	MCS1414 Calculus 1 MCS1424 Calculus 2 MCS2414 Calculus 3
MTH 217	MCS2423 Differential Equations
MTH 210	MCS3863 Linear Algebra
<b>Natural Sciences</b>	
CHM 111	CHM1213 University Chemistry 1 CHM1221 University Chemistry 1 Lab
PHY 221	PHY2413 University Physics 1 PHY2421 University Physics 1 Lab
PHY 222	PHY2423 University Physics 2 PHY2431 University Physics 2 Lab
<b>Communications</b>	
Select One: ENG 101, 102 or 201	COM1103 Eng Comp
OA 225	COM2103 Tech & Prof Comm
<b>Humanities</b>	
Select Two Courses: <b>ART</b> 120, 121, 122, <b>ENG</b> 205, 206, 207, 210, 211, 212, 220, 221, 225, 230, 231, 244, 245, 246, 249, 250, <b>MUS</b> 106	Humanities Courses 6 Credit Hours Required
Select one : <b>ANT</b> 171, <b>GEO</b> 233, <b>HIS</b> 101, 102, 149, 150, 175, 233, 280, 297, <b>PHL</b> 210, 220, <b>PS</b> 101, 210, 220, 230, <b>SOC</b> 101, 110, 200, <b>PSY</b> 180, 260	Social Science Courses 6 Credit Hours Required
BUS 221 or 222	SSC2303 Principles of Economics 1
<b>Additional Core Requirements</b>	
PHY 115	EGE 1012 Introduction to Engineering
EG 180 (FOR ME'S)	EGE2012 Engineering Graphics
PHY 231	EGE2013 Statics

**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 102 Technical Math/Elementary Algebra  
MTH 103 Technical Math/Geometry  
MTH 110 Intermediate Algebra  
MTH 111 Plane Trigonometry  
MTH 113 Precalculus  
CHM 101 Introductory Chemistry  
PHY 110 Fundamentals of Physics

***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

7/18/11 am