

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

**Major:** *Mechanical Engineering*

**Valid For:** Lawrence Technological University 2011-2012 Catalog  
Mott Community College 2011-2013 Catalog

<b>Mott Community College</b>	<b>Lawrence Technological University</b>
Courses Required	Equivalencies
<b>Mathematics</b>	
MATH 170	MCS1414 Calculus 1
MATH 180	MCS1424 Calculus 2
MATH 250	MCS2414 Calculus 3
MATH 280	MCS2423 Differential Equations
MATH 270	MCS3863 Linear Algebra
<b>Natural Sciences</b>	
CHEM 131 +131L	CHM1213 University Chemistry 1 CHM1221 University Chemistry 1 Lab
PHYS 287 +287L	PHY2413 University Physics 1 PHY2421 University Physics 1 Lab
PHYS 288 +288L	PHY2423 University Physics 2 PHY2431 University Physics 2 Lab
<b>Communications</b>	
ENGL 102	COM1103 English Composition
BUSN 206	COM2103 Tech & Prof. Communication
<b>Humanities</b>	
Select Two Courses: ART 111, 112, 116, 214, 215, ENGL 220, 221, 223, 225, 226, 227, 231, 232, 240, 241, 242, 251, 252, MUS 180, 181, 182, 271, 272	Humanities Courses 6 Credit Hours Required
Select Two Courses: ANTH 200, 211, HIST 151, 152, 154, 155, 260, GEOG 142, PHIL 101, 165, 297, PHIL 165, PSCN 171, 173, 175, SOCY 191, 193, 194, 292, 294, 296, 297, PSYC 281, 282, 283, 285, 286, 287, 288, 289, 290	Social Science Courses 6 Credit Hours Required
ECON 221 or 222	SSC2303 Principles of Economics 1
<b>Additional Core Requirements</b>	
ENGR 242	EGE1023 Engineering Materials
ENGR 247	EGE 2013 Statics
ENGR 249	EME 3043 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.
- 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**

MATH 110 Beginning Algebra  
MATH 120 Intermediate Algebra  
MATH 130 College Algebra  
CHEM 118 Introduction Chemistry

***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

1/20/12 am