

**LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE**  
**GLEN OAKS COMMUNITY COLLEGE**

**Major:** *Industrial Operations Engineering*

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

Glen Oaks Community College	Lawrence Technological University
Courses Required	Equivalencies
Mathematics	
NSM 161	MCS1414 Calculus 1
NSM 162	MCS1424 Calculus 2
NSM 261	MCS2414 Calculus 3
NSM 262	MCS2423 Differential Equations
Natural Sciences	
NSC 133	CHM1213 University Chemistry 1 CHM1221 University Chemistry 1 Lab
NSP 251 + 252	PHY2413 University Physics 1 PHY2421 University Physics 1 Lab
NSP 253 + 254	PHY2423 University Physics 2 PHY2431 University Physics 2 Lab
Communications	
COM 121 or 122	COM1103 English Composition
COM 111	COM2103 Tech & Prof. Communication
Humanities	
Select Two Courses: <b>ART 220, 221, HUA 100, HUH 101, HUL 107, 110, 212, 234, HUM 150, HUR 231, 232</b>	Humanities Courses 6 Credit Hours Required
Select Two Courses: <b>SSA 201, SSC 120, SSG 110, 111, SSH 101, 102, 201, 202, 204, SSP 101, SSS 120, 121, HUP 210, 230, HUR 231</b>	Social Science Courses 6 Credit Hours Required
BAE 203 or 204	SSC2303 Principles of Economics 1
Additional Core Requirements	
EIE 253	ECE3003 Thermodynamics
EIE 232	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 courses listed on 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**

NSM 151 College Algebra  
NSM 153 College Trigonometry  
NSC 130 Basic Chemistry  
NSP 145 Principles 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

6/28/11 am