

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

**Majors:**                    *Engineering: Civil (CE), Computer (ECE), Electrical (EE), and Mechanical (ME), Biomedical (BioMed)*

**Valid For:**                **Lawrence Technological University    2008-2009 Catalog**  
**Macomb Community College            2009-2010 Catalog**

Macomb Community College Courses	Lawrence Technological University Courses
<b>Natural Sciences</b>	
CHEM 1170	CHM 1213 University Chemistry 1 CHM 1221 University Chemistry 1 Lab
PHYS 2220	PHY 2413 University Physics 1 PHY 2421 University Physics 1 Lab
PHYS 2230	PHY 2423 University Physics 2 PHY 2431 University Physics 2 Lab
<b>Mathematics</b>	
MATH 1760	MCS 1414 Calculus 1
MATH 1770	MCS 1424 Calculus 2
MATH 2760	MCS 2414 Calculus 3
Select one: ITCS 2530, 2550 (ECE only)	MCS 1142 Introduction to C
<b>Communications</b>	
Select one: ENGL 1180, 1190, 1210, 1220	COM 1103 English Composition
BCOM 2050	COM 2103 Tech & Prof Comm
<b>Humanities</b>	
Select two courses: <b>ARTT</b> 2610, 2620, <b>ENGL</b> 1730, 2410, 2420, 2510, 2520, 2600, 2610, 2710, 2720, 2730, 2800, 2810, 2850, <b>HUMN</b> 1210, 1250, 1472, 1473, 1474, 1476, 1479, 1750, <b>MUSC</b> 1030, 2710, <b>PHIL</b> 2400, <b>THEA</b> 1100	Humanities 6 credits hours required
Select Two Courses: <b>ANTH</b> 1000, <b>HIST</b> 1260, 1270, 1500, 1600, 1700, 2000, 2100, 2200, 2360, 2390, 2420, 2520, <b>GEOG</b> 1500, 2000, <b>INTL</b> 2000, 2010, 2300, <b>HUMN</b> 1700, 2000, <b>PHIL</b> 2010, 2100, <b>POLS</b> 1000, 1101, 1104, 1200, 1600, 1900, <b>SOSC</b> 1010, <b>SOCY</b> 1010, 1100, 2000, 2450, <b>PSYC</b> 1010, 2210, 2310, 2400, 2500, 2600, 2700, 2800	Social Science 6 credit hours required

### Additional Transferable Courses

ENGR 1000 Introduction to Engineering <i>(All Engineering Majors)</i>	EGE1012 Introduction to Engineering or ECE1012 Civil Engineering Perspectives or EEE 1012 Intro to Electrical Engineering
MATH 2770	MCS 2423 Differential Equations
ECON 1160 or 1170	SSC 2303 Basic Economics
SURV 1100 + 2300 <i>(For Civil Eng. Only)</i>	ECE1013 Surveying and Land Meas.
GEOL 1140 <i>(For Civil Eng. Only)</i>	GLG1103 Geology
CIVL 1000 + CIVL 2200 <i>(For Civil Eng. Only)</i>	ECE 1413 CE Materials
BIOL 1000 <i>(For BioMed's Only)</i>	BIO 1213 + 1221 Biology 1 + Lab
ATMT 1300 + 1310 + PRDE 1300 (ME's Only)	EGE 1023 + 1021 Engr. Materials + Lab

**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:**

MATH 0070 Beginning Algebra  
 MATH 1000 Intermediate Algebra  
 MATH 1420 College Algebra  
 MATH 1430 College Trigonometry  
 MATH 1450 Algebra and Trigonometry  
 CHEM 1050 General Chemistry 1  
 PHYS 1180 Introductory Physics

***Apprenticeship, trade, remedial, physical education, and basic study courses are not transferable.***

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