

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

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

Macomb Community College Courses	Lawrence Technological University Equivalencies	Options		
		1	2	3

NOTE: Option 1 requires Calculus 1, 2, and 3. Options 2 and 3 require Applied Calculus.

Natural Sciences Courses

PHYS 2220	PHY2413 University Physics 1 PHY2421 University Physics Lab 1	X		
PHYS 2230	PHY2423 University Physics 2 PHY2431 University Physics Lab 2	X		
Select two courses and one must include a lab: ASTR 1030 +1040, BIOL 1000, 1010, 2310, 2400, 2710, CHEM 1050, 1060, 1170, GEOL 2170, NATS 1200, 1210, 1310, PHSA 1050, PHYS 1180, 1190, 2220, 2230	NSCXXX3 Natural Science Elective Credit (7 credit hours)		X	X

Mathematics

MATH 1760	MCS1414 Calculus 1	X		
MATH 1770	MCS1424 Calculus 2	X		
MATH 2760	MCS2414 Calculus 3	X		
Select one: MATH 1410 or 1430	MCS1214 Intro to Math Analysis 1		X	X
MATH 1370 or 1760	MCS1224 Intro to Math Analysis 2		X	X
ITCS 2530 or 2550	MCS1142 Intro to C	X	X	X
ITCS 1010	MCS1003 Intro to Computer Appl	X	X	X

Communications

Select one: ENGL 1180, 1190, 1210, 1220	COM1103 English Composition	X	X	X
BCOM 2050	COM2103 Tech & Prof Comm	X	X	X

Humanities

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 Courses 6 Credit Hours Required	X	X	X
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 Courses 6 Credit Hours Required	X	X	X
		X	X	X

Select one additional course: <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	ONE Additional Social Science Course			
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Additional Transferable Courses

ITCS 1230	MCS1613 Visual Basic	X	X	X
MATH 1340	MCS2113 Statistics 1		X	X
MATH 2000 or 2770	MCSXXX3 Adv Math Requirement	X		
MATH 2200	MCS2524 Discrete Math	X	X	X
ITCS 2530	MCS1514 Computer Science 1	X	X	X
ITCS 2590	MCS2514 Computer Science 2	X	X	X
ITCS 2050	MCS 3563 Game Design			X
Select 2-3 of the Following Courses: ITCS 1160, 1180, 2360 or 2370 (both courses cannot transfer), 2550.	MCS XXX3 Computer Science Electives- 6 Credit Hours (Option 2,3), 9 Credit Hours (Option 1)	X	X	X
21 Semester Hrs College Level Coursework	OPEN Electives Option 1- 21 Semester Hours Options 2 & 3- 18 Semester Hours	X	X	X

**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 encourage and welcome you to contact an admissions counselor at LTU early in your community college coursework 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.

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

**THE FOLLOWING ARE PREREQUISITE COURSES AND DO NOT TRANSFER**

**Option 1**

MATH 0070 Beginning Algebra  
MATH 1000 Intermediate Algebra  
MATH 1420 College Algebra  
MATH 1430 Trigonometry  
MATH 1450 College Algebra and Trigonometry  
PHYS 1180 Introduction to Physics

**Options 2 and 3**

MATH 0070 Beginning Algebra  
MATH 1000 Intermediate Algebra

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  
Fax (248) 204-2228

Phone (248)-204-3160

6/5/09 am