

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

**Major:** **COMPUTER SCIENCE**

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

Washtenaw 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

PHY 211	PHY2413 University Physics 1 PHY2421 University Physics Lab 1	X		
PHY 222	PHY2423 University Physics 2 PHY2431 University Physics Lab 2	X		
Select two courses and one must include a lab: AST 111, BIO 101, 102, 103, 111, 208, 215 + 216, 220, 227, 228, 237, CEM 105, 111, 140, GLG 100, 104, 114, 125, PHY 100, 105, 110, 111	NSCXXX3 Natural Science Elective Credit (7 credit hours)		X	X

Mathematics

MTH 191	MCS1414 Calculus 1	X		
MTH 192	MCS1424 Calculus 2	X		
MTH 293	MCS2414 Calculus 3	X		
Select One: MTH 176, 178, 180 or 181	MCS1214 Intro to Math Analysis 1		X	X
MTH 182 or 191	MCS1224 Intro to Math Analysis 2		X	X

Communications

ENG 111 or 226	COM1103 English Composition	X	X	X
BMG 207	COM2103 Tech & Prof Comm	X	X	X

Humanities

Select Two Courses: <b>ART</b> 143, <b>ENG</b> 160, 170, 181, 200, 211, 212, 213, 214, 222, 223, 224, 270, <b>HUM</b> 101, 102, 103, 146, 175, <b>PHL</b> 200	Humanities Courses 6 Credit Hours Required	X	X	X
Select Two Courses: <b>ANT</b> 201, 202, 205, <b>GEO</b> 101, <b>HUM</b> 145, <b>HST</b> 121, 122, 123, 150, 200, 201, 202, 215, 216, 220, 235, 240, 251, 260, <b>PHL</b> 101, 205, 245, <b>PLS</b> 112, 150, 211, 220, 250, <b>SOC</b> 100, 202, 205, 207, 230, 250, <b>PSY</b> 100, 206, 207, 209, 257, 260	Social Science Courses 6 Credit Hours Required	X	X	X
Select one additional course different from above selections: <b>ANT</b> 201, 202, 205, <b>GEO</b> 101, <b>HUM</b> 145, <b>HST</b> 121, 122, 123, 150, 200, 201, 202, 215, 216, 220, 235, 240, 251, 260, <b>PHL</b> 101, 205, 245, <b>PLS</b> 112, 150, 211, 220,	ONE Additional Social Science Course	X	X	X

250, <b>SOC</b> 100, 202, 205, 207, 230, 250, <b>PSY</b> 100, 206, 207, 209, 257, 260			
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Additional Transferable Courses

MTH 160	MCS2113 Statistics 1		X	X
MTH 197 or 295	MCSXXX3 Adv Math Requirement	X		
CPS185	MCS1623 Intro to Visual Basic	X		
CPS 272	MCS2534 Data Structures			
CIS 238	MCS3663 Assembler	X	X	X
CPS 271	MCS1514 Computer Science 1	X	X	X
CPS 285	MCS1514 Computer Science 2	X	X	X
18-21 Semester Hours of 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**

CEM 105 Introductory Chemistry  
 MTH 062 Pre-Algebra  
 MTH 097 Introductory Algebra  
 MTH 169 Intermediate Algebra  
 MTH 178 Trigonometry  
 MTH 180 Precalculus  
 PHY 105 Fundamentals of Physics

**Options 2 and 3**

MTH 062 Pre-Algebra  
 MTH 097 Introductory Algebra  
 MTH 169 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  
 Phone (248)-204-3160  
 Fax (248) 204-2228