

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

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

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

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

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

**Mathematics**

MATH 151	MCS1414 Calculus 1	X		
MATH 152	MCS1424 Calculus 2	X		
MATH 253	MCS2414 Calculus 3	X		
MATH 254 or 260	MCSXXX3 Adv Math Requirement	X		
MATH 122 or 126	MCS1214 Intro to Math Analysis 1		X	X
MATH 141 or 151	MCS1224 Intro to Math Analysis 2		X	X
STAT 215	MCS2113 Statistics 1		X	X

**Natural Sciences**

PHYS 251	PHY2413 University Physics 1 PHY2421 University Physics 1 Lab	X		
PHYS 252	PHY2423 University Physics 2 PHY2431 University Physics 2 Lab	X		
Select two courses - one must include a lab: (min. 7 sem. Hrs): <b>ASTR</b> 201, <b>BIOL</b> 121, 127, 128, 202, 203, 260, 265, 270, 275, 276, <b>CHEM</b> 120, 125, 130,135, 151,182, 192, 211, <b>GEOL</b> 221, 222, 230, <b>ISCI</b> 131, <b>PHYS</b> 200, 221, 222, 251, 222	Natural Science Elective Credit (7 credit hours- 1 must include a lab)		X	X

**Communications**

WRIT 121 or 122	COM1103 English Composition	X	X	X
WRIT 127	COM2103 Tech. & Prof. Com.	X	X	X

**Humanities**

Select Two Courses: <b>ENGL</b> 122, 201, 202, 203, 205, 211, 212, 220, 255, 256, 260, 265, 266, 267, 270, 290, <b>HUMS</b> 120, 160, 211, 212, <b>MUSC</b> 240, 241 <b>PHIL</b> 211, <b>THEA</b> 210 <b>RELG</b> 241, 242 <b>WRIT</b> 260	Humanities Courses 6 Credit Hours Required	X	X	X
Select Two Courses: <b>ANTH</b> 270, 275, 276 <b>HIST</b> 150, 210, 211, 212, 214, 220, 230, 240, 250, 260, <b>GEOG</b> 121, 200, <b>HUMS</b> 213, 214, <b>PHIL</b> 152, 212 <b>POLS</b> 120, 121, 201, 240, 250, 260, 270 <b>SOCL</b> 120,	Social Science Courses 6 Credit Hours Required	X	X	X

185, 254, 255, 260 <b>PSYC</b> 200, 202, 203, 205, 209, 210, 221, 222, 250 <b>RELG</b> 211, 212, 250				
Select one additional course different from above selections: <b>ANTH</b> 270, <b>ECON</b> 201, 202, <b>HIST</b> 150, 210, 211, 212, 214, 230, 240, 250, 260, <b>GEOG</b> 220 , 202, <b>HUMS</b> 214, 215, <b>PHIL</b> 151, 211, <b>POLS</b> 120, 121, 240, 250, 260, 270, <b>PSYCH</b> 200, <b>SOCL</b> 120	One Additional Social Science Course (3 Semester Hours)	X	X	X

Additional Core Requirements

CITP 110	MCS 1142 Intro to C	X	X	X
Select One: CPSC 230 or CITP 180	MCS 1514 Computer Science 1	X	X	X
CPSC 231 or CITP 190	MCS 2514 Computer Science 2	X	X	X
CPSC 260	MCS 2423 Discrete Math	X	X	X
18- 21 Sem. Hours of College Level Coursework	Open Electives (21 Sem. Hours- Options 2 & 3) (18 Sem. Hours- Option 1)	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. 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.***

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

**Option 1**

MATH 107 Introductory Algebra  
 MATH 112 Intermediate Algebra  
 MATH 121 College Algebra I  
 MATH 122 College Algebra II and Trigonometry  
 MATH 126 College Algebra and Trigonometry  
 PHYS 201 Introductory Physics 1

**Options 2 and 3**

MATH 107 Introductory Algebra  
 MATH 112 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

6/16/11 am