

LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE
GRAND RAPIDS COMMUNITY COLLEGE

Major: COMPUTER SCIENCE

Valid For: Lawrence Technological University 2008-2009 Catalog
Grand Rapids Community College 2009-2011 Catalog

Grand Rapids Community College	Lawrence Technological University	Options		
Courses	Equivalencies	1	2	3

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

Natural Sciences Courses

PH 245 + 246	PHY2413 University Physics 1 PHY2421 University Physics Lab 1	X		
Any other combination will not transfer	PHY2423 University Physics 2	X		
	PHY2431 University Physics Lab 2			
Select two courses and one must include a lab: AS 103, BI 101, 103, 104, 117, 121, 122, 151, 152, CM 100, 101, 103, 104, 109, 210, 231, 241, 252, GL 101, 104, 105, PC 101, PH 111, 125, 126	NCSXXX3 Natural Science Elective Credit (7 credit hours)		X	X

Mathematics

MA 133	MCS1414 Calculus 1	X		
MA 134	MCS1424 Calculus 2	X		
MA 255	MCS2414 Calculus 3	X		
MA 131	MCS1214 Math Analysis I		X	X
MA 129 or 133	MCS1224 Math Analysis 2		X	X

Communications

EN 101 or 102	COM1103 English Composition	X	X	X
BA 102 or EN 249	COM2103 Tech & Prof Comm	X	X	X

Humanities

Select Two Courses: AT 105, 106, EN 233, 235, 237, 247, 252, 261, 262, 270, 271, 272, 275, 281, 282, HU 204, 205, 274, MU 235	Humanities Courses 6 Credit Hours Required	X	X	X
Select Two Courses: AN 201, 205, 210, 280, GE 132, 135, 140, 253, 281, HS 101, 102, 120, 121, 241, 242, 249, 250, 251, 260, 276, 281, 290, PL 201, 205, PS 110, 200, 201, 202, 215, SO 251, 254, 260, 265, 270, PY 201, 231, 260	Social Science Courses 6 Credit Hours Required	X	X	X
Select one additional course different from above selections: AN 201, 205, 210, 280, GE 132, 135, 140, 253, 281, HS 101, 102, 120, 121, 241, 242,	One Additional Social Science Course (3 Semester Hours)	X	X	X

249, 250, 251, 260, 276, 281, 290, PL 201, 205, PS 110, 200, 201, 202, 215, SO 251, 254, 260, 265, 270, PY 201, 231, 260				
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Additional Transferable Courses

MA 257	MCSXXX3 Adv Math Req	X		
MA 245	MCS2524 Discrete Math	X	X	X
CO 127	MCS1142 Intro to C	X	X	X
CO 227	MCS1514 Computer Science 1	X	X	X
CO 229	MCS2514 Computer Science 2	X	X	X
CO 260	MCS3543 Data Base Systems	X	X	X
18-21 Semester Hours of College Level Coursework	Open Electives (Option 1- 18 Semester Hours) (Options 2 & 3- 21 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.

THE FOLLOWING ARE PREREQUISITE COURSES AND DO NOT TRANSFER

Option 1

MA 104 Elementary Algebra
 MA 107 Intermediate Algebra
 MA 110 College Algebra
 MA 108 Trigonometry
 PH 125 College Physics 1

Options 2 and 3

MA 104 Elementary Algebra
 MA 107 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