

LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE
GRAND RAPIDS COMMUNITY COLLEGE

Major: *Physics (P) / Physics and Computer Science (PCS)*

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

Grand Rapids Community College Courses	Lawrence Technological University Equivalencies
Natural Sciences	
CH 103 or 113	CHM1213 University Chemistry 1 CHM1221 University Chemistry 1 Lab
PH 245	PHY2413 University Physics 1 PHY2421 University Physics 1 Lab
PH 246	PHY2423 University Physics 2 PHY2431 University Physics 2 Lab
Mathematics	
MA 133 +	MCS1414 Calculus 1
MA 134 +	MCS1424 Calculus 2
MA 255	MCS2414 Calculus 3
Calculus courses transfer as a package and cannot be transferred individually.	
Communications	
EN 101 or 102	COM1103 English Composition
BA 102 or EN 249	COM2103 Tech & Prof Comm
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
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
Select one additional course different from previous selection: 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	One Additional Social Science Course (3 Semester Hours)

Additional Transferable Courses

CM 114	CHM1223 University Chemistry 2 CHM1232 University Chemistry 2 Lab
MA 257	MCS2423 Differential Equations
11 Semester Hours of College Level Coursework (P only)	General Electives (11 Semester Hours)

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:

CM 100 Basic Chemistry
 MA 104 Elementary Algebra
 MA 107 Intermediate Algebra
 MA 110 College Algebra
 MA 108 Trigonometry
 PH 125 College Physics 1

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) 204-3188

6/8/09 am