

LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE
GRAND RAPIDS COMMUNITY COLLEGE

Majors: *Industrial Operations Engineering*
Valid For: Lawrence Technological University 2011-2012 Catalog
Grand Rapids Community College 2011-2013 Catalog

Grand Rapids Community College Courses	Lawrence Technological University Equivalencies
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Mathematics

MA 133	MCS1414 Calculus 1
MA 134	MCS1424 Calculus 2
MA 255	MCS2414 Calculus 3
MA 257	MCS2423 Differential Equations

Natural Sciences

CHM 130 + 131	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

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
EC 251 or 252	SSC2303 Principles of Economics 1

Additional Core Requirements

EG 208	EGE2013 Statics
EG 212	EME3043 Dynamics

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.

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.

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