

**LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE**  
**NORTHWESTERN MICHIGAN COLLEGE**

**Major:** *MATH / MATH & COMPUTER SCIENCE*

**Valid For:** Lawrence Technological University 2008-2009 Catalog  
Northwestern Michigan College 2009-2011 Catalog

Northwestern Michigan College	Lawrence Technological University
Courses Required	Equivalencies
Natural Sciences Courses	
CHM 150 + 150R	CHM1213 UNIV CHEM 1 CHM1221 UNIV CHEM 1 LAB
PHY 221 + PHY 221R	PHY2413 UNIV PHYSICS 1 PHY2421 UNIV PHYSICS LAB 1
PHY 222 + PHY 222R	PHY2423 UNIV PHYSICS 2 PHY2431 UNIV PHYSICS LAB 2
Mathematics	
MTH 141	MCS1414 CALC 1
MTH 142	MCS1424 CALC 2
MTH 241	MCS2414 CALC 3
MTH 118	MCS1102 INTRO TO PROG
Communications	
ENG 111 or 112	COM1103 ENG COMP
BUS 230	COM2103 TECH & PROF COMM
Humanities	
Select Two Courses: <b>ART</b> 100, 111, 112, 116, <b>ENG</b> 221, 240, 241, 242, 254, 256, 261, 262, 263, 264, 265, 271 <b>HUM</b> 101, 102, 111, 112, <b>MUS</b> 110, 111, <b>PHL</b> , 181, 182	Humanities Courses 6 Credit Hours Required
Select Two Courses: <b>GEO</b> 101, 105, 108, 109, 110, <b>HST</b> 101, 102, 111, 112, 211, 212, 213, 225, 228, 230, 235, <b>PHL</b> 101, 105, 121, 122, 201, 202, 222, <b>HUM</b> 116 <b>PLS</b> 101, 132, 211, 221 <b>SOC</b> 101, 113, 201, 211, 220, 231 <b>PSY</b> 101, 211. 221, 223, 225, 231, 250	Social Science Courses 6 Credit Hours Required
Select one additional course in a different discipline from above selections: <b>GEO</b> 101, 105, 108, 109, 110, <b>HST</b> 101, 102, 111, 112, 211, 212, 213, 225, 228, 230, 235, <b>PHL</b> 101, 105, 121, 122, 201, 202, 222, <b>HUM</b> 116 <b>PLS</b> 101, 132, 211, 221 <b>SOC</b> 101, 113, 201, 211, 220, 231 <b>PSY</b> 101, 211. 221, 223, 225, 231, 250	ONE ADDITIONAL SOCIAL SCIENCE COURSE

Additional Transferable Courses

MTH 251	MCS2423 DIFFERENTIAL EQUATIONS
6 SEMESTER HOURS OF COLLEGE LEVEL COURSEWORK (MATH & COMP SCI MAJORS ONLY)	OPEN ELECTIVES (6 SEM HOURS)
21 SEMESTER HOURS OF COLLEGE LEVEL COURSEWORK (MATH MAJORS ONLY)	OPEN ELECTIVES (21 SEM 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 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**

MTH 23 Beginning Algebra  
 MTH 111 Intermediate Algebra  
 MTH 140 College Algebra/Trigonometry  
 CHM 101 Introductory Chemistry

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

6/5/09 am