# LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE

**WESTERN MICHIGAN UNIVERSITY**

**Majors:**  
All Majors

**Valid For:**  
Lawrence Technological University  2008-2009 Catalog  
Western Michigan University      2009-2010 Catalog

<table>
<thead>
<tr>
<th>Western Michigan University Courses</th>
<th>Lawrence Technological University Equivalencies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Transferable Coursework for Architecture Majors</strong></td>
<td></td>
</tr>
</tbody>
</table>
| PHYS 1130 + 1140                  | PHY2213 College Physics 1
|                                  | PHY2221 College Physics 1 Lab
| PHYS 1150 + 1160                  | PHY2223 College Physics 2
|                                  | PHY2231 College Physics 2 Lab
| MATH 1180                          | MCS1214 Math Analysis 1
| MATH 1220 or 1700                  | MCS1224 Math Analysis 2
| **Transferable Coursework for Engineering Majors** |
| CHEM 1100 + 1110                  | CHM1213 University Chemistry 1
|                                  | CHM1221 University Chemistry 1 Lab
| PHYS 2050 + 2060                  | PHY2413 University Physics 1
|                                  | PHY2421 University Physics 1 Lab
| PHYS 2070 + 2080                  | PHY2423 University Physics 2
|                                  | PHY2431 University Physics 2 Lab
| MATH 1220 or 1700                  | MCS1414 Calculus 1
| MATH 1230 or 1710                  | MCS1424 Calculus 2
| MATH 2720                          | MCS2414 Calculus 3
| MATH 3740                          | MCS2423 Differential Equations
| ECE 2100 (EE Majors)              | EEE 2114 Circuits 1
| ECE 2210 (EE Majors)              | EEE 3313 Electronics
| ECE 2510 (EE Majors)              | EEE 3233 + 3231 Microprocessors + Lab
| ECE 3550 (EE Majors)              | EEE 2213 + 2211 Digital Electronics + Lab
| ECE 4600 (EE Majors)              | EEE 4423 Communication Systems
| ME 2560 (ME, CE Majors)           | EGE 2013 Statics
| ME 2580 (ME, CE Majors)           | EME3043 Dynamics
| ME 2200 (ME Majors)               | EME3023 Manufacturing Processes
| ME 2320 (ME, CE Majors)           | EME3003 Thermodynamics
| ME 2570 (ME, CE Majors)           | EME3013 Mechanics of Materials
| ME 4310 (ME Majors)               | EME 4013 Heat Transfer
| IME 3200                           | EGE 3012 Engineering Cost Analysis
| **Transferable Coursework for All Majors** |
| Select one: ENGL 1050              | COM1103 English Composition
| BIS 3400                           | COM2103 Tech & Prof Comm
| Humanities                          |
| Select Two Courses: ART 1200, 2200, 2210, 220, 2230, ENGL 1100, 1120, 1500, 2220, 2230, 2520, 2660 | Humanities Courses  
6 Credit Hours Required
| Select Two Courses: ANTH 1200, 1500, 2100,2400, AFS 2000, GEOG 2050, HIST 1000, 1010, 1030, 1900, 2100, 2110, 2120, 3000, 3020, | Social Science Courses  
6 Credit Hours Required
### Transferable Coursework for Business Management/IT Majors

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTY 2100</td>
<td>Acct. Principles 1</td>
</tr>
<tr>
<td>ACTY 2110</td>
<td>Acct. Principles 2</td>
</tr>
<tr>
<td>ECON 2020</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>ECON 2010</td>
<td>Microeconomics</td>
</tr>
<tr>
<td>MKTG 2500</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>MGMT 2500</td>
<td>Organizational Behavior</td>
</tr>
<tr>
<td>MGMT 3000</td>
<td>Management &amp; Supervision</td>
</tr>
</tbody>
</table>

### Transferable Coursework for Computer Science Majors

**Math & Science Requirements (Game Development & Scientific Option):**

- MATH 2050 + 2060, 2070 + 2080, MATH 1220 or 1700, MATH 1230 or 1710, MATH 2720, MATH 3740

Courses to receive credit for: MCS 1414, MCS 1424, MCS 2414, MCS 2423, PHY 2413 + 2421, PHY 2423 + 2431

**Math & Science Requirements (Software & Business Options):**

- MATH 1180, MATH 1220 or 1700, CHEM 1100 + 1110, PHYS 1130 + 1140
  - Other choices: PHYS 1150 + 1160, BIOS 1050, 1120, 1500, 2110, 2300, GEOS 131, 1440

Courses to receive credit for: MCS 1214, MCS 1224, Natural Science Elective Credit (7 credit hours)

- CS 2060 (short one hour)
- CS 1110 + 1120

Courses to receive credit for: MCS 1613 Visual Basic, MCS 1514 Computer Science + MCS 1524 C.S. 2

### PLEASE NOTE:

- All courses must have a grade of a “C” (or 2.0) or higher in order to transfer.
- Courses that are on sheet may not apply towards all programs. Please contact the Office of Admissions to determine which courses transfer to particular programs.
- THE FOLLOWING ARE COURSES THAT DO NOT TRANSFER:
  - 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) 204-2228

7/1/09 am