**LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE**  
**MUSKEGON COMMUNITY COLLEGE**

**Major:**  
*PHYSICS*

**Valid For:**  
Lawrence Technological University 2005-2007 Catalog  
Muskegon Community College 2004-2005 Catalog

<table>
<thead>
<tr>
<th>Muskegon Community College</th>
<th>Lawrence Technological University</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Courses Required</strong></td>
<td><strong>Equivalencies</strong></td>
</tr>
<tr>
<td>CHEM 102 + 102A</td>
<td>CHM1213 UNIV CHEM 1</td>
</tr>
<tr>
<td></td>
<td>CHM1221 UNIV CHEM 1 LAB</td>
</tr>
<tr>
<td>PHYS 203 + 204</td>
<td>PHY2413 UNIV PHYSICS 1</td>
</tr>
<tr>
<td></td>
<td>PHY2423 UNIV PHYSICS 2</td>
</tr>
<tr>
<td></td>
<td>PHY2421 UNIV PHYSICS LAB 1</td>
</tr>
</tbody>
</table>

**Natural Sciences Courses**

**Mathematics**

| MATH 161                  | MCS1414 CALC 1                     |
| MATH 272                  | MCS1424 CALC 2                     |
| MATH 274 + 283 (These courses must all be taken; they are not individually transferable) | MCS2414 CALC 3 |
| CIS 165                   | MCS1102 INTRO TO PROG              |

**Communications**

| ENG 101 or 102            | COM1103 ENG COMP                   |
| BCOM 101                  | COM2103 TECH & PROF COMM           |

**Humanities**

Select Two Courses:  
**ART** 198, 199, 202,  **BCOM** 101  
**ENG** 101, 102, 200, 201, 204, 205, 206, 211, 213, 222, 225, 226, 227, 228,  **HUM** 195

Humanities Courses  
6 Credit Hours Required

Select Two Courses:  
**AS** 201,  **ANTH** 105, 110,  **GEOG** 101A, 102, 102C, 105, 215  
**GEOL** 101A  
**HIST** 101, 102, 201, 202, 204, 207, 210, 211, 220  
**PHIL** 101, 102, 104, 202, 203, 204, 205, 210  
**PSCI** 111, 202, 203, 205, 211, 220  
**SOC** 101, 102,  **PSYC** 201, 203

Social Science Courses  
6 Credit Hours Required

Select one additional course different from the above selections:  
**AS** 201,  **ANTH** 110,  **GEOG** 102,  **HIST** 101, 102, 201, 202, 207,  **PHIL** 101, 202, 203,  **PSCI** 111, 202,  **PSCI** 203, 211,  **SOC** 101, 202

ONE ADDITIONAL SOCIAL SCIENCE COURSE

**Additional Transerable Courses**

| MATH 295                  | MCS2423 DIFFERENTIAL EQUATIONS     |
| ASTR 101                  | PHY1213 GENERAL ASTRONOMY          |

**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.

• Transferring Architecture students are advised to submit a portfolio documenting their community college art and architecture coursework for placement purposes.

• This transfer guide sheet is valid for the catalog dates shown.

• A maximum of 60 semester hours of community college coursework may 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

MATH 040  Elementary Algebra
MATH 050  Intermediate Algebra
MATH 110  College Algebra
MATH 112  Trigonometry
CHEM 100  Fundamentals of Chemical Concepts

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

10/11/05 EA