LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE
SOUTHWESTERN MICHIGAN COLLEGE

Major: **COMPUTER SCIENCE**

Valid For: Lawrence Technological University 2005-2007 Catalog
Southwestern Michigan College 2004-2006 Catalog

<table>
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<tr>
<th>Southwestern Michigan College</th>
<th>Lawrence Technological University</th>
<th>Options</th>
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<tbody>
<tr>
<td>Courses Required</td>
<td>Equivalencies</td>
<td>1 2 3</td>
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**Natural Sciences Courses**

PHYS 201 + 202
These courses must both be taken; they are not individually transferable.

PHY2413  UNIV PHYSICS 1
PHY2421  UNIV PHYSICS LAB 1
PHY2423  UNIV PHYSICS 2
PHY2431  UNIV PHYSICS LAB 2

Select two courses and one must include a lab:
BIOL 101, 201, 202, 214, BISC 111,
CHEM 100, 101, ENST 110, PHSC 112,
115, PHYS 101, 102

NSCXXX3 NATURAL SCIENCE ELECTIVE CREDIT (7 credit hours)

**Mathematics**

MATH 141  MCS1414  CALC 1  X
MATH 142  MCS1424  CALC 2  X
MATH 201  MCS2414  CALC 3  X
MATH 129  MCS1214  MATH ANAL I  X  X
MATH 141  MCS1224  MATH ANAL II  X  X
CIS 101  MCS1003  INTRO TO COMP APP  X  X  X

**Communications**

ENGL 101 or 103 or 104  COM1103  ENG COMP  X  X  X
BUSI 214  COM2103  TECH & PROF COMM  X  X  X

**Humanities**

Select two Courses:
ART 110, 203, 204, ENGL 223, 224, 225,
231, 232, 233, 241, 281, 282, 291, 292,
MUSI 110

Humanities Courses
6 Credit Hours Required

Select Two Courses:
HIST 102, 201, 202, PHIL 201, POSC 201,
202, SOCI 101, 201, PSYC 101

Social Science Courses
6 Credit Hours Required

Select one additional course different from the above selection:
HIST 102, 201, 202, PHIL 201, POSC 201,
202, SOCI 101, 201

ONE ADDITIONAL SOCIAL SCIENCE COURSE  X  X  X
### Additional Transferable Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 203 OR 204</td>
<td>MCSXXX3 ADV MATH REQ</td>
<td>X</td>
</tr>
<tr>
<td>CIS 210</td>
<td>MCS1514 COMPUTER SCIENCE 1</td>
<td>X X X</td>
</tr>
<tr>
<td>MATH 150</td>
<td>MCS2023 STATISTICS 1</td>
<td>X X</td>
</tr>
<tr>
<td>MATH 204</td>
<td>MCS2423 DIFFERENTIAL EQUATIONS</td>
<td>X</td>
</tr>
<tr>
<td>21 SEMESTER HOURS OF COLLEGE LEVEL COURSEWORK</td>
<td>OPEN ELECTIVES (21 SEM HOURS)</td>
<td>X X X</td>
</tr>
</tbody>
</table>

**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.
- 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

- MATH 105 Intermediate Algebra
- CHEM 100 Principles of Chemistry (Option 1)
- PHYS 101 Principles of Physics (Option 1)

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

8/24/05 am