## Major: **COMPUTER SCIENCE**

**Valid For:**
- Lawrence Technological University 2010-2011 Catalog
- Lake Michigan College 2009-2010 Catalog

<table>
<thead>
<tr>
<th>Lake Michigan College</th>
<th>Lawrence Technological University</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Courses Required</strong></td>
<td><strong>Equivalencies</strong></td>
<td><strong>1</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>2</strong></td>
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<td><strong>3</strong></td>
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</tbody>
</table>

### Mathematics
- **MATH 151**
  - MCS1414 Calculus 1
  - X
- **MATH 201**
  - MCS1424 Calculus 2
  - X
- **MATH 202**
  - MCS2414 Calculus 3
  - X
- **MATH 252**
  - MCSXXXX3 Adv Math Requirement
  - X
- **MATH 105 or 109**
  - MCS1214 Intro to Math Analysis 1
  - X
- **MATH 151**
  - MCS1224 Intro to Math Analysis 2
  - X
- **MATH 216**
  - MCS2113 Statistics 1
  - X

### Natural Sciences
- **PHYS 201**
  - PHY2413 University Physics 1
  - X
- **PHYS 202**
  - PHY2421 University Physics 1 Lab
  - X
- **Select two courses and one must include a lab:**
  - BIOL 101, 108, 111, 112, 204, 205, 206, 210, 212, CHEM 101, 102, 105, 106, 111, PHYS 101, 102, 110, 201, 202
  - Natural Science Elective Credit (7 credit hours - 1 must include a lab)
  - X

### Communications
- **ENGL 101 or 102**
  - COM1103 English Composition
  - X
- **NO EQUIVALENT**
  - COM2103 Tech & Prof. Communication
  - X

### Humanities
- **Select Two Courses:**
  - ART 101, 102, 200, 201, 203, 204, ENGL 201, 204, 205, 206, 209, 210, 211, 216, 217, HUMN 201, 210, 212, 213, MUSI 109, 213, 214
  - Humanities Courses
  - 6 Credit Hours Required
  - X
- **Select Two Courses:**
  - HIST 102, 201, 202, 204, 205 POSC 101, 102, 203, SOC 101, 201, 205, PHIL 101, 215, PSYC 201, 203, 205, 206, 231
  - Social Science Courses
  - 6 Credit Hours Required
  - X
- **Select one additional course different from the above selection:**
  - HIST 102, 201, 202, 204, 205 POSC 101, 102, 203, SOC 101, 201, 205, PHIL 101, 215, PSYC 201, 203, 205, 206, 231
  - One Additional Social Science Course
  - X

### Additional Core Requirements
- **CIS 254**
  - MCS1142 Intro to C
  - X
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.**

**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.**

**THE FOLLOWING ARE PREREQUISITE COURSES AND DO NOT TRANSFER**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Transferable</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 101</td>
<td>Intermediate Algebra</td>
<td>X</td>
</tr>
<tr>
<td>MAT 109</td>
<td>College Algebra (option 1)</td>
<td>X</td>
</tr>
<tr>
<td>MAT 105</td>
<td>Trigonometry (option 1)</td>
<td>X</td>
</tr>
<tr>
<td>CHM 101</td>
<td>Basic Chemistry (option 1)</td>
<td>X</td>
</tr>
<tr>
<td>PHY 101</td>
<td>General Physics 1 (option 1)</td>
<td>X</td>
</tr>
</tbody>
</table>

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

7/8/10 am