# Major:

**COMPUTER SCIENCE**

## Valid For:
- Lawrence Technological University 2005-2007 Catalog
- Mid-Michigan Community College 2004-2006 Catalog

<table>
<thead>
<tr>
<th>Mid-Michigan Community 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>1 2 3</td>
</tr>
</tbody>
</table>

### Natural Sciences Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Equivalent</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 211</td>
<td>PHY2413 UNIV PHYSICS 1</td>
<td>X</td>
</tr>
<tr>
<td>PHY 212</td>
<td>PHY2421 UNIV PHYSICS LAB 1</td>
<td>X</td>
</tr>
<tr>
<td>PHY 212</td>
<td>PHY2423 UNIV PHYSICS 2</td>
<td>X</td>
</tr>
<tr>
<td>PHY 212</td>
<td>PHY2431 UNIV PHYSICS LAB 2</td>
<td>X</td>
</tr>
<tr>
<td>Select two courses and one must include a lab: PHY 101, 105, 106, 211, 212, CHM 105, 111, 112, PSC 101, 102, GEL 101</td>
<td>NSCXXX3 NATURAL SCIENCE ELECTIVE CREDIT (7 credit hours)</td>
<td>X X</td>
</tr>
</tbody>
</table>

### Mathematics

<table>
<thead>
<tr>
<th>Course</th>
<th>Equivalent</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 126</td>
<td>MCS1414 CALC 1</td>
<td>X</td>
</tr>
<tr>
<td>MAT 225</td>
<td>MCS1424 CALC 2</td>
<td>X</td>
</tr>
<tr>
<td>MAT 226</td>
<td>MCS2414 CALC 3</td>
<td>X</td>
</tr>
<tr>
<td>MAT 116 + 216</td>
<td>MCS1214 MATH ANAL I</td>
<td>X X</td>
</tr>
<tr>
<td>MAT 126</td>
<td>MCS1224 MATH ANAL II</td>
<td>X X</td>
</tr>
<tr>
<td>CIS 100</td>
<td>MCS1003 INTRO TO COMP APP</td>
<td>X X X</td>
</tr>
</tbody>
</table>

### Communications

<table>
<thead>
<tr>
<th>Course</th>
<th>Equivalent</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 111</td>
<td>COM1103 ENG COMP</td>
<td>X X X</td>
</tr>
<tr>
<td>NO EQUIVALENT</td>
<td>COM2103 TECH &amp; PROF COMM</td>
<td>X X X</td>
</tr>
</tbody>
</table>

### Humanities

<table>
<thead>
<tr>
<th>Course</th>
<th>Equivalent</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select Two Courses: ENG 112, 201, 202, 205, 206, 211, 212, HUM 101, 102</td>
<td>Humanities Courses 6 Credit Hours Required</td>
<td>X X X</td>
</tr>
<tr>
<td>Select Two Courses: ANT 170, HUM 251, ANT 170, HIS 101, PHL 201, 210, HIS 211, 212, PSY 101</td>
<td>Social Science Courses 6 Credit Hours Required</td>
<td>X X X</td>
</tr>
<tr>
<td>Select one additional course different from the above selection: HUM 251, ANT 170, HIS 101, PHL 201, 210, HIS 102, 252, HUM 252, POL 201, SOC 101, 202</td>
<td>ONE ADDITIONAL SOCIAL SCIENCE COURSE</td>
<td>X X X</td>
</tr>
</tbody>
</table>

### Additional Transferable Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Equivalent</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPS 175 + 176 or CIS 110 + 111</td>
<td>MCS1514 COMPUTER SCI 1</td>
<td>X X X</td>
</tr>
<tr>
<td>CIS 240</td>
<td>MCS3543 DATABASE SYSTEMS</td>
<td>X X 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 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

MAT 104 Elementary Algebra
MAT 105 Intermediate Algebra
MAT 124 Precalculus (option 1)
CHM 105 Intro to Chemistry (option 1)
PHY 101 Intro to Physics (option 1)

*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

8/25/05 am