

**LAWRENCE TECHNOLOGICAL UNIVERSITY  
ARTICULATION GUIDE**

**Macomb Community College – Baccalaureate Studies Associates Degree  
LTU - Bachelor of Science in Computer Science (Option 1)  
Based on MCC 2005-2006 Catalog and LTU 2005-2007 Catalog**

**Macomb Community College Courses:**

**Transfer to LTU as:**

<b>Degree Requirements</b>	
<b>English Requirements .....(6-8 credits)</b> Two English Composition Courses ENGL 1180 or 1210 ENGL 1190 or 1220	COM 1103 English Composition ..... 3
<b>Social Science .....(3-4 credits)</b> One course from any of the following: ANTH 1000, HIST 1260, 1270, 1500, 1600, 1700, 2000, 2100, 2200, 2360, 2390, 2420, 2520, GEOG 1500, 2000, HUMN 1700, PHIL 2010, 2100, POLS 1000, 1101, 1102, 1103, 1104, 1200, 1600, 1900, SOSC 1010, SOCY 1010, 1100, 2000, 2120, 2450, PSYC 1010, 2210, 2220, 2300, 2310, 2400, 2500, 2600, 2700, 2800	SSC 2413 Foundations of the American Experience ..... 3
<b>Mathematics/Science .....(3-4 credits)</b> One course in Math, either MATH 1360 or 1450	MCS 1414 Calculus 1 ..... 4
<b>Humanities .....(3 credits)</b> One course from any of the following: ARTT 2610, 2620, ENGL 1730, 2410, 2420, 2510, 2520, 2600, 2610, 2630, 2710, 2720, 2730, 2800, 2810, 2850, HUMN 1210, 1250, 1460, 1472, 1473, 1474, 1476, 1479, 2000, 1750, MUSC 1030, 2710, PHIL 2200, 2400, THEA 1100	LLT 1213 World Masterpieces 1 ..... 3
<b>Additional Requirements .....(18 credits)</b> Recommended coursework in the following subject areas: PHYS 2220 ..... 5 PHYS 2230 ..... 5 MATH 1770 ..... 4 One Additional Social Science Course from above ..... 3-4 One Additional Humanities Course from above ..... 3	PHY 2413 + 2421 University Physics 1 + Lab ..... 4 PHY 2423 + 2431 University Physics 2 + Lab ..... 4 MCS 1424 Calculus 2 ..... 4 SSC 2423 Development of the American Experience ..... 3 LLT 1223 World Masterpieces 2 ..... 3
<b>Other Coursework .....(28 credits)</b> MATH 2760, 2770, 2200 ..... 12 BCOM 2050 ..... 4 Social Science Elective ..... 3 ITCS elective above 2100 ..... 3 ITCS 2530, 2580 ..... 8 <b>Note: Pre-requisite courses may have to be taken before enrolling in ITCS 2530 &amp; 2580. Please check with Macomb to learn about additional courses.</b>	MCS 1424, 2423, 2803 ..... 10 COM 2103 Technical and Professional Communications ..... 3 Social Science Elective ..... 3 CS Elective ..... 3 MCS 1514, 2514 ..... 8
<b>General Electives .....(12 credits)</b> <b>(Courses in disciplines such as ARTT (except ARTT 2610 or 2620), ENGL, HUMN, HIST, MUSC (except MUSC 2710 or 2720), PHIL, PSYC and SOSC are acceptable courses.)</b>	General Electives ..... (12 credits)

**NOTE: See an MCC counselor for transfer information.**

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**LTU Courses:**

**Transfer to LTU as:**

	<p><b>Remaining Courses at LTU for the BSCS:</b></p> <p><b>Computer Science Core (30 credit hours)</b>  MCS 1142 Intro to C.....2  MCS 2534 Data Structures.....4  MCS 3543 Database Systems.....3  MCS 3623 Functional Programming.....3  MCS 3663 Computer Arch./ Assembler.....3  MCS 4613 Computer Networks.....3  MCS 4643 Computer Languages.....3  MCS 4653 Auto. Theory.....3  MCS 4663 Operating Systems.....3  MCS 4833 Senior Project.....3</p> <p><b>Computer Science Electives (9 credit hours)</b></p> <p><b>Additional Arts &amp; Sciences Courses (6 credit hours)</b>  LLT Jr./ Sr. Elective.....3  SSC/ PSY Jr./ Sr. Elective.....3</p> <p><b>General Electives (6 credit hours)</b></p>
	<p><b>Maximum Transferable MCC Credits .....70</b>  <b>Minimum Credits at LTU .....51</b>  **Minimum credits to Graduate 121**</p>