



ARTICULATION GUIDE
Lansing Community College- Computer Science
LTU – Bachelor of Science in Computer Science
 Based on LCC 2007-08 Catalog and LTU 2005-07 Catalog

Lansing Community College Courses:

Transfer to LTU as:

Degree Requirements	(21 credits)
CPSC 230 Algorithms & Computing with C++.....4	MCS 1514 Computer Science 1.....4
CPSC 231 Computing with Data Structures.....4	MCS 2514 Computer Science 2.....4
CPSC 260 Computer Science Structures.....4	MCS 2534 Data Structures.....4
MATH 253 Calculus 3.....4	MCS 2414 Calculus 3.....4
PHYS 251 Physics 1: Mechanics.....5	PHY 2413 + 2421 University Physics 1 + Lab.....4
Additional Coursework	(56 credits)
MATH 151 Calculus 1.....4	MCS 1414 Calculus 1.....4
MATH 152 Calculus 2.....4	MCS 1424 Calculus 2.....4
MATH 254 Differential Equations.....3	MCS 2423 Differential Equations.....3
PHYS 252 Physics 2: Electromag, Waves & Optic.....5	PHY 2423 + 2431 University Physics 2 + Lab.....4
WRIT 121 Composition 1.....4	COM 1103 English Composition.....3
WRIT 122 Composition 2.....4	COM 2103 Tech. & Prof. Com.....3
Select Two Humanities Courses**.....8	LLT 1213 + 1223 World Masterpieces 1 + 2.....6
Select Three Social Science Courses**.....8	SSC 2413 + 2423 Foundations + Development/ Amer. Exp...6
Select One Additional Social Science Course**.....3	SSC XXX3 Social Science Elective.....3
General Elective Credit (include a LCC Communication core course).....13	General Elective Credit.....13
<p>*- Prerequisites MATH 121 and 122.</p> <p>**Please refer to MACRAO guidelines or transfer guide sheet to find transferable courses for Humanities and Social Science courses.</p> <p>***- Completion of all coursework in this guide satisfies requirements for the Associates of Science degree in Computer Science.</p>	
NOTE: See an LCC counselor for transfer information	



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Transfer to LTU as:

	<p><u>Completion of the BSCS Degree at LTU</u></p> <p>Computer Science Core (38 credits) MCS 1142 Intro to C2 MCS 2523 Discrete Math.....3 MCS 3543 Database Systems.....3 MCS 3623 Functional Programming.....3 MCS 3663 Comp. 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 Computer Science Electives.....9</p> <p>Remaining Arts & Sciences Courses (6 credits) LLT/SSC/PSY Jr./Sr. Elective.....3 SSC/PSY Jr./Sr. Elective.....3</p> <p>General Electives (9 credits)</p> <p>COM 3000- Writing Proficiency Exam must be taken during first semester at LTU.</p> <p>COM 1001 University Seminar Excused</p>
	<p>Credits Transferred to LTU:.....70 Minimum Credits at LTU: 52 **Minimum Credits to Graduate:122**</p>