

**LCC Computer Programmer/Analyst (0113)**  
**Articulation with Lawrence Technological University**

Students complete LCC Computer Programmer/Analyst Associates degree with specific requirements stated here as well as additional specified coursework to transfer to LTU as second semester juniors. LTU permits dual enrollment but students must have their Associates to graduate from LTU

<b><u>Lansing Community College Courses:</u></b>	<b><u>Transfer to LTU as:</u></b>
<b><i>LCC Degree Requirements</i></b>	
CITD 250 Database Concepts..... 3	<i>Applies toward CIS Coursework (a max. of 35 CIT credits will be accepted by LTU)</i>
CITF 108 Microsoft Windows..... 2	
CITF 110 Intro. Comp. Info. Sys. .... 3	
CITF 200 Info. Sys. and Prob. Solving..... 3	
CITF 260 Sys. Analysis and Design ..... 4	
CITP 295 Prog. Internship ..... 3	
CITW 150 Internet Literacy ..... 3	
CITP 110 Intro. to Computer Programming ..... 4	
<b><i>CHOICE 1: Gen. Education CORE</i></b>	
SPCH 110 or 120..... 3	
THEA 110 Intro. to Theatre..... 3	LTU Lit. <sup>1</sup>
MACRAO Compliant Social Science Coursework (Global Perspectives CORE) ..... 8	SSC 2413 Fdns. of the American Exp. .... 3 SSC 2423 Dev. of the American Exp. .... 3
MATH 121 College Algebra ..... 4	MCS 1214 Math Analysis 1..... 4
LCC Science CORE <sup>2</sup> ..... 8	Natural Science Elective Credit ..... 6 Natural Science Elective Lab..... 1
WRIT 121 Composition I ..... 4	COM 1103 English Composition..... 3
<b><i>CHOICE 2: Programming Tracks</i></b>	
<b><i>Subchoice 2A: Visual Basic Programming Track</i></b>	
CITP 150 Intro. to VB.Net Programming ..... 4	MCS 2414 Computer Science 2..... 4
CITP 250 Adv. VB.Net Programming..... 4	<i>Applies toward CIS Coursework (a max. of 35 CIT credits will be accepted by LTU)</i>
Choose SUBCHOICE 2B or 2C ..... 7	
<b><i>Choice 3: Business Related Choices</i></b>	
MATH 122 College Algebra II and Trig. .... 3	
STAT 215 Statistics I <sup>3</sup> ..... 3	MCS 2113 Statistics 1..... 3
<b><i>CHOICE 4: Computer Related Choices</i></b>	
2 CHOICE 4 Courses..... 5 - 6	<i>Applies toward CIS Coursework (a max. of 35 CIT credits will be accepted by LTU)</i>
<b><i>Coursework Not Included in LCC Degree</i></b>	
WRIT 122 Composition II..... 4	COM 2103 Tech. & Prof. Comm..... 3
MACRAO Compliant Literature Coursework <sup>4</sup> ..... 5	LLT 1213 World Masterpieces 1 ..... 3 LLT 1223 World Masterpieces 2 ..... 3

<b><u>Lansing Community College Courses:</u></b>	<b><u>Transfer to LTU as:</u></b>
	<p><b><u>Completion of the BSIT Degree at LTU</u></b></p> <p><b>Information Technology Core (30 credits)</b>            INT 3023 IT Inaugural .....3            INT 3103 IT Management.....3            INT 3203 Tech. Infrastructure.....3            INT 3503 PM with IT Environment .....3            INT 3603 eBusiness Strategies.....3            INT 3803 Database Design &amp; Implementation .....3            INT 4013 Telecommunication &amp; Networks .....3            INT 4023 Exploring IT Security .....3            INT 4203 Systems Analysis .....3            INT 4303 Physical Design &amp; Implementation .....3</p> <p><b>Remaining Arts &amp; Sciences Courses (6 credits)</b>            LLT/SSC/PSY Jr./Sr. Elective.....3            MCS Jr./Sr. Elective .....3</p> <p><b>ACC/MKT/MGT Electives (3 courses) (9 credits)</b></p> <p><b>COM 3000 – Writing Proficiency Exam must be taken during first semester at LTU.</b></p> <p><b>COM 1001 University Seminar Excused</b></p>
	<p><b>Credits Transferred to LTU (see Page 1): ..... 75</b>  <b>Minimum Credits at LTU: ..... 45</b></p> <p style="text-align: center;">**Minimum Credits to Graduate: 120**</p>

**Notes:**

<ol style="list-style-type: none"> <li>1 See LTU Literature, below.</li> <li>2 Any 2 courses from ASTR, BIOL, CHEM, GEOL, or PHYS. One must be a lab course.</li> <li>3 Business Related statistics class will satisfy Choice 3.</li> <li>4 LTU requires 8 credits of MACRAO compliant literature. CORE covers 3 of these credits; the remainder may be taken at LCC from the MACRAO Transfer Agreement.</li> </ol>
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