



**ARTICULATION GUIDE**

**Lansing Community College- Architecture Technology, Residential Design  
 LTU – Bachelor of Science in Engineering Technology  
 Based on LCC 2008-09 Catalog and LTU 2007-09 Catalog**

**Lansing Community College Courses:**

**Transfer to LTU as:**

<b>Degree Requirements ( 59 credits)</b>	
ARCH 110 Visual Communications 1.....3	Technical Specialty .....3
ARCH 111 Architectural Design Fundamentals.....3	Technical Specialty .....3
ARCH 112 Residential Planning.....3	Technical Specialty .....3
ARCH 114 Architectural Drawing/ Basic CAD.....4	Technical Specialty.....3
ARCH 116 Materials of Construction.....4	Technical Specialty.....4
ARCH 214 Structural Theory.....4	Technical Specialty .....4
ARCH 216 Residential Drawing.....4	Technical Specialty .....4
ARCH 210 Residential Detailing.....4	Technical Specialty .....4
LAND 232 Professional Residential Landscape Design.....3	Technical Elective.....3
PHYS 221 Introductory Physics 1.....4	PHY 1063 + 1100 Tech Physics 1 + Lab.....3
MATH 121 College Algebra & Trigonometry 1.....3	MCS 1113 Tech Math 1.....3
WRIT 127 Business Writing.....3	COM 2103 Technical & Professional Communication.....3
ARCH 232 AutoCAD Architecture.....4	Technical Elective.....3
ARCH 233 Architectural Revit Building.....3	General Elective.....3
ARCH 278 Building Science.....4	General Elective.....3
ARCH 141 History of Architecture.....3	General Elective.....3
ARCH 146 Preservation/ Adaptive Use Architecture.....3	
This guide may not include all of the courses required for an LCC Associates Degree. Refer to the AAS Architecture Technology Curriculum Guide (0238) for complete degree requirements.	
<b>Additional Coursework (51 credits)</b>	
STAT 215 Intro to Prob. & Stats.....4	MCS 2023 Statistical Methods .....3
MATH 122 College Algebra & Trigonometry 2.....4	MCS 1123 Tech Math 2.....3
MATH 141 Calculus with Applications.....4	MCS 2313 Tech Calculus.....3
METM 190 Metallurgy & Heat Treatment.....4	CHEM 3144 Fundamentals of Chemistry.....4
WRIT 121 Composition 1.....3	COM 1103 English Composition.....3
PHYS 222 Introductory Physics 2.....4	PHY 1083 + 1101 Tech Physics 2 + Lab.....4
Select Two Humanities Courses** .....6	LLT 1213 + 1223 World Masterpieces 1 + 2 .....6
Select Two Social Science Courses** .....6	SSC 2413 + 2423 Foundations + Development/ Amer. Exp...6
ECON 201 or 202 Principles of Economics- Micro/Macro.....4	SSC 2303 Basic Economics .....3
MGMT 223 Developing Supervisory Skills .....3	MGT 2203 Management & Supervision .....3
CIVL 241 Statics/Strength of Materials.....5	TEE 3103 DC/AC Circuits .....3
REAL 277 Property Management .....4	TIE 2063 Manufacturing Processes .....3
**Please refer to MACRAO guidelines or transfer guide sheet to find transferable courses for Humanities and Social Science courses.	
***Students are recommended to take the PHYS 221 and 222 sequence to better prepare themselves for the BSET program.	
To meet all requirements for the AAS degree, complete one course from the LCC Communication Core requirements. See an LCC counselor for required courses and transfer information	



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**Transfer to LTU as:**

	<p><b><u>Completion of the BSET Degree at LTU</u></b></p> <p><b>Technology Core ..... (20 credits)</b>          HRM 4013 Employee Management Relations .....3          OPM 3113 Operations Management.....3          TIE 2163 Engineering Economics .....3          TIE 4115 Senior Project.....5          TME 4103 Engineering Materials 2 .....3          TME 2053 or TME 3113.....3</p> <p><b>Remaining Arts &amp; Sciences Courses ..... (10 credits)</b>          MCS 1023 Tech Computer Applications .....3          MCS 2323 Applied Diff. Equations.....3          LLT/SSC/PSY Jr./Sr. Elective .....3          LDR 2001 Leadership Models &amp; Practices.....1</p> <p><b>General Elective (3 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:..... 93</b>  <b>Minimum Credits at LTU: ..... 33</b>  <b>**Minimum Credits to Graduate:126**</b></p>