



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

Lansing Community College Courses:

Transfer to LTU as:

Degree Requirements (47 credits)	
ELTE 100 Electrical Safety Practices.....1	Technical Specialty..... 1
ELTE 110 Practical Electricity.....3	Technical Specialty.....3
ELTE 111 Introduction to Industrial Automation.....4	Technical Specialty.....4
ELTE 112 Basic Wiring Installation.....2	Technical Specialty.....2
ELTE 121 Electrical Mathematics.....5	TEE 3103 DC/AC Circuits.....3
ELTE 123 Motors and Transformers.....5	Technical Specialty.....5
ELTE 131 Introduction to Machine Control.....4	Technical Specialty.....4
ELTE 141 National Electrical Code 1.....4	Technical Specialty.....4
ELTE 145 Electrical Prints For Buildings.....4	Technical Specialty.....4
ELTE 150 Electric Motor Maintenance.....2	Technical Elective.....2
ELTE 260 Introduction to Programmable Controllers.....4	Technical Elective.....4
Select One of Two Subchoices in Construction Specialization or Machine Control and Maintenance Specialization.....9	General Elective.....7
<p>This guide may not include all of the courses required for an LCC Associates Degree. Refer to the AAS Electrical Technology Curriculum Guide (0134) for complete degree requirements.</p>	
Additional Coursework (57 credits)	
MATH 121 College Algebra.....4	MCS 1113 Tech Math 1.....3
MATH 122 College Algebra 2 & Trigonometry.....3	MCS 1123 Tech Math 2.....3
MATH 141 Calculus w/ Applications***.....3	MCS 2313 Tech Calculus.....3
CHEM 125 Basic Chemistry.....4	CHM 3144 Fundamentals of Chemistry.....4
PHYS 221 Introductory Physics 1(if PHYS 200 not taken)....4	PHY 1063 + 1100 Tech Physics 1 + Lab.....3
PHYS 222 Introductory Physics 2.....4	PHY 1083 + 1101 Tech Physics 2 + Lab.....4
WRIT 121 Composition 1.....4	COM 1103 English Composition.....3
WRIT 124 Technical Writing.....3	COM 2103 Tech. & Prof. Com.....3
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
ELTE 121 Electrical Mathematics.....5	TEE 3103 DC/AC Circuits.....3
METM 100 Manufacturing Processes.....4	TIE 2063 Manufacturing Processes.....3
<p>**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 MATH 121 and 122 sequence, in order to easily transition into the MATH 141 course.</p>	
NOTE: See an LCC counselor for transfer information	



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	<p><u>Completion of the BSET Degree at LTU</u></p> <p>Technology Core (20 credits) HRM 4013 Employee Management Relations3 OPM 3113 Operations Management.....3 TIE 2163 Engineering Economics3 TIE 4115 Senior Project5 TME 4103 Engineering Materials 23 TME 2053 or TME 31133</p> <p>Remaining Arts & Sciences Courses (12 credits) MCS 1023 Tech Computer Applications3 MCS 2023 Statistical Methods3 MCS 2323 Applied Diff. Equations3 LLT/SSC/PSY Jr./Sr. Elective3</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:..... 93</p> <p>Minimum Credits at LTU: 32</p> <p align="center">**Minimum Credits to Graduate:125**</p>