



**ARTICULATION GUIDE**  
**Monroe County Community College- Electronics & Computer Technology**  
**LTU – Bachelor of Science in Engineering Technology**  
 Based on MCCC 2008-09 Catalog and LTU 2005-07 Catalog

**Monroe County Community College Courses: Transfer to LTU as:**

<b>Degree Requirements (19 credits)</b>	
<b>Required General Education Courses</b>	
ENGL 151 English Composition.....3	COM 1103 English Composition.....3
MATH Requirement (MATH 157 & 159).....6	MCS 1113 + 1123 Tech Math 1 and 2.....6
POLSC 151 (Introduction to Political Science).....3	SSC 2413 Foundations of the American Experience.....3
Social Science/ Humanities Elective (Literature is preferred)3	LLT 1213 World Masterpieces 1.....3
Select One of the Following: PHY 101, 151, CHEM 150, 151 (PHY 151 is preferred).....4	PHY 1063 + 1100 Tech Physics 1 + Lab.....3
<b>Required Core Courses (41 credits)</b>	
ELEC 125 Fundamentals of Electricity.....3	TEE 3103 DC/AC Circuits.....3
MDTC 160 Mechanical Drafting & CAD 1.....4	Technical Specialty.....4
ELEC 132 Electronics 1.....4	Technical Specialty.....4
ELEC 135 Digital Electronic Logic.....4	Technical Specialty.....4
ELEC 141 Industrial Automation & Process Control.....3	Technical Specialty.....3
ELEC 133 Circuit Analysis.....4	Technical Specialty.....4
ELEC 134 Electronics 2.....4	Technical Specialty.....4
ELEC 137 Microprocessors.....4	MCS 1023 Tech Computer Applications.....3
ELEC 130 Intro to Programmable Logic Controllers.....2	Technical Electives.....2
ELEC 136 Instrumentation.....3	Technical Electives.....3
ELEC 138 Machinery/ Power Control.....4	Technical Specialty.....4
ELEC 144 PC Based Data Acquisition & Control.....2	Technical Electives.....2
<b>NOTE: See an MCCC counselor for transfer information</b>	



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**Monroe County Community College Courses: Transfer to LTU as:**

<p><b><u>Other Transferable Credits:</u></b>          Note: A maximum of 103 credits may be transferred from Monroe C.C. (NOTE: 92 of the credit hours apply towards graduation from LTU's BSET program).</p> <p>PHY 152 .....4          CHEM 151.....4          MATH 171 .....4          MATH 162 .....3          ENGL 155.....3          Select One Literature Course.....3          Select One Social Science Course.....3          BMGT 201.....3          MECH 102.....4          METC 220.....4          ECON 251.....3          General Elective.....3</p>	<p>PHY 1083 + 1101 College Physics 2 + Lab.....4          CHM 3144 Fundamentals of Chemistry .....4          MCS 2313 Technical Calculus.....3          MCS 2023 Statistical Methods.....3          COM 2103 Tech. &amp; Prof. Communication.....3          LLT 1223 World Masterpieces 2.....3          SSC 2423 Development of the American Experience.....3          MGT 2203 Management &amp; Supervision.....3          TIE 2063 Manufacturing Processes.....3          General Elective.....3          SSC 2303 Basic Economics.....3          General Elective.....3</p> <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 (6 credits)</b>          LLT/SSC/ PSY Jr./Sr. Elective .....3          MCS 2323 Applied Diff. Equations.....3</p> <p><b>General Electives (6 Credits)</b>          COM 1001 University Seminar Excused</p>
	<p><b>Maximum Transferable MCC Credits ..... 102</b>  <b>Credits Transferred to LTU:.....92</b>  <b>Minimum Credits at LTU: ..... 33</b>          **Minimum Credits to Graduate:125**</p>