



ARTICULATION GUIDE

**Lansing Community College- Automotive 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	(52 credits)
AUTO 100 Automotive Service 1	3
AUTO 110 Automotive Electrical Theory.....	5
AUTO 120 Automotive Drive Train.....	3
AUTO 121 Automatic Transmissions 1	5
AUTO 122 Automatic Transmissions 2	3
AUTO 130 Automotive Engines 1	5
AUTO 140 Automotive Brakes	3
AUTO 150 Automotive Steering & Suspension	3
AUTO 160 Automotive Heating & Air Conditioning	3
AUTO 210 Advanced Auto Electrical/ Electronics	3
AUTO 215 Engine Performance & Tune-Up	5
AUTO 225 Automotive Computers	5
AUTO 235 Advanced Computer/ ABS Brake Systems.....	3
WRIT 124 Technical Writing.....	3
This guide may not include all of the courses required for an LCC Associates Degree. Refer to the AAS Automotive Technology Curriculum Guide (0238) for complete degree requirements.	
Additional Coursework	(58 credits)
MATH 121 College Algebra.....	4
MATH 122 College Algebra 2 & Trigonometry	3
MATH 141 Calculus w/ Applications*	3
STAT 215 Intro to Prob. & Stats.....	4
CHEM 125 Basic Chemistry.....	4
PHYS 221 Introductory Physics 1(if PHYS 200 not taken)***.4	4
PHYS 222 Introductory Physics II***	4
WRIT 121 Composition 1	4
Select Two Humanities Courses**	6
Select Two Social Science Courses**	6
ECON 201 or 202 Principles of Economics- Micro/Macro	4
MGMT 223 Developing Supervisory Skills	3
ELTE 121 Electrical Circuit Mathematics	5
METM 100 Manufacturing Processes	4
*- Students are recommended to take the MATH 121 and 122 sequence, in order to easily transition into the MATH 141 course.	
**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	
Technical Specialty	3
Technical Specialty	5
Technical Specialty	3
Technical Specialty	5
Technical Specialty	3
Technical Specialty	5
Technical Specialty	3
Technical Elective	3
General Elective	3
General Elective	5
COM 2103 Tech. & Prof. Com	3
MCS 1113 Tech Math 1	3
MCS 1123 Tech Math 2	3
MCS 2313 Tech Calculus	3
MCS 2023 Statistical Methods	3
CHEM 3144 Fundamentals of Chemistry.....	4
PHY 1063 + 1100 Tech Physics 1 + Lab	3
PHY 1083 + 1101 Tech Physics 2 + Lab	4
COM 1103 English Composition	3
LLT 1213 + 1223 World Masterpieces 1 + 2	6
SSC 2413 + 2423 Foundations + Development/ Amer. Exp...6	6
SSC 2303 Basic Economics	3
MGT 2203 Management & Supervision	3
TEE 3103 DC/AC Circuits	3
TIE 2063 Manufacturing Processes	3



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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 3113.....3</p> <p>Remaining Arts & Sciences Courses (9 credits) MCS 1023 Tech Computer Applications3 MCS 2323 Applied Diff. Equations.....3 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:..... 95 Minimum Credits at LTU: 30 **Minimum Credits to Graduate:125**</p>