



ARTICULATED TRANSFER GUIDE
Henry Ford Community College- Associate of Applied Arts in Automotive Service
LTU – Bachelor of Science in Engineering Technology
 Based on HFCC 2007- 08 Catalog and LTU 2005- 07 Catalog

Henry Ford Community College Courses: **Transfer to LTU as:**

Required Core Courses – Automotive Service (ASSET)	
(47 credits)	(43 credits)
AUTO 100 Internal Combustion Engines3	Technology Specialty 3
AUTO 108 Basic Electrical3	Technology Specialty 3
AUTO 110 Automotive Electricity3	Technology Specialty 3
AUTO 120 Fuel Management Systems.....2	Technology Specialty2
AUTO 131 Automotive Ignition Systems2	Technology Specialty2
AUTO 132 Computerized Ignition Systems.....2	Technology Specialty2
AUTO 140 Automotive Transmissions3	Technology Specialty 3
AUTO 142 Electronically Controlled: Transmissions2	Technology Specialty... ..2
AUTO 145 Manual Transmissions & Transaxles.....4	Technology Specialty 4
AUTO 150 Diagnosing & Engine Evaluation2	Technology Specialty2
AUTO 160 Automotive Chassis Units.....2	Technology Specialty2
AUTO 162 ABS Breaks3	Technical Elective3
AUTO 165 Electronic Steering & Suspension4	Technical Elective 3
AUT 170 Related Technical Automotive.....4	General Elective..... 4
AUTO 224 Automotive Air Conditioning2	General Elective.....2
AUTO 231 Diesel Engine Performance/ Diagnosis4	General Elective.....3
AUTO 237 Computerized Engine/ Vehicle Emissions.....2	
Required Support Courses	(18 credits)
CIS 100 Introduction to Information Technology3	MCS 1023 Technical Computer Applications 3
AUTO 191 Industrial Co-Op2	
AUTO 192 Industrial Co-Op2	
AUTO 291 Industrial Co-Op2	
AUTO 292 Industrial Co-Op.....2	
MGT 231 Supervision.....3	MGT 2203 Management & Supervision 3
MATH 100 Technical Mathematics.....4	
Other Requirements	(30 credits)
ENG 131 Composition.....3	COM 1103 English Composition 3
ENG 132 or 1353	COM 2103 Tech. & Prof. Communication 3
Select one course from American Society Requirement3	LLT 1213 World Masterpieces 1 3
MATH 115 College Algebra.....5	MCS 1113 Tech Math 1 3
MATH 175 Pre-Calculus.....5	MCS 1123 Tech Math 2 3
PHYS 120 or 131 Tech. Physics or Liberal Arts Physics.....4	PHY 1063 + 1100 Technical Physics 1 + Lab3
PHYS 121 or 132 Tech. Physics or Liberal Arts Physics.....4	PHY 1083 + 1101 Technical Physics 2 + Lab... ..4
One Additional Humanities Course3	LLT 1223 World Masterpieces 2 3
NOTE: See an HFCC counselor for transfer information	



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Completion of the BSET Degree at LTU

Technology Core	(26 credits)
HRM 4013 Employee Management Relations	3
OPM 3113 Operations Management.....	3
TEE 3013 DC/AC Circuits	3
TIE 2063 Manufacturing Processes	3
TIE 2163 Engineering Economics	3
TIE 4115 Senior Project	5
TME 4103 Engineering Materials 2..	3
TME 2053 or TME 3113.....	3

Remaining Arts & Sciences Courses	(25 credits)
SSC 2413 Foundations of the American Experience	3
SSC 2423 Development of the American Experience.....	3
SSC 2303 Basic Economics.....	3
LLT/SSC/ PSY Jr./Sr. Elective	3
MCS 2313 Technical Calculus	3
MCS 2323 Applied Diff. Equations	3
MCS 2023 Statistical Methods	3
CHM 3144 Fundamentals of Chemistry	4

COM 1001 University Seminar Excused

Credits Taken at HFCC.....	95
Credits Transferred to LTU:.....	74
Minimum Credits at LTU:	51

Minimum Credits to Graduate:125