



ARTICULATED TRANSFER GUIDE

Henry Ford Community College- Associate of Applied Arts in Automotive Technology

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 Technology (27 credits)		(27 credits)
AUTO 100 Internal Combustion Engines.....3	Technology Specialty	3
AUTO 110 Automotive Electricity.....3	Technology Specialty	3
AUTO 120 Fuel Management Systems.....2	Technology Specialty	2
AUT 130 Automotive Ignition Systems.....2	Technology Specialty	2
AUTO 140 Automotive Transmissions.....3	Technology Specialty	3
AUTO 150 Diagnosing & Engine Evaluation.....2	Technology Specialty	2
AUTO 160 Automotive Chassis Units.....2	Technology Specialty	2
AUT 170 Related Technical Automotive.....4	Technology Specialty	4
AUTO 210 Automotive Engine Dynamometer.....2	Technology Specialty	2
AUTO 220 Automotive Air Conditioning.....2	Technology Specialty	2
AUTO 230 Automotive Diesel Principles.....2	Technology Specialty	2
Required Support Courses- Automotive Related (20 credits)		(15 credits)
Complete 20 credit hours from the following courses: AUTO 142, AUTO 145, AUTO 162, AUTO 165, AUTO 167, AUT 180, AUTO 187, AUTO 190, AUTO 217, AUTO 227, AUTO 231, AUTO 237, AUTO 247, AUTO 260, AUTO 267, AUTO 287, AUTO 290	Technical Electives.....	6
	General Electives	9
Required Support Courses (22 credits)		(17 credits)
CHEM 131 Principles of Chemistry.....4	CHM 3144 Fundamentals of Chemistry.....	4
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 Technical or Lib. Arts Physics..	PHY 1063 + 1100 Technical Physics 1 + Lab	3
PHYS 121 or 132 Technical or Lib. Arts Physics	PHY 1083 + 1101 Technical Physics 2 + Lab	4
Continued.....4		
General Education Requirements (15 credits)		(15 credits)
BCA 140 Software Applications.....3	MCS 1023 Technical Computer Applications.....	3
ENG 131 Composition.....3	COM 1103 English Composition.....	3
ENG 132 or 135.....3	COM 2103 Tech. & Prof. Communication.....	3
One American Society Requirement.....3	LLT 1213 World Masterpieces 1.....	3
One Additional Humanities Course.....3	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	(29 credits)
HRM 4013 Employee Management Relations 3	3
MGT 2203 Management & Supervision	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	(21 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

General Elective **(1 credit)**

COM 1001 University Seminar Excused

Credits Taken at HFCC	84
Credits Transferred to LTU:	74
Minimum Credits at LTU:	51

Minimum Credits to Graduate:125