

## ARTICULATION AGREEMENT

HENRY FORD COMMUNITY COLLEGE  
ASSOCIATE IN ARTS  
*Automotive Technology*

LAWRENCE TECHNOLOGICAL UNIVERSITY  
BACHELOR OF SCIENCE  
*Business Management*

### HENRY FORD COMMUNITY COLLEGE

#### REQUIRED CORE CLASSES

#### SEMESTER HOURS

AUTO 100 Internal Combustion Engines	3
AUTO 110 Automotive Electricity & Electronics	3
AUTO 120 Fuel Management Systems	2
AUTO 130 Automotive Ignition Systems	2
AUTO 140 Automotive Transmissions	3
AUTO 150 Diagnosing & Engine Evaluation	2
AUTO 160 Automotive Chassis Units	2
AUTO 210 Automotive Engine Dynamometer	2
AUTO 220 Automotive Air Conditioning	2
AUTO 230 Automotive Diesel Principles	2

#### REQUIRED SUPPORT COURSES:

11- 15 credit hours from the following list of courses:

AUTO 142 Electronically Controlled Transmissions/ Transaxles	2
AUTO 167 Brake Clinic	2
AUTO 170 Related Technical Automotive	4
AUTO 180 Technical Automotive Welding	4
AUTO 187 Automotive Technical Engine Tune-Up	2
AUTO 217 Automotive Alignment	2
AUTO 227 Air Conditioning	2
AUTO 237 Computerized Emissions Controls Clinic	2
AUTO 267 Small Engines	1
AUTO 287 Advanced Automotive Tune-Up	1
MET 100 Manufacturing Processes 1	4

#### REQUIRED SUPPORT COURSES

CHEM 131 Principles of Chemistry	4
ENG 131 – Composition	3
ENG 132 – Composition OR	3
*ENG 135 – Business & Technical Writing	3
MATH 100 Basic Tech Math and	
MATH 103 Technical Mathematics	
OR	8
MATH 103 Technical Mathematics and	
MATH 112 Trigonometry	8
OR	
MATH 100 Intermediate Algebra and	
MATH 175 Precalculus (or higher math course)	8
PHYS 120 and 121 OR	8
PHYS 130 and 131	8
POLS 131 – Introduction to American Government and Political Science <b>or</b>	<b>3</b>
SSC 131 – Survey of the Social Sciences	
**Health <u>or</u> Physical Education	2

**\*Preferred Course to Transfer**

**\*\*Course Does Not Transfer**

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## LAWRENCE TECHNOLOGICAL UNIVERSITY

### ARTS & SCIENCE CORE

### SEMESTER HOURS

MCS 1224	MATH ANALYSIS 2	4
MCS2113	STATISTICS 1	3
LLT 1213	WORLD MASTERPIECES 1	3
LLT 1223	WORLD MASTERPIECES 2	3
SSC 2423	DEVELOPMENT OF AMERICAN EXP	3
SSC 2313	MACROECONOMICS	3
SSC 2323	MICROECONOMICS	3
COM 3103	ADV COMM	3
LLT/SSC/PSY	JR/SR ELECT	3

### BSA CORE

AAC2013	ACCT PRIN	3
AAC2023	ACCT PRIN 2	3
FIN3103	FINANCE MGT	3
HRM3013	ORG BEHAVIOR	3
INT3023	INFO. TECH.	3
MGT2203	MANGEMENT & SUPERVISION	3
MGT 2113	INTRO TO LAW	3
MGT4213	STRAT MGNT	3
MKT3013	PRIN MKT	3
TOM3113	OPER MGNT	3

### GENERAL ELECTIVES (if necessary)

GENXXX3	5
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#### NOTE:

<i>Total Credits</i>	<i>123</i>
<i>Transferred Credits</i>	<i>60</i>
<i>Remaining Credits</i>	<i>63</i>