

## ARTICULATION AGREEMENT

HENRY FORD COMMUNITY COLLEGE  
ASSOCIATE IN ARTS  
*Computer Information Systems*

LAWRENCE TECHNOLOGICAL UNIVERSITY  
BACHELOR OF SCIENCE  
*Business Management*

### HENRY FORD COMMUNITY COLLEGE

<u>REQUIRED CORE CLASSES</u>	<u>SEMESTER HOURS</u>
CIS 100 Introduction to Info. Technology	3
CIS 125 Principles of Programming with Logic	4
CIS 111 Microcomputer Database Programming	3
CIS 112 Introduction to Networking	3
CIS 129 Intro. To UNIX w/ Shell Scripting	4
CIS 170 C Programming OR	
CIS 160 COBOL Programming	3
CIS 230 C++ Programming OR	
CIS 130 Visual Basic	3
CIS 220 Systems Analysis & Design	3

NOTE: CIS 100 meets the Computer Literacy graduation requirement. To graduate, a student must meet the computer literacy requirement.

### REQUIRED ADVANCED TECHNOLOGIES & LANGUAGES

(Select 12-13 hours from any one or more of the following areas:)

#### Networking:

CIS 105 Desktop Operating Systems	4
CIS 107 PC Hardware/ Software Installation	2
CIS 113 Wireless LANS	2
CIS 114 Intro to Novell Netware Administration	3
CIS 116 Advanced LAN using Novell	3
CIS 124 Intro to Windows Server Administration	3
CIS 157 A+ Hardware	4
CIS 158 A+ Operating Systems	4
CIS 212 Networking II	3
CIS 229 UNIX System Administration	4
CIS 295 Network Design & Implementation	3

#### Web Programming & Development:

CIS 121 Introduction to the Internet	2
CIS 122 Web/ Internet Technologies	3
CIS 123 Web Pages	2
CIS 126 Advanced HTML	4
CIS 227 Web Authorizing Design Tools	4
CIS 224 Web Multimedia	4
CIS 222 Advanced Web/ Internet Technologies	4

#### Database & Programming Languages:

CIS 130 Visual Basic	3
CIS 132 Active Server Pages Programming	3
CIS 160 COBOL Programming	3
CIS 162 PERL Programming	4
CIS 170 C Programming	3
CIS 171 Java Programming	3
CIS 172 Java Script Programming	3
CIS 215 Advanced Visual Basic	3
CIS 230 C++ Programming	3

CIS 270 Database Systems- Oracle	3
<b><u>Job Experience Training:</u></b>	
ICO 191- Industrial Co-op	2

**REQUIRED SUPPORT COURSES**

ENG 131 Composition and ENG 132 Composition II <b><u>OR</u></b>	
ENG 131 and ENG 135 Business & Technical Writing	6
POLS 131- Introduction to American Gov. & Pol. Sci. OR	
SSC 131- Survey of the Social Sciences	3
* HPE Health and/or Physical Education	2

**GENERAL ELECTIVES:**

-MATH153 Essentials of Calculus	5
-BEC 151 Principles of Macroeconomics	3
-BEC 152 Principles of Microeconomics	3

**\*Preferred Course to Transfer**

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

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#### ARTS & SCIENCE CORE

#### SEMESTER HOURS

NATURAL SCIENCE ELECTIVE CREDIT	7
MCS2113 STATISTICS 1	3
COM 3103 ADV COMM	3
LLT/SSC/PSY JR/SR ELECT	3

#### BSA CORE

ACC 2013 PRINCIPLES OF ACCOUNTING 1	3
ACC 2023 PRINCIPLES OF ACCOUNTING 2	3
FIN 3103 FINANCIAL MANAGEMENT	3
HRM3013 ORG BEHAVIOR	3
INT3023 INFO. TECH.	3
MGT2203 MANAGEMENT & SUPERVISION	3
MGT 2113 INTRO TO LAW	3
MGT4213 STRAT MGNT	3
MKT 3013 PRINCIPLES OF MARKETING	3
TOM3113 OPER MGNT	3

#### GENERAL ELECTIVES (if necessary)

GENXXX3	11
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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>