

Transfer Credit Guide

This guide is subject to change and should be used in consultation with an academic advisor.

Henry Ford Community College Associate in Applied Science Computer Information Systems, 2007-2008 Catalog	Central Michigan University Bachelor of Science degree with a Major in Information Technology
General Education (12 c.h.)	
ENG 131: Composition	ENG 101: Freshman Composition*
ENG 132: English Composition II ² OR	ENG 201: Advanced Composition*
ENG 135: Business and Technical Writing	BIS CR (Elective)
ENG 235: American Literature Before 1900 OR	ENG 251: American Literature: Colonial Through the Romantic Period
ENG 236: American Autobiographies OR	ENG CR
CJR 131: Introduction to Law Enforcement and Criminal Justice OR	SOC CR
HIST 151: American History I	HST 111: American History I
HIST 152: American History II	HST 112: American History II
POLS 131: Introduction to American Government and Political Science OR	PSC 105: Introduction to American Government and Politics
SOC 131: Introduction to Sociology	SOC 100: Introductory Sociology
SCC 131: Survey of Social Studies	SSC CR
Required Core Courses (30 c.h.)	
CIS 100: Introduction to Information Technology	CPS 100: Computers and Society
CIS 111: SQL for Database Development	CPS CR (Elective)
CIS 112: Introduction to Networking	CPS CR (Elective)
CIS 125: Principles of Programming Logic	CPS 150: FORTRAN Programming
CIS 160: COBOL Programming OR	BIS 228 (Elective)
CIS 170: "C" Programming	CPS CR (Elective)
CIS 220: Systems Analysis and Design	BIS CR (Elective)
CIS 129: Introduction to UNIX with Shell Scripting	CPS CR (Elective)
CIS 230: C++ Programming OR	CPS CR (Major)
CIS 130: Visual Basic: Net Programming	CPS CR (Major)
MATH 100 level or higher (not 121, 127, 221, or 225) (MATH 100, 101, [102 / discontinued], and 293 are non-transferable) MATH 140 ² , MATH 180 ² or 275 ²	Please refer to http://webs.cmich.edu/ctrans/find.htm to check the transferability of courses.
Elective Courses (12 c.h.)	
Networking Electives	
CIS 105: Desktop Operating System Concepts	CPS CR (Elective)
CIS 107: PC Hardware/Software Installation	CPS CR (Elective)
CIS 113: Wireless LANs	CPS CR (Elective)
CIS 114: Introduction to Novell NetWare Administration	CPS CR (Elective)
CIS 116: Advanced Novell NetWare Administration	CPS CR (Elective)
CIS 124: Introduction to Windows Server Administration	CPS CR (Elective)
CIS 157: A+: Hardware	CPS CR (Elective)
CIS 158: A+: Operating Systems	CPS CR (Elective)
CIS 212: Networking II	CPS CR (Elective)
CIS 229: UNIX System Administration	CPS CR (Elective)
CIS 295: Network Design and Implement	CPS CR (Elective)

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Web Programming & Development Electives	
CIS 121: Introduction to the Internet	CPS/BIS CR (Elective)
CIS 122: Web/Internet Technologies	CPS CR (Elective)
CIS 123: Web Pages	CPS/BIS CR (Elective)
CIS 126: Advanced HTML	CPS CR (Elective)
CIS 222: Advanced Web/Internet Technology	CPS CR (Elective)
CIS 224: Web Multimedia	CPS CR (Elective)
CIS 227: Web Authoring Design Tools	CPS CR (Elective)
Database and Programming Languages Electives	
CIS 130: Visual Basic: Net. Programming	CPS CR (Major)
CIS 132: Active Server Pagers: Net. Programming	CPS CR (Elective)
CIS 160: COBOL Programming	BIS 228 (Elective)
CIS 162: PERL Programming	CPS CR (Elective)
CIS 170: "C" Programming	CPS CR (Elective)
CIS 171: Java Programming	CPS CR (Elective)
CIS 172: JavaScript Programming	CPS CR (Elective)
CIS 215: Advanced Visual BASIC: Net Database Programming	CPS CR (Major)
CIS 230: C++ Programming	CPS CR (Major)
CIS 270: Data Base Systems	CPS CR (Major)
CIS 272: Project Management	CPS CR (Elective)
CIS 280: Information Assurance & Security (CIS 280: PL/I Programming Language I – former discontinued course)	CPS CR (Elective)
Job Experience Training	
ICO 191: Industrial Co-op	IET 425: Industrial Internship
*Competency courses require a grade of "C" or higher to satisfy the requirement this also includes Oral English. *Denotes preferred course selection.	
Highlighted courses denote specific courses that are applicable to the B.S.I.T. major.	

General notes:

- A grade of "C-" or better is required for a course to transfer
- Typically, a maximum of 64 semester hours of credit is accepted in transfer from a community college
- The University Program requirements and competencies may be fulfilled by students who satisfy the MACRAO Agreement.

The remaining required and elective courses for the bachelor's degree will be selected in consultation with an academic advisor to ensure that CMU degree requirements are being met. The bachelor's degree requires a minimum of 124 semester hours of credit. A minimum of 60 credits must be from a four-year institution. A minimum of 30 semester hours of credit must be earned from CMU.

For more information on [Central Michigan University's Off-Campus Programs](http://www.cmuoffcampus.com), please call (877) 268-4636 or visit us on the Web at www.cmuoffcampus.com.

We make it possible. CMU in Metro Detroit.

Metro Detroit locations: Auburn Hills, Clinton Township, Dearborn, Flint, Livonia, Port Huron, Southfield, Troy, Warren



OFF-CAMPUS PROGRAMS