

ARTICULATION AGREEMENT

between

Henry Ford Community College

Associate in Applied Science in Information Assurance

and

Eastern Michigan University

College of Technology

School of Technology Studies

Bachelor of Science in Information Assurance

September 2008

ARTICULATION AGREEMENT BETWEEN
Henry Ford Community College
Associate in Applied Science in Information Assurance
and
Eastern Michigan University
Bachelor of Science in Information Assurance

The representatives of Henry Ford Community College and Eastern Michigan University agree to the terms of this agreement, which will be effective from September 1, 2008 until August 31, 2011.

Signatures

Henry Ford Community College

Eastern Michigan University



Gail Mee, President

5-20-08

Date



Donald M. Loppnow
Provost and Executive Vice President

5/13/08

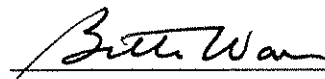
Date



William Barber, Vice President
Academic Affairs, Career and
Technical Education

5-19-08

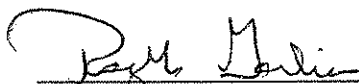
Date



Bette Warren
Interim Associate Vice President
Academic Programs

5/13/08

Date



Reginald Gerlica, Vice President
Academic Affairs, Arts and Sciences

5/20/08

Date



Morell Boone
Dean of the College of Technology

5/15/08

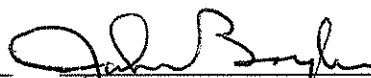
Date



Greg Osowski, Coordinator
Information Assurance Program

5/15/08

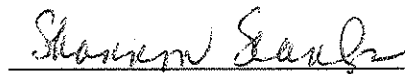
Date



John Boyless, Director
School of Technology Studies

5/15/08

Date



Shannon Scanlon, Coordinator
Information Assurance Program

5/15/08

Date



Gerald Lawver, Coordinator
Information Assurance Program

5-15-08

Date

cc: Gwen Pringle, Counselor
Lynne Hensel, Assistant to the President

cc: Christina Shell, Registrar
Patricia Williams, Director, Academic Advising Center
Douglas Potter, Associate Director of Transfer Admissions
Charlotte Stigler, Admissions Office
Byron Bond, Dean of Continuing Education
Cheryl Aubuchon, Director, Livonia Center

EASTERN MICHIGAN UNIVERSITY ARTICULATION GUIDE

September 2008

Henry Ford Community College – Associate in Applied Science in Information Assurance

Eastern Michigan University – Bachelor of Science in Information Assurance

Henry Ford Community College

Eastern Michigan University

MACRAO Requirements	(32-33 credits)	(32-33 credits)	
1. English Writing Requirement (6 credits)		(6 credits)	
ENG 131 English Composition	3	ENGL 120 Composition I (University Elective).....	3
ENG 132 English Composition, Continued	3	ENGL 121 Composition II	3
2. Math/Science Requirement (8-9 credits)		(8-9 credits)	
*1 Complete one course: (complete at HFCC).....	4-5	One course:.....	4-5
MATH 141 Intro to Statistics (4)		MATH 170 Elem Statistics (3)+1	
MATH 180 Calculus I (5)		MATH 120 Calculus I (4)+1	
Complete one course:.....	4	One course:.....	4
Choose from lab courses with the following course prefixes: ASTR, BIO, CHEM, GEOL, PHYS, PSCI		Courses may transfer as equivalent courses, General education credit, or general transfer credit	
3. Social Science Requirement (9 credits)		Courses must be from two subject areas (9 credits)	
CRJ 131 Intro to Law Enforcement & Criminal Just.....	3	CRM 300 Criminal Justice (University Elective).....	3
CRJ 132 Police Administration: Staff & Line Oper	3	HSEM 453 Mgmt Process f/Pub Saf Mgr (Univ Elec).....	3
Complete one course: See note below	3	One course:.....	3
Choose from courses approved by HFCC to satisfy the MACRAO social science requirement.		Courses may transfer as equivalent courses, Gen Ed transfer credit, or general transfer credit.	
4. Humanities Requirement (9 credits)		Courses must be from two subject areas (9 credits)	
* SPC 145 Interpersonal Communication	3	CTAC 227 Interpersonal Communication	3
Complete two courses: see note below	6	Two courses:.....	6
Choose from courses approved by HFCC to satisfy the MACRAO humanities requirement.		Courses may transfer as equivalent courses, General Education transfer credit, or general transfer credit.	
² NOTE: In completing the Humanities or the Social Science requirements above, choose at least one course from the following to satisfy EMU's Global Awareness/US Diversity requirement: ANTH 131, 152; ART 224; ENG 243, 248; GEOG 132; HIST 113, 225, 255, 257; POLS 153; SOC 152, 251; WR 131			
HFCC Information Assurance Core	(30 credits)	(30 credits)	
* CIS 100 Intro to Information Technology	3	IS 215 End-User Computing (sub for COSC 105)	3
* CIS 112 Intro to Networking	3	NITA 210 Concepts of Network & Business Tech	3
CIS 114 Intro to Novell NetWare Administration	3	NITA 000 General Transfer Credit	3
CIS 220 System Analysis and Design	3	IS 000 General Transfer Credit	3
* CIS 280 Information Assurance and Security.....	4	IA 103 Information Security Overview	4
³ CIS 272 Project Management.....	4	POM 000 (sub for IS 425) or University Elective	4
* CNT 260 Network Security: Security and Prep.....	4	IA 202 Risk and Vulnerability (3)+1	4
CRJ 134 Criminal Investigation	3	CRM 320 Criminal Investigation (University Elective).....	3
CRJ 234 Criminalistics: Crim Investigation Lab Tech.....	3	HSEM 000 General Transfer Credit	3
HFCC Required Support Courses	(18 credits)	(18 credits)	
* CIS 171 Java Programming	3	COSC 111 Intro to Programming.....	3
* CIS 295 Network Design & Implementation	3	NITA 212 Open Source Platform & Network Admin	3
⁴ CIS 229 UNIX System Administration	4	NITA 412 Admin of Computer Syst or Univ Elective (3)+1	4
⁵ IA Electives: Complete 8 credits from the following:.....	8	University Electives	8
CIS 116, 124, 129, 130, 157, 158, 170, 212, 215, 229, 230, CNT 110, 120, 210, 220, CRJ 135, 136, SOC 131, world language courses		Courses may transfer as equivalent courses, General Education transfer credit, or general transfer credit.	
EMU requirements that may be taken at HFCC or EMU	(4-8 credits)	(4-8 credits)	
* BBA 231 Business Office Communication	3	MGMT 202 Business Communication	3
Open Electives	1-5	University Electives	1-5
Credits at HFCC:.....	85-88	Maximum Credits that transfer to EMU.....	85-88

* Required for EMU's Information Assurance program (all concentrations).

¹ MATH 141 or 180 should be completed at HFCC to satisfy EMU's quantitative reasoning requirement. If completed at EMU, MATH 110 will also be required, unless waived by ACT/SAT or math placement score. MATH 180 is required for EMU's Encryption Concentration only, for other concentrations take MATH 141.

² Satisfies EMU's Perspectives on a Diverse World requirement.

³ Required for the EMU Management Concentration.

⁴ Required for the EMU Applied Information Assurance Concentration only. For other concentrations you may substitute from the IA Electives listed.

⁵ Students should consult an adviser before course selection.

Community College Relations

pat.cygnar@emich.edu

Copies of this guide are available on-line at: <http://www.emich.edu/ccr/artguide.htm>

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ARTICULATION GUIDE**

September 2008

**Henry Ford Community College – Associate in Applied Science in Information Assurance
Eastern Michigan University – Bachelor of Science in Information Assurance**

**Completion of the Information Assurance
Program at EMU**

Major Requirements (36-39 credits)

Foundation Courses: (6 credits)

COSC 211	Programming Data Structures	3
STS 300W	Research & Writing: Tech Perspective	3

Concentration Requirements: (30-33 credits)

Complete one of the concentrations below.

Applied Information Assurance: (33 credits)

COSC 374	Applied Cryptography	3
IA 325	Cyber Crime Investigation I	3
IA 327	Computer Forensics I	3
IA 329	Policy Development in Info Security	3
IA 415	Intro to Research in Information Assurance	3
¹ IA 416	Applied Research Projects	3
IS 413	Information Tech Infrastructure & Security	3
LEGL 413	The Law and the Internet.....	3
NITA 344	Administration of Computer Systems	3
NITA 422	End-user Systems: Planning & Design.....	3
	Complete one course:	3
	BMMT 496 Records Admin Using Databases (3)	
	IS 380 Introduction to Databases (3)	

OR

Information Assurance Management: (30 credits)

IA 329	Policy Development in Info Sec.....	3
IS 350	Enterprise Resource Planning.....	3
IS 413	Information Tech Infrastructure & Security	3
LEGL 413	Cyber Space Law.....	3
MGMT 386	Organizational Behavior and Theory	3
MGMT 403	Managerial Communication: Theory & Appl.....	3
MGMT 480	Management Responsibility and Ethics	3
NITA 422	End User Systems: Planning and Design	3
¹ NITA 487	Co-operative Education.....	3
	University Elective (See adviser to select course).....	3

¹Meets EMU's Learning beyond the Classroom requirement

OR

Information Assurance Encryption: (30 credits)

MATH 121	Calculus II	4
MATH 205	Math Structures for Computer Science.....	4
MATH 319	Mathematical Modeling	4
MATH 409	Cryptography	3
COSC 314	Computational Discrete Structures	3
LEGL 413	Cyber Space Law.....	3
IS 413	Information Tech Infrastructure & Security	3
IA 415	Introduction to Research in IA	3
¹ IA 416	Applied Research Projects	3

Credits at EMU:36-39

Minimum Credits to Graduate:.....124

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Additional Information:

1. In completing the coordinated program of study, as indicated on the preceding guides, substitutions should be made with the guidance of the EMU and HFCC Program Advisors to assure that program and graduation requirements will be satisfied at each institution. Each institution will be responsible for determining if their requirements are satisfied.
2. Students whose transcripts are endorsed as “MACRAO Satisfied” by the community college will be required to meet EMU’s three general education requirements, indicated on this guide with a “1”, and listed below. These requirements may be completed at the most appropriate time for the student whether before or after admission to EMU.
 - a) an approved course in Quantitative Reasoning: [MATH 141 or MATH 180 at HFCC] or [MATH 110 at EMU]
 - c) a course in Perspectives on a Diverse World: [ANTH 131, 152; ART 224; ENG 243, 248; GEOG 132; HIST113, 225, 255, 257; POLS 153; SOC 152, 251; WR 131 at HFCC]
 - d) a Learning Beyond the Classroom (LBC) course or experience offered by EMU: [NITA 487 or IA 414 or other approved LBC course/experience at EMU]

To use MACRAO, students should request a MACRAO evaluation of their transcript in the HFCC Registrar’s Office. Students who do not satisfy MACRAO will have to complete EMU’s general education requirements as listed in the EMU undergraduate catalog.

3. Only courses with a grade of “C” or better (2.0 on a 4.0 scale) will be accepted for transfer to EMU.
4. Under this agreement, EMU will waive the 60-hour rule and require that a minimum of 30 credit hours must be completed in EMU courses, 15 hours of which must be in program requirements at the 300-level or above. Of the last 30 hours completed before graduation, a minimum of 10 hours must be in courses offered by EMU. A minimum of 124 credit hours, completed in-residence or accepted in transfer, is required for graduation.
5. Students must meet all admission requirements at the time of admission to EMU, including submitting transcripts from all previously attended colleges.
6. Students are encouraged to meet with the EMU Information Assurance adviser early, before completing an admission application to EMU. A copy of the articulation guide should be included with the application to EMU and brought to all advising sessions. Copies of this agreement are available at www.emich.edu/ccr/artguide_new.htm.

Effective Dates: September 1, 2008 until August 31, 2011.

If this agreement is not renewed at the end of the effective period, students will have an additional three years to be admitted to EMU under the terms of the agreement. Students who began the program prior to the effective date may use this agreement to the extent that courses completed are consistent with the agreement.

Contacts:

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Eastern Michigan University

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Community College Relations
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