

AN ARTICULATION AGREEMENT
BETWEEN
ROBERT MORRIS UNIVERSITY
AND
COMMUNITY COLLEGE OF BEAVER COUNTY

OBJECTIVE OF THE AGREEMENT

Based on the commonality of purpose and a mutual goal of assuring a quality education, Community College of Beaver County and Robert Morris University enter into the following articulation agreement. The primary objective of this agreement is to maximize credit transferability while retaining all Robert Morris academic requirements and providing a rigorous program of study. This agreement will afford students the opportunity to realize their educational goals and enhance their future employability through a curriculum that is both challenging and rewarding.

TERMS AND CONDITIONS OF THE AGREEMENT

This agreement applies to Community College of Beaver County (CCBC) graduates with an earned Associate in Science Degree in Web Programming who plan to enter Robert Morris University (RMU) in a major under the Bachelor of Science degree program majoring in Cyber Forensics and Information Security.

Up to 57 credits will be granted to students who have successfully completed an Associate Degree provided that:

- Students have completed the curriculum as outlined in the CCBC 2017-2018 College catalog
- Students have fulfilled grade requirements of the major into which they are transferring.

Courses completed at other academic institutions do not affect the nature or scope of this agreement. Said courses will be evaluated according to the Academic Policies of RMU regarding transfer credits.

RMU will provide an official evaluation of all previously completed coursework and placement of those credits at the time of application.

RMU reserves the right to change program requirements and/or transfer equivalents.

Notice of changes in program requirements by any party of this agreement must be given in writing in a timely manner.

Termination of this agreement may be made by any party, and must be in writing.

Students who sign a letter of intent are indicating their interest in attending RMU and will be entitled to:

- a waiver of the RMU application fee
- advanced registration along with RMU students
- participation in department functions and activities while enrolled at CCBC

However, this letter of intent does not obligate students to attend RMU. Students who sign a letter of intent must matriculate within three years.

CCBC will properly advertise and will provide information regarding RMU, its academic programs, requirements, and services extended to the transfer graduate under the terms of this agreement.

CCBC will communicate with the RMU Academic Services Office regarding issues and questions posed by participating students.

CCBC will provide the RMU Admissions Office with the names and addresses of CCBC students who have indicated an interest in attending RMU and would benefit from major department activity information.

The undersigned duly authorized officials agree to abide by the above terms and conditions.

APPROVED BY:

COMMUNITY COLLEGE OF BEAVER COUNTY ROBERT MORRIS UNIVERSITY

Christopher M. Reber, Ph.D. Date
President

Christopher B. Howard, D.Phil. Date
President

ROBERT MORRIS UNIVERSITY

**ACADEMIC REQUIREMENTS FOR
Bachelor of Science**

School: Communication and Information Systems

Major: CYBER FORENSICS AND INFORMATION SECURITY

Department: Computer and Information Systems

Minimum Credits Required - 123

1. ROBERT MORRIS UNIVERSITY CORE--39 Credits

COSK1220 Reading and Writing Strategies	3WRIT101	HUMA1010 Humanities: Art and Music	3
COSK1221 Argument and Research	3	*INFS1020 Intro to Decision Support Systems	3CIST100
COSK2220 Public Speaking and Persuasion	3	PSYC1010 General Psychology	3PSYC101
COSK2230 Professional Communications	3	SOCI1010 Principles of Sociology or	3
ECON1010 Survey of Economics	3	SOCI1020 Contemporary American Social Problems	
ELIT Literature Elective	3LITR210	MATH2040 Finite Mathematics w/ Applied Calculus	3
HIST History Elective** or	3	Natural Science Elective	3TRAN
POLS Political Science Elective**			

(Choose from: HIST1100, HIST1200, HIST1500, HIST1600, HIST1700
HIST1800 or POLS1020)**

2. MAJOR--30 Credits

*INFS2120 JAVA Programming	3CISW201	*INFS3231 Network Technology & Mgt (N+)	3
*INFS3121 Advanced JAVA	3CISW202	*INFS3235 Computer and Network Security	3
*INFS3210 Operating Systems Concepts or	3	*INFS3450 Quantitative Analysis Inf Syst Prof.	3
*INFS3211 Microcomputing Technology (A+) or		*INFS4170 Global, Econ, Soc, Ethic Issues in CIS	3
*INFS3212 Enterprise Systems		*INFS4240 Database Management Systems	3CISW214
*INFS3220 Systems Analysis and Design	3	*INFS4810 Project Management	3
		INFS4860 Program Outcomes Assessment	0

3. CYBER FORENSICS/INFORMATION SECURITY CONCENTRATION--21 Credits

*INFS3120 Introduction to Computer Forensics	3	*INFS3223 Information Technology Governance, Control and Assurance	3
*INFS3170 Cyberlaw	3		
*INFS3190 Digital Evidence Analysis	3	*INFS4180 Network Forensics, Intrusion Detection and Response	3
*INFS3191 Mobile Forensics	3		
*INFS3222 Information Technology Security, Control and Assurance	3		

5. AREA OF INTEREST--15 Credits

Students must seek advisor's approval for course selection in this area of the program.

*INFS2120 Visual Basic Programming I	3CIST160	*INFS3236 Linux System Administration	3CISN203
*INFS2160 Visual C# Programming	3CISW205	* Web Site Dev. Using Dreamweaver	3CIST170
*INFS4150 Web App. Dev. Using ASP.Net	3CISW206		

6. OPEN ELECTIVES-- 18 Credits Minimum

Web Scripting Languages	3CISW101	INFS2150 Intro to Web Dev & E-Comm Tech	3CISW210
ARTM2020 Digital Imaging	3VISC115	INFS3115 Mobile App Development	3CISW217
Client Operating Systems	3CISN200		
INFS2470 Decision Support Systems	3CIST106		

IMPORTANT NOTES:

Up to 57 credits will apply to this degree program at CCBC.

A cumulative Q.P.A. of 2.00 or higher is required for graduation.

A minimum grade of C must be earned in each course identified with an asterisk.

All students must take 12 credits of Communication Skills as part of the RMU Core Curriculum. Depending upon placement testing scores, students will take COSK1220 or COSK2221 in addition to COSK1221, COSK2220, and COSK2230. If placed in COSK1220, a student's Core requirements are Communication Skills COSK1220, COSK1221, COSK2220, and COSK2230. If placed in COSK1221 (advanced placement; no credit earned for COSK1220), a student's Core requirements are Communication Skills COSK1221, COSK2220, COSK2221, and COSK2230. Upon completion of the COSK courses, students must complete a component of courses (the specific number is determined by the student's "academic" School) to meet one of the requirements for graduation. These courses called "Communication Skills Intensive" are integrated into the degree as part of the "major" areas of the checksheet.

SEMESTER BY SEMESTER BREAKDOWN OF COURSE EQUIVALENTS

CCBC COURSES		RMU EQUIVALENT	
CRSE NO	COURSE TITLE	CRSE NO	COURSE TITLE
First Semester			
CIST100	Intro to Information Technology	INFS1020	Intro Decision Support Systems
CIST160	Visual Basic I	INFS2120	Visual Basic Programming I (Area of Interest)
CISW101	Web Scripting Languages		Open Electives
VISC115	Digital Imaging	ARTM2020	Digital Imaging (Open Electives)
WRIT101	English Composition I	COSK1220	Reading and Writing Strategies
Second Semester			
CISN200	Client operating Systems		Open Elective
CIST106	Software Productivity Tools	INFS2470	Decision Support Systems (Open Elective)
CISW205	Programming with C#	INFS2160	Visual C# Programming (Area of Interest)
CISW206	Web Data Connectivity using ASP/PHP	INFS4150	Web App. Dev. Using ASP.Net (Area of In.)
LITR210	Concepts of Literature		Literature Elective
Third Semester			
CISN203	Linux Operating Systems or CISN205 Server Operating Systems	INFS3236	Linux System Administration (Area of Interest) or INFS3233 Admin MS System 7
CIST170	Web Site Dev. using Dreamweaver		Area of Interest
CISW201	Java I	INFS2151	Java Programming (Major)
CISW214	Database: SQL and Report Structures Any BIOL, CHEM, PHYS	INFS4240	Database Management Systems (Major) Natural Science Elective
Fourth Semester			
CISW202	JAVA II	INFS3152	Advanced JAVA (Major)
CISW210	E-Commerce Applications	INFS2150	Intro to Web Dev & E-Comm Tech (Open EI)
CISW217	Mobile App Development	INFS3115	Mobile App Development (Open Elective)
CIST160	Internship or (VISC122 Web Design)		Not Applicable
PSYC101	General Psychology (TAOC Category 5)	PSYC1010	General Psychology

Students are encouraged to take some additional courses from the following selection as needed to maximize credit transfer:

- COMM201 Public Speaking or WRIT102 English Composition II
- SOCI101 Introduction to Sociology
- Any HIST or POLS
- Any FINE or MUSI
- BUSM255 Macroeconomics
- MATH160 Calculus I

Maximum of 69 credits can transfer