

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 Applied Science Degree in Networking 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 academic 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	3	WRIT101	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	3	LITR210	MATH2040 Finite Mathematics with 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 Visual Basic Programming or	3		*INFS3231 Network Technology & Mgt (N+)	3CISN110
*INFS2130, *INFS2140, *INFS2184, *INFS2151			*INFS3235 Computer and Network Security	3CISF210
*INFS3121 Visual Basic Programming or	3		*INFS3450 Quantitative Analysis inf Syst Prof	3
*INFS3130, *INFS3141, *INFS3185, *INFS3152			*INFS4170 Global, Econ, Soc, Ethic Issues in CIS	3
*INFS3211 Microcomputing Technology (A+)	3	CISN110	*INFS4240 Database Management Systems	3
*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.

*INFS3230 Networks/Data/Computer Com	3	CISN100	*INFS3233 Administering MS System 7	3CISN205
*INFS3236 Linux System Administration	3	CISN203	*RSEL____ Cybersecurity	3CISF220
*RSEL____ CISCO III- LAN Switching/Wireless	3	CISN215		

6. OPEN ELECTIVES-- 18 Credits Minimum

____ Client Operating Systems	3	CISN200	____ Extra credits from CISCO courses	3TRAN
____ Internship or CISN208	3	TRAN	____ Extra credits from CISCO courses	3TRAN
____ CISCO IV – Accessing the WAN	3	CISN220		
____ Virtualization	3	CISN223		

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			
CISN100	CISCO I – Networking Fundamentals	INFS3230	Networks/Data/Computer Comm (Area of In.)
CIST100	Introduction to Information Technology	INFS1020	Intro to Decision Support Systems
WRIT101	English Composition I	COSK1220	Reading and Writing Strategies
CISN105	Microcomputers and Cloud Services	INFS3211	Microcomputing Technology (A+) (Major)
OFFT101	Keyboarding		Not Applicable
Second Semester			
CISN110	CISCO II – Routing Protocols & Concept	INFS3231	Network Technology & Mgt. (N+) (Major)
CISN200	Client Operating Systems		Open Elective
CISN203	Linux Operating Systems	INFS3236	Linux System Administration (Area of Inter.)
LITR210	Concepts of Literature		Literature Elective
Third Semester			
CISN215	CISCO III – LAN Switching & Wireless		Area of Interest
CISN205	Server Operating Systems	INFS3233	Administering MS System 7 (Area of Inter.)
CISF210	Cybersecurity I Any BIOL, CHEM, PHYS	INFS3235	Computer & Network Security (Major)
			Natural Science Elective
Fourth Semester			
CISF220	Cybersecurity II		Area of Interest
CIST260	Internship or CISN208 Help Desk Concepts		Open Elective
CISN220	CISCO IV – Accessing the WAN		Open Elective
CISN223	Virtualization		Open Elective
PSYC101	General Psychology (TAOC Category 5)	PSYC1010	General Psychology

**We will apply remaining credits from the CISCO courses towards 3 open electives.

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 may transfer.