

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 Computer Information Systems.

Up to 54 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

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Christopher B. Howard, D.Phil.                      Date  
President

School: Communications and Information Systems

Major: COMPUTER INFORMATION SYSTEMS

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 or	3CIST100
COSK2220 Public Speaking and Persuasion	3	PSYC1010 General Psychology	3PSYC101
COSK2230 Professional Communications	3	SOC11010 Principles of Sociology or	3
ECON1010 Survey of Economics	3	SOC11020 Contemporary American Social Problems	
ELIT Literature Elective	3LITR210	STAT2110 Statistics	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. PROGRAM REQUIREMENTS--9 Credits

*INFS3450 Quantitative Analy for Info Syst Profess or	3	*MATH2040 Finite Math and Applied Calculus	3
*STAT3120 Statistics II			
*INFS4170 Global, Economic, Social, and Ethical	3		
Issues in Computing			

## 3. MAJOR—30 Credits

*INFS2120 Visual Basic Programming or	3	*INFS3220 Systems Analysis and Design	3
*INFS2130, *INFS2140, *INFS2151, *INFS2184		*INFS3221 Advanced Systems Analysis and Design	3
*INFS2150 Introduction to Web Development	3	*INFS3231 Network Technology & Mgt. (N+)	3CISN110
and e-Commerce Technology		*INFS3235 Computer and Network Security	3CISF210
*INFS3121 Visual Basic Programming II or	3	*INFS4240 Database Management Systems	3
*INFS3130, *INFS3141, *INFS3152, *INFS3185		*INFS4810 Project Management	3
*INFS3211 Microcomputing Technology (A+)	3CISN105	INFS4860 Program Outcomes Assessment	0

## 4. GENERAL CONCENTRATION--12 Credits

"INFS" 3000-4000 level electives chosen in consultation with student's advisor

*INFS3230 Network/Data/Comp. Com	3CISN100	*INFS3236 Linux System Administration	3CISN203
* Client Operating Systems	3CISN200	*INFS3233 Linux Operating Systems	3CISN205

## 5. BUSINESS AREA OF INTEREST—15 Credits

*ACCT1010 Introduction to Financial Accounting	3		
*MGMT3100 Management Theory and Practice	3		
<b>Choose 3 (three) of the following:</b>			
*ACCT2060 Managerial Accounting	3	*FINA3000 Principles of Finance	3
*BLAW1050 Legal Environment of Business	3	*MARK3100 Principles of Marketing	3

## 6. OPEN ELECTIVES—18 Credits Minimum

CISCO III	3CISN215	CISCO IV	3CISN220
Cybersecurity II	3CISF220	Virtualization	3CISN223
Internship or CISN208	3TRAN	Remaining crs.. from CISCO courses	3TRAN

## IMPORTANT NOTES:

Up to 54 credits will apply to this degree program from 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.

Major Code - CIS

Checksheet Code - 1G

Academic Year - 2017-2018

**SEMESTER BY SEMESTER BREAKDOWN OF COURSE EQUIVALENTS**

<b>CCBC COURSES</b>		<b>RMU EQUIVALENT</b>	
<b>CRSE NO</b>	<b>COURSE TITLE</b>	<b>CRSE NO</b>	<b>COURSE TITLE</b>
<b>First Semester</b>			
CISN100	CISCO I – Networking Fundamentals	INFS3230	Networks/Data/Computer Comm (Gen. Con.)
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)
<b>Second Semester</b>			
CISN110	CISCO II – Routing Protocols & Concept	INFS3231	Network Technology & Mgt (N+) (Major)
CISN200	Client Operating Systems		General Concentration
CISN203	Linux Operating Systems	INFS3236	Linux System Administration (General Con.)
LITR210	Concepts of Literature	ELIT	Literature Elective
<b>Third Semester</b>			
CISN215	CISCO III – LAN Switching & Wireless		Open Elective
CISN205	Server Operating Systems	INFS3233	Administering MS System 7 (General Con.)
CISF210	Cybersecurity I Any BIOL, CHEM, PHYS	INFS3235	Computer & Network Security (Major)
			Natural Science Elective
<b>Fourth Semester</b>			
CISF220	Cybersecurity II		Open Elective
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 CISCO courses to fulfill any open elective requirement.

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
- MATH126 Statistics
- MATH160 Calculus I
- ACCT110 Financial Accounting
- ACCT111 Managerial Accounting
- BUSM112 Principles of Management
- BUSM205 Business Law
- BUSM245 Principles of Marketing

Maximum of 69 credits may transfer.