

**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 Cybersecurity who plan to enter Robert Morris University (RMU) in a major under the Bachelor of Science degree program majoring in Data Analytics.

Up to 48 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 2014-2015 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.
President

Date

David L. Jamison, J.D.
Interim President

Date

ROBERT MORRIS UNIVERSITY

School: Communications and Information Systems
Department: Computer and Information Systems

ACADEMIC REQUIREMENTS FOR**Bachelor of Science****Major: DATA ANALYTICS****Minimum Credits Required - 120****1. ROBERT MORRIS UNIVERSITY CORE--39 Credits**

COSK1220	Reading and Writing Strategies	3WRIT101
COSK1221	Argument and Research	3_____
COSK2220	Public Speaking and Persuasion	3_____
COSK2230	Professional Communications	3_____
ECON1010	Survey of Economics	3_____
ELIT_____	Literature Elective	3LITR210
HIST_____	History Elective** or	3_____
POLS_____	Political Science Elective**	

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

HUMA1010	Humanities: Art and Music	3_____
*INFS1020	Intro to Decision Support Systems	3CIST100
PSYC1010	General Psychology	3_____
SOCI1010	Principles of Sociology or	3_____
	SOCI1020 Contemporary American Social Problems	
STAT2110	Statistics	3_____
	Natural Science Elective	3_____

2. PROGRAM REQUIREMENTS--6 Credits

*INFS4170	Global, Economic, Social, and Ethical Issues in Computing	3_____	*MATH2040 Finite Math & Applied Calculus	3MATH160
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3. MAJOR--24 Credits

*INFS2150	Introduction to Web Development and e-Commerce Technology	3_____	*INFS3231	Network Technology & Mgt. (N+)	3CISN110
*INFS3211	Microcomputing Technology (A+)	3CISN105	*INFS3235	Computer and Network Security	3CISF210
*INFS3220	Systems Analysis and Design	3_____	*INFS3510	Data Analytics	3_____
			*INFS4240	Database Management Systems	3_____
			*INFS4810	Project Management	3_____
			INFS4860	Program Outcomes Assessment	0

4. DATA ANALYTICS CONCENTRATION--12 Credits

Students must choose four (12 credits) of the following courses in order to satisfy requirements of this section

*INFS3170	Cyberlaw	3_____	*INFS3840	Systems Threat Definitions and Vulnerability Analysis	3_____
*INFS3221	Advanced Systems Analysis/Design	3_____	*INFS4220	Data Mining	3_____
*INFS3610	System Indicators and Warnings	3_____	*INFS4260	Data Warehousing	3_____
*INFS3710	Knowledge Management	3_____	*INFS4830	Strategic Information Systems Planning	3_____
*INFS3820	Systems Risk Mitigation	3_____			

5. BUSINESS AREA OF INTEREST—15 Credits

*ACCT2030	Introduction to Financial Accounting	3_____	*FINA3000	Principles of Finance	3_____
*ACCT2060	Managerial Accounting	3_____			
Choose 2 (two) of the following:					
*BLAW1050	Legal Environment of Business	3CRIM168	*MGMT3100	Principles of Management	3_____
*MARK3100	Principles of Marketing	3_____			

6. OPEN ELECTIVES--24 Credits Minimum

INFS3230	Data Com/Networks	3CISN100	Writing for Business & Technology	3WRIT103
CRMJ1010	Introduction to Criminal Justice	3CRIM100	COMM2550 Interpersonal Comm.	3BUSC110
	Client Operating Systems	3CISN200	Server Operating Systems	3CRIM205
INFS3236	Linux System Administration	3CISN203	INFS3120 Intro to Computer Forensics	3CISF120

IMPORTANT NOTES:

Up to 48 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.

Major Code - DTAN

Checksheet Code - DN

Academic Year – 2015-2016

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	
CISN100	Introduction to Networking	INFS3230	Data Com/Networks (Open Elective)	
WRIT101	English Composition	COSK1220	Reading and Writing Strategies	
CISN105	Microcomputers and Cloud Services	INFS3211	Microcomputing Technology A+ (Major)	
CRIM100	Introduction of Criminal Justice System	CRMJ1010	Introduction to Criminal Justice (Open Elective)	
Second Semester				
CISN110	Basic Network Routing	INFS3231	Network Technology & Mgt. (N+) (Major)	
CISN200	Client Operating Systems		Open Elective	
CISN203	Linux Operating Systems	INFS3236	Linux System Administration (Open Elective)	
MATH160	Calculus I	MATH2040	Finite Mathematics & Applied Calculus	
LITR210	Concepts of Literature	ELIT _____	Literature Elective	
WRIT103	Writing for Business & Technology		Open Elective	
Third Semester				
BUSC110	Interpersonal Communication	COMM2550	Interpersonal Communications (Open Elective)	
CISF210	Cybersecurity I	INFS3235	Computer & Network Security (Major)	
CRIM205	Server Operating Systems		Open Elective	
CRIM212	Interview & Interrogation		Not Applicable	
CRIM230	Criminology Theory		Not Applicable	
Fourth Semester				
CISF120	Computer Forensics/Investigation	INFS3120	Intro to Computer Forensics (Open Elective)	
CISF220	Cybersecurity II		Not Applicable	
CIST260	Internship or CIS/Telecomm Elective or CISN223 Virtualization		Not Applicable	
CRIM168	Cybersecurity: Law & Ethics	INFS3170	In Lieu of BLAW1050 (Area of Interest)	

Students are encouraged to take up to 9 credits of business courses at CCBC from the following selection:

- ACCT110 Financial Accounting
- ACCT111 Managerial Accounting
- BUSM112 Principles of Management
- BUSM245 Principles of Marketing

Students are encouraged to take up to 3 credits from the following:

- BUSM255 Macroeconomics
- BUSM256 Microeconomics

Maximum of 69 credits may transfer.