

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 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 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

David L. Jamison, J.D. Date
Interim President

ROBERT MORRIS UNIVERSITY

ACADEMIC REQUIREMENTS FOR

Bachelor of Science

School: Communications and Information Systems

Major: DATA ANALYTICS

Department: Computer and Information Systems

Minimum Credits Required - 120

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	3
COSK2220	Public Speaking and Persuasion	3		PSYC1010	General Psychology	3
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	STAT2110	Statistics	3
HIST_____	History Elective** or	3		_____	Natural Science Elective	3
POLS_____	Political Science Elective**					

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

2. PROGRAM REQUIREMENTS--6 Credits

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

*INFS2150	Introduction to Web Development and e-Commerce Technology	3		*INFS3231	Network Technology & Mgt. (N+)	3
*INFS3211	Microcomputing Technology (A+)	3	CISN105	*INFS3235	Computer and Network Security	3
*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	3		*MGMT3100	Principles of Management	3
*MARK3100	Principles of Marketing	3				

6. OPEN ELECTIVES--24 Credits Minimum

INFS3230	Networks/Data/Computer Comm	3	CISN100	INFS3233	Administering MS System 7	3
	Client Operating Systems	3	CISN200	_____	Cybersecurity II	3
INFS3236	Linux System Administration	3	CISN203	_____	CISCO IV-Accessing the WAN	3
_____	CISCO III-LAN Sw. & Wireless	3	CISN215	_____	Virtualization	3

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 checklist.

Major Code - DTAN
Checksheet Code - DN

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 (Open Elec.)
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 (Open Elective)
LITR210	Concepts of Literature	ELIT	Literature Elective
Third Semester			
CISN215	CISCO III – LAN Switching & Wireless		Open Elective
CISN205	Server Operating Systems	INFS3233	Administering MS System 7 (Open Elective)
CISF210	Cybersecurity I	INFS3235	Computer and Network Security (Major)
MATH126	Statistics	STAT2110	Statistics
Fourth Semester			
CISF220	Cybersecurity II		Open Elective
CIST260	Internship or CISN208 Help Desk Concepts		Not Applicable
CISN220	CISCO IV – Accessing the WAN		Open Elective
CISN223	Virtualization		Open Elective
PSYC101	General Psychology or SOC1101 Principles of Sociology (Social Science Elective)	PSYC1010	General Psychology or SOC1101 Principles of Sociology

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
- BUSM205 Business Law
- BUSM245 Principles of Marketing

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

- BUSM255 Macroeconomics
- BUSM256 Microeconomics

Students are also encouraged to take up to 6 credits from the following selection:

- SOCI101
- Any HIST or POLS course
- Any FINE or MUSI course

Maximum of 69 credit may transfer.