

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

Up to 60 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: 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	TRAN
COSK1221	Argument and Research	3		*INFS1020	Intro to Decision Support Systems	3	CIST100
COSK2220	Public Speaking and Persuasion	3	COMM201	PSYC1010	General Psychology	3	PSYC101
COSK2230	Professional Communications	3		SOCI1010	Principles of Sociology	3	SOCI101
ECON1010	Survey of Economics	3	BUSM255	STAT2110	Statistics	3	MATH126
ELIT	Literature Elective	3	LITR210		Natural Science Elective	3	TRAN
HIST	History Elective** or	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 Math & Applied Calculus	3	MATH160
-----------	---	---	--	-----------	--------------------------------	---	---------

3. MAJOR--24 Credits

*INFS2150	Introduction to Web Development and e-Commerce Technology	3		*INFS3231	Network Technology & Management (N+)	3	
*INFS3210	Operating Systems Concepts or *INFS3211 Microcomputing Technology (A+) or *INFS3212 Enterprise Systems	3		*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	Intro to Financial Accounting	3	ACCT110	*FINA3000	Principles of Finance	3	
*ACCT2060	Managerial Accounting	3	ACCT111				
Choose 2 (two) of the following:							
*BLAW1050	Legal Environment of Business	3	BUSM205	*MGMT3100	Principles of Management	3	BUSM112
*MARK3100	Principles of Marketing	3	BUSM245				

6. OPEN ELECTIVES--24 Credits Minimum

ECON1030	Prin of Microeconomics	3	BUSM256				3
MATH1020	Pre-Calculus	3	MATH155				3
	Category 4 elective	3	TRAN				3
	Combined 1 crs. from various courses	3	TRAN				3

IMPORTANT NOTES:

Up to 60 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

Academic Year – 2017-2018

SEMESTER BY SEMESTER BREAKDOWN OF COURSE EQUIVALENTS

CCBC COURSES		RMU EQUIVALENT	
CRSE NO	COURSE TITLE	CRSE NO	COURSE TITLE
First Semester			
ACCT110	Financial Accounting	ACCT2030	Financial Accounting (Area of Interest)
BUSM112	Principles of Management	MGMT3100	Management Theory & Practice (Area of In.)
BUSM255	Macroeconomics	ECON1010	Survey of Economics
CIST100	Introductions to Information Technology	INFS1020	Intro to Decision Support Systems
WRIT101	English Composition	COSK1220	Reading/Writing Strategies
Second Semester			
ACCT111	Managerial Accounting	ACCT2060	Managerial Accounting (Area of Interest)
BUSM256	Microeconomics	ECON1030	Prin of Microeconomics (Open Elective)
LITR210	Concepts of Literature	ELIT_____	Literature Elective
MATH126	Statistics *	STAT2110	Statistics
PSYC101	General Psychology	PSYC1010	General Psychology
Third Semester			
SOCI101	Principles of Sociology	SOCI1010	Principles of Sociology
MATH155	Pre-Calculus *	MATH1020	Pre-Calculus (Open Elective)
BUSM205	Business Law	BLAW1050	Legal Environment of Business (Area of In.)
	Any Category 4 Elective		Natural Science Elective
Fourth Semester			
BUSM245	Principles of Marketing	MARK3100	Principles of Marketing (Area of Interest)
COMM201	Public Speaking	COSK2220	Public Speaking/Persuasion
MATH160	Calculus I *	MATH2040	Finite Math & Applied Calculus
	Category 6 elective (Any FINE or MUSI course only)	HUMA1010	Humanities: Art and Music
	Category 4 elective		Open Elective

*We will combine the remaining one credit from MATH135, MATH155 & MATH160 to fulfill another open elective requirement.

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

- Any HIST or POLS course
- WRIT102 English Composition II (fulfill COSK1221 Argument and Research and then COSK1220 moves to Open Elec.)
- CIST160 Visual Basic
- CISN105 Microcomputers and Cloud Services
- CISN100 CISCO I – Network Fundamentals
- CISN110 CISCO II – Routing Protocols and Concepts

Maximum of 69 credits can transfer