

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 Web Programming who plan to enter Robert Morris University (RMU) in a major under the Bachelor of Science degree program majoring in Information Sciences.

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

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Christopher B. Howard, D.Phil.      Date  
President

**ROBERT MORRIS UNIVERSITY**

**ACADEMIC REQUIREMENTS FOR  
Degree: Bachelor of Science  
Major: INFORMATION SCIENCES**

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

**General Concentration  
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	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	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	3	*MATH2040 Finite Math & Applied Calculus	3
*INFS4170 Global, Economic, Social, and Ethical Issues in Computing	3		

3. MAJOR--30 Credits

*INFS2120 Visual Basic Programming or *INFS2130, *INFS2140, *INFS2184, *INFS2151	3CIST160	*INFS3231 Network Technology & Management (N+)	3
*INFS2150 Intro Web Dev/e-Commer Technol	3CISW210	*INFS3235 Computer and Network Security	3
*INFS3211 Microcomputing Technology (A+)	3	*INFS4150 Adv Web Page Design/e-Com Tech	3CISW206
*INFS3220 Systems Analysis and Design	3	*INFS4240 Database Management Systems	3CISW214
*INFS3221 Advanced Systems Analysis and Design	3	*INFS4810 Project Management	3
		INFS4860 Program Outcomes Assessment	0

4. GENERAL CONCENTRATION--12 Credits

**“INFS”3000-4000 level electives chosen in consultation with student’s advisor**

*INFS2160 Visual C# Programming	3CISW205	*INFS2151 JAVA Programming	3CISW201
*INFS3236 Linux System Administration	3CISN203	*INFS3152 Advanced JAVA	3CISW202

5. AREA OF INTEREST—15 Credits

Courses in this section must be chosen from Accounting, Finance, Legal Environment, Management, Marketing or other Business Disciplines and/or Organizational Leadership.

* Web Site Dev. Using Dreamweaver	3CIST170	*	3
*	3	*	3
*	3		

6. OPEN ELECTIVES-- 18 Credits Minimum

Web Scripting Languages	3CISW101	INFS3115 Mobile App Development	3CISW217
ARTM2020 Digital Imaging	3VISC115	Client Operating Systems	3CISN200
INFS2470 Decision Support Systems	3CIST106	Web Design (or Internship)	3VISC122

**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 checksheet.

Checksheet Coe - TG

Major Code – INFS

<b>SEMESTER BY SEMESTER BREAKDOWN OF COURSE EQUIVALENTS</b>			
<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>			
CIST100	Intro to Information Technology	INFS1020	Intro Decision Support Systems
CIST160	Visual Basic I	INFS2120	Visual Basic Programming I ( <b>Major</b> )
CISW101	Web Scripting Languages		Open Elective
VISC115	Digital Imaging	ARTM2020	Digital Imaging ( <b>Open Elective</b> )
WRIT101	English Composition I	COSK1220	Reading and Writing Strategies
<b>Second Semester</b>			
CISN200	Client Operating Systems		Open Elective
CIST106	Software Productivity Tools	INFS2470	Decision Support Systems ( <b>Open Elective</b> )
CISW205	Programming with C#	INFS2160	Visual C# Programming ( <b>General Con.</b> )
CISW206	Web Data Connectivity using ASP/PHP	INFS4150	Web Applic with ASP.Net ( <b>Major</b> )
LITR210	Concepts of Literature		Literature Elective
<b>Third Semester</b>			
CISN203	Linux Operating Systems or CISN205 Server Operating Systems	INFS3236	Linux System Administration ( <b>General Con.</b> ) or INFS3233 Admin MS System 7
CIST170	Web Site Dev. using Dreamweaver		Area of Interest Elective
CISW201	Java I	INFS2151	Java Programming ( <b>General Con.</b> )
CISW214	Database: SQL and Report Structures Any BIOL, CHEM, PHYS	INFS4240	Database Management Systems ( <b>Major</b> ) Natural Science Elective
<b>Fourth Semester</b>			
CISW202	JAVA II	INFS3152	Advanced JAVA ( <b>General Con.</b> )
CISW210	E-Commerce Applications	INFS2150	Intro to Web Design ( <b>Major</b> )
CISW217	Mobile App Development	INFS3115	Mobile App Development ( <b>Open Elective</b> )
CIST160	Internship or (VISC122 Web Design)		Open Elective
PSYC101	General Psychology ( <b>TAOC Category 5</b> )	PSYC1010	General Psychology

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

Maximum of 69 credits may transfer.