



ARTICULATION AGREEMENT

Frederick Community College
Information Systems Management

Frostburg State University
Bachelor of Science with a Major in Computer Information Systems

Entered into this _____ day of _____, 2018.
(date) (month)

Ronald Nowaczyk
President
Frostburg State University

Elizabeth Throop
Provost
Frostburg State University

Dorothy Campbell
Interim Dean, College of Liberal Arts and Sciences
Frostburg State University

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Dr. Tony D. Hawkins,
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Frederick Community College

Deirdre Weilminster,
Registrar
Frederick Community College

Andy Yao
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Frederick Community College

This agreement becomes effective Spring 2019
This agreement will be reviewed biennially.

ARTICULATION AGREEMENT

Frederick Community College, Associate of Science in Information Systems Management and Frostburg State University, Bachelors of Science in Computer Information Systems.

Frederick Community College (here after referred to as FCC), a community college in Frederick County, Maryland, and Frostburg State University (FSU) in Frostburg, Maryland agree to offer an articulated program leading to the award of an Associate of Science (A.S.) in Information Systems Management Degree and a Bachelor of Science (B.S.) in Computer Information Systems. They further agree that students from FCC, through this articulation policy, will be allowed to transfer credits earned for the A.S. at FCC to Frostburg State University, leading to the award of the B.S. in Computer Information Systems at Frostburg State University. The following general principles guide the operation of this Agreement:

1. The program is designed for graduates of the A.S. degree in Information Systems Management at FCC. A maximum of 70 credit hours from FCC will be allowed toward fulfillment of the 120 credit hours required for baccalaureate completion.
2. All courses meeting general education requirements at FCC will transfer to Frostburg State University as general education courses as they meet the categories and disciplines defined by Frostburg State University.
3. Students must maintain a 2.0 cumulative grade point average in order to transfer.
4. The maximum number of credits that will be accepted by Frostburg State University toward degree requirements from non-direct classroom instruction (including CLEP, AP, and other nationally recognized standardized examination scores) is 30. Tech Prep credits will not transfer. Credit awarded for experiential learning (“life experience”) is not recognized by, and is not transferable to Frostburg State University.
5. Once the A.S. is completed and the student has been admitted to Frostburg State University, the student may commence the Computer Information Systems major by completing the major declaration process through the department and registering for introductory computer science courses.
6. While FCC and Frostburg State University has not had a dual enrollment program should one be agreed to, this agreement will not preclude students from participation and students may apply for and receive the benefits of dual

enrollment. Those students would then be subject to the policies of said program should they apply.

7. FCC students who have completed the A.S. will be given every consideration for financial assistance and will be eligible to compete for academic scholarships at Frostburg State University.
8. This agreement becomes effective on the date set forth on the first page of this document. FCC and Frostburg State University agree to publicize this program. They further agree to monitor the performance of this agreement and to revise it as necessary. The agreement may be terminated by either party for due cause and after adequate notice to the other. Termination of the agreement will not affect any students currently enrolled at FCC in Information Systems Management at the time of termination, and they shall be able to transfer credits pursuant to this agreement.

PURPOSE OF AGREEMENT

This agreement is entered into to serve the instructional needs of FCC students and graduates. The general purpose of this agreement is to make clear the terms of this articulation agreement.

There are three specific goals under this agreement. First, it is the intent that this articulation agreement will facilitate a smooth transition from FCC's A.S. in Information Systems Management to the B.S. in Computer Information Systems at Frostburg State University as efficiently as possible. FCC graduates will understand how Frostburg State University transfers the credits they earn at FCC, as well as the changes in requirements that may permit more flexible scheduling once the student has been admitted to and enrolled at Frostburg State University. This agreement provides a systematic plan for students to continue their higher education beyond the A.S. degree from FCC.

Second, this agreement is a publication of a clear set of understandings and expectations for both institutions and programs.

Third, FCC encourages graduates to continue their educational pathway towards computer information systems for both personal and professional development, as well as career advancement in the computer information systems profession. This articulation agreement facilitates students' successful achievement of credentials in the field.

The following sections describe the specifics of the agreement.

A.S. in Information Systems Management -B.S. in Computer Information Systems Transfer Agreements

The Information Systems Management degree at FCC is considered a transfer program. Therefore, Information Systems Management students who transfer to Frostburg State University will have their coursework evaluated on a course-by-course basis to determine which of Frostburg State University's general education requirements and discipline requirements have been met. By taking full advantage of the FCC-Frostburg State University course agreements outlined below, the transfer student will matriculate at junior standing. Further, this agreement allows the student who has obtained an A.S. Degree in Information Systems Management from FCC and who has enrolled in the Computer Information Systems degree at Frostburg State University to apply 62 transfer credits to required components of the major.

The following indicates the transfer of course agreement between the A.S. in Information Systems Management at FCC and the B.S. in Computer Information Systems at Frostburg State University.

Fall Year 1 at FCC	Credi t	FSU Equiv.	Spring Year 1 at FCC	Credi t	FSU equiv.
CMIS 106 Object Design & Programming	3	COSC 101	CMIS 201 Computer Science	4	COSC 240
ENGL 101 English Composition	3	ENGL 101	ACCT 101 Principles of Accounting I	3	ACCT 195
MATH 120 Elementary Statistics	3	MATH 109	ECON 201 Principles of Economics I	3	ECON 201
Arts Gen Ed	3		MATH 175 Applied Calculus or MATH 185 Calculus	3	MATH 220 or 236
Social & Behavioral Science Gen Ed	3		Biological and Physical Sciences Gen Ed	3/4	
TOTAL	15		TOTAL	16/17	

Fall Year 2 at FCC	Credi t	FSU equiv.	Spring Year 2 at FCC	Credi t	FSU equiv.
CMIS 208 C++ Programming or CMIS 225A, CMIS 225C,	3	CIS 195	CMIS 203 System Analysis & Design	3	COSC 300
Principles of Accounting II OR Principles of Economics II (ACCT 102)	3	ACCT 195 or ECON 202	Elective- Select CMIS 222 Computer Organizations	3	COSC 365

Elective – Select CMIS 202	3	CIS 241	Elective- MA 170, CMIS 111J, CMIS 111L, CMIS 113, CMIS 140, CMIS 281, CMIS 179, CMIS 280, or any CMIS 200-level course (consult FSU Department of Computer Science and Information Systems Technology)	3	MATH 200 or CIS 195
Communications Gen Ed (CMSP 103)	3	CMST 102	Biological/Physical Science Gene Ed (with lab)	3/4	
Humanities Gen Ed	3		PE/Health Requirement	1	
TOTAL	15		TOTAL	15/16	

Notes: It should be noted that no more than 62 credits will be brought in as transfer credits, and that of those credits, Frostburg State University will not bring in any remedial courses. 4 semesters are needed as a minimum to completed the Computer Information Systems major and Frostburg State University cannot guarantee that a student will finish in 2 years

A.S. in Information Systems Management -B.S. in Computer Information Systems Transfer Agreements

All FCC transfer students with an A.S. in Information Systems Management will be required to take a minimum of 58 credits of coursework at Frostburg State University. Of these credits, 39 must be at the 300/400 level.

In addition to the general education requirements indicated in the preceding section of this articulation agreement, the Bachelor of Science degree with a major in Computer Information Systems at Frostburg State University requires students to successfully complete the following course work:

Frostburg State University			Notes
Course Number	Course Title	Credit Hours	
COSC 102	Foundations of Computer Science	4.0	
COSC 325	Software Engineering	3.0	
COSC 460	Operating Systems Concepts	3.0	
COSC 489	Computer Science Capstone	1.0	
COSC 331	Fundamentals of Computer Networks	3.0	
COSC 380	Computer-Based Information Systems	3.0	
COSC 440	Database Management Systems	3.0	
COSC 480	Knowledge-Based Systems	3.0	

ACCT 211	Financial Accounting	3.0	
MGMT 251	Management of Organizations	3.0	
ENGL 338	Technical Writing	3.0	
	Approved major electives to be selected from list in catalog	6.0	
	Business electives to be selected from list in catalog	9.0	
	Humanities course	3.0	GEP requirement
	Identity and Difference course	3.0	Select from approved list to satisfy GEP requirement
	Electives (any)	5.0	Credits needed to reach 120 for graduation
Total = 58			

Overview and Summary

For students following this agreement, the steps are as follows:

Step 1: Complete the Computer Science degree at FCC.

Questions should be referred to:
 Dr. Jacob Ashby
 Assistant Dean, Assessment and Articulation
JAshby@frederick.edu

Or

Marsha Mason-Sowell
 Transfer Services Counselor
MMason-Sowell@frederick.edu

Step 2: Apply for admission to Frostburg State University, indicating Computer Science as the intended major. Applications for admission can be completed online at <https://www.applyweb.com/frost/index.fl>.

Questions should be referred to:

Dr. George B. Rinard

Chair, Computer Science and Information Technologies

301-687-4719

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