

## **MONTGOMERY COLLEGE AND HOOD COLLEGE INSTITUTIONAL ARTICULATED PATHWAY AGREEMENT**

### **AGREEMENT**

This Articulation Agreement serves as the formal collaboration document for Montgomery College (MC) and Hood College (Hood) to deliver seamless pathways between Associate degree programs and Bachelor degree programs offered at Hood. The approved pathways are included as a separate appendix to this agreement.

### **PROVISIONS OF THE AGREEMENT**

1. The institutions agree to follow the joint program curriculum and course-by-course articulation delineated in these documents.
2. Both educational institutions will cooperate toward developing, disseminating, and presenting the articulated program information to students.
3. Graduates of MC who have completed the approved degree program with a 2.0 or higher will be considered for admission in accordance with Hood's Transfer Student Policy. Hood will accept up to 62 credits.
4. Students intending to transfer should apply for admission by the priority deadline for the semester for which they intend to enroll.
5. Students are subject to all the policies and procedures of both institutions.
6. This articulation agreement is based on the present curricula contained in the appendix. Changes to and the additional of new curriculum can be made without completing the signatory process. The degree requirements will be reviewed biennially; the agreement will be reviewed every five years at which time the agreement can be renewed or ended upon the mutual written consent of both parties.
7. Both institutions at any time may initiate changes to this articulation agreement. Changes should be shared in written format executed by both parties, via email or USPS, with at least 30-day's notice for implementation. The contact at MC will be the Office of the Senior Vice President for Academic Affairs; the contact at Hood will be the Office of the Vice President for Academic Affairs.
8. Notwithstanding any other provision of this articulation agreement, all information relating to student educational records shall be treated in accordance with the Federal Educational Rights and Privacy Act (FERPA).
9. This agreement goes into effect for the Spring 2019 semester.

### **APPENDIX**

As part of this agreement, the following has been included:

1. Recommended Transfer Pathways for completion of MC and Hood requirements:

A.A. in Computer Science & Technologies, Computer Science to B.S. in Computer Science

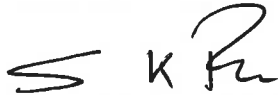
**SIGNATORIES**

This agreement represents our understanding that students who adhere to the requirements will have the ability to transfer from MC to Hood in accordance with Hood's Transfer Student Policy.

Approval is granted according to the terms of this agreement by:

**Montgomery College**

By:



\_\_\_\_\_  
Dr. Sanjay Rai  
Senior Vice President for Academic Affairs

02/08/2019

\_\_\_\_\_  
Date

**Hood College**

By:



\_\_\_\_\_  
Dr. Debbie Ricker  
Provost, Vice President for Academic Affairs

2/25/19

\_\_\_\_\_  
Date



## Suggested Transfer Pathway

### Montgomery College A.A. in Computer Science & Technologies, Computer Science to Hood College B.S. in Computer Science



Catalog Year: 2018-2019, Total Credits: 60

#### 0 – 30 credits – Montgomery College

	Cr
ENGL101 (if needed, or program elective †)	3
MATH181 Calculus I (Students may need to take MATH165 if they don't place into MATH181)	4
Behavioral & Social Sciences Distribution *	3
CMSC140 Intro to Programming	3
Arts Distribution	3
<b>Total Credits</b>	<b>16</b>

Courses may be taken in any order (pending prerequisites)

	Cr
ENGL102 or ENGL103 (English Foundation)	3
MATH182 Calculus II	4
CMSC203 Computer Science I	4
Arts Dist, Humanities Dist or HLTH Course (GEIR)	3
<b>Total Credits</b>	<b>14</b>

#### 31 – 61 credits – Montgomery College

	Cr
CMSC204 Computer Science II	3
Humanities Distribution	3
Natural Sciences Distribution with Lab	4
Program Elective (CMSC201 recommended) † *	3
<b>Total Credits</b>	<b>15</b>

	Cr
COMM108 or COMM112 (GEIR)	3
CMSC207 Intro to Discrete Structures	3
Behavioral & Social Sciences Distribution	3
Natural Sciences Distribution with Lab (Hood requires a second lab science course)	4
Program Elective †	3
<b>Total Credits</b>	<b>16</b>

**Apply to graduate from MC with an A.A. in [Computer Science & Technologies, Computer Science](#)**

\* BSSD courses must come from different disciplines

† Program Electives: CMSC Courses, [MATH117](#), [MATH165](#), [MATH280](#), [MATH282](#), [MATH284](#)

#### Year Three – Hood College

Fall Semester	Cr
CS219 Advanced Data Structures	3
CS226 Computer Organization + Design	3
Post Calculus Math Course	3
300-Level CS Elective	3
Elective	3
<b>Total Credits</b>	<b>15</b>

Spring Semester	Cr
CS319 Algorithm Analysis	3
CS329 Intro to Data Management Systems	3
Post Calculus Math Course	3
Natural Sciences Distribution with Lab	4
Elective	3
<b>Total Credits</b>	<b>16</b>

#### Year Four – Hood College

Fall Semester	Cr
CS324 Principles of Software Engineering	3
CS471 Programming Languages	3
CS474 Capstone	3
Post Calculus Math Course	3
Elective	3
<b>Total Credits</b>	<b>15</b>

Spring Semester	Cr
CS475 Senior Project	3
CS 464 Operating Systems	3
300-Level CS Electives	6
Elective	3
<b>Total Credits</b>	<b>15</b>

[montgomerycollege.edu/computerscience](http://montgomerycollege.edu/computerscience)

[cs.hood.edu](http://cs.hood.edu)

**MC A.A. in Computer Science and Technologies, Computer Science to Hood College B.S. in Computer Science**

Catalog Year: 2018-2019, Total Credits: 60, Courses may be taken in any order (pending prerequisites)

Name:	Date:	ID#	
<b>Foundation Courses</b>	<b>COURSE</b>	<b>HRS</b>	<b>GRADE</b>
English Foundation (ENGL102 or ENGL103)	ENGL	3	
Math Foundation, Calculus I	MATH181	4	
<b>Distribution Courses</b>	<b>COURSE</b>	<b>HRS</b>	<b>GRADE</b>
Arts Distribution		3	
Humanities Distribution		3	
Behavioral & Social Science Distribution *		3	
Behavioral & Social Science Distribution *		3	
Natural Science Distribution with Lab		4	
Natural Science Distribution with Lab (Hood requires a second lab course)		4	
<b>General Education Institutional Requirements</b>	<b>COURSE</b>	<b>HRS</b>	<b>GRADE</b>
COMM108 or COMM112 (GEIR)	COMM	3	
Arts Distribution, Humanities Distribution or HLTH Course (GEIR)		3	
<b>Program Requirements</b>	<b>COURSE</b>	<b>HRS</b>	<b>GRADE</b>
ENGL101 (if needed for ENGL102 or ENGL103, program elective † if not)		3	
<b>Area of Concentration Requirements</b>	<b>COURSE</b>	<b>HRS</b>	<b>GRADE</b>
Intro to Programming	CMSC140	3	
Computer Science I	CMSC203	4	
Computer Science II	CMSC204	4	
Intro to Discrete Structures	CMSC207	4	
Calculus II	MATH182	3	
Program Elective (CMSC201 Java Programming Language recomm'd) †		3	
Program Elective †		3	

\* BSSD courses must come from different disciplines

† Program Electives: CMSC Courses, [MATH117](#), [MATH165](#), [MATH280](#), [MATH282](#), [MATH284](#)

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[alla.webb@montgomerycollege.edu](mailto:alla.webb@montgomerycollege.edu), (240) 567-7934

**Hood Contact:** Dr. George Dimitoglou, Director of Computer Science  
[dimitoglou@hood.edu](mailto:dimitoglou@hood.edu), (301) 696-3980