

Articulation Agreement of Academic Programs


between

Massasoit Community College and University of Massachusetts, Dartmouth

The above institutions hereby enter into an agreement to facilitate the transfer of students enrolled in the Associate's Degree in Liberal Arts Transfer – Computer Science Option at Massasoit Community College into the Bachelor of Science in Computer Science at University of Massachusetts, Dartmouth.

University of Massachusetts, Dartmouth's designated representative will be the Senior Coordinator for New Student Transfer and Massasoit Community College's representative will be the Coordinator of Transfer Affairs.

University of Massachusetts, Dartmouth  
Approval



Dr. Mohammad Karim  
Provost & Executive Vice Chancellor for  
Academic & Student Affairs

Massasoit Community College Approval



Barbara Finkelstein  
Senior Vice President & Vice President of  
Faculty & Instruction



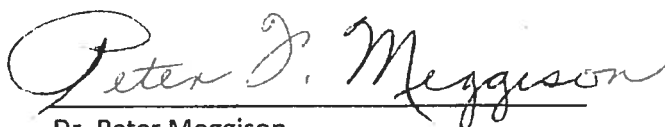
Robert Peck  
Dean, College of Engineering



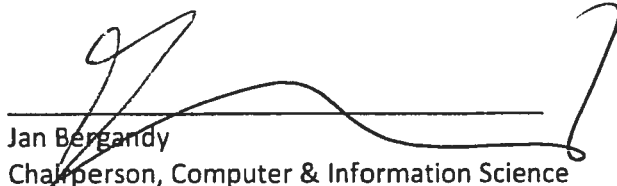
Lynda Thompson  
Division Dean, Business and Technology



Ramprasad Balasubramanian  
Associate Dean, College of Engineering



Dr. Peter Meggison  
Department Chair, Computer Technology &  
Information Management



Jan Bergandy  
Chairperson, Computer & Information Science

**Objectives:**

1. To attract qualified students to Massasoit Community College and University of Massachusetts, Dartmouth.
2. To promote and facilitate an efficient transition of transfer students between institutions.
3. To provide specific information and guidelines for transfer students.
4. To encourage academic coordination and cooperation, including curricular reviews, on-site visits, and joint academic advising for students attending Massasoit Community College and University of Massachusetts, Dartmouth.

**Stipulations:**

1. University of Massachusetts, Dartmouth guarantees acceptance of Massasoit Community College students who complete the Associate's Degree as outlined in this document. All criteria of MassTransfer will apply.
2. Transfer students designated above will not be required to take more than 68 additional credits to receive a baccalaureate degree.
3. It is understood that students transferring from two year colleges must complete a minimum of 60 credits for the baccalaureate degree at UMD.

**Mutual Responsibilities:**

1. Both institutions agree to maintain current listings of the course equivalencies. This will be the responsibility of the two designated representatives.
2. Massasoit Community College and University of Massachusetts, Dartmouth will incorporate a summary of this agreement into official publications and web sites.
3. Massasoit Community College and University of Massachusetts, Dartmouth agree to encourage qualified students to participate in this program by providing information, advising, and other assistance required to foster a seamless transition from the two-year institution to the four-year institution.

**Review/Revision:**

1. Both institutions will periodically review this agreement. Substantive changes in the courses or program of either institution will require a review of this articulation agreement. Revisions will be implemented with one- year notice prior to termination of the agreement.

Spring 2014

Articulation Agreement

Institution: Massasoit Community College

Date: 2/27/2014

Transfer Institution: University of Massachusetts, Dartmouth

Summary of Benefits:

- Guaranteed acceptance with a minimum G.P.A. of 2.5
- 33% Tuition Reduction with minimum G.P.A. of 3.0
- Guaranteed transfer of credits of all courses with a C- or better, however a C or better is required for all CIS Courses at UMass Dartmouth. (CIS designation)
- Guaranteed benefits of MassTransfer
- Students transfer with Junior status with regard to financial aid and registration

MCC Program: Liberal Arts Transfer – Computer Science Option	CR	UMass-Dartmouth Program: Computer Science	CR
<b>General and Elective Requirements</b>			
ENGL 101 – English Composition I	3	ENL 101 – Critical Reading & Writing I	3
ENGL 102 English Composition II	3	ENL 102 – Critical Reading & Writing II	3
MATH 203 – College Algebra	3	MTH 101 – College Algebra	3
HIST 101 – US History I	3	HST 115 – US History I	3
Language Elective	3	Foreign Language Equivalent	3
CTIM 101/104 Beg/Interm Windows	1	Free Elective	1
CTIM 102/105/108 Beg/Int/Adv Word	1	Free Elective	1
CTIM 103/106/109 Beg/Int/Adv Excel	1	Free Elective	1
HIST 102 – US History II	3	HST 116 – US History II	3
PSYC 101 – General Psychology	3	PSY 101 – General Psychology	3
MATH 217 – Precalculus	3	MTH 131 – Precalculus	3
Language Elective	3	Foreign Language Equivalent	3
CTIM 157 – Intro to JAVA Programming*	3	CIS 180 – Object Oriented Programming I*	4
CTIM 168 – Advanced JAVA Programming*	3	CIS 181 – Object Oriented Programming II*	4
CTIM 281 – Intro to Software Design*	3		
Literature Elective	3	Cultural World – Literature Requirement	3
MATH 223 – Calculus I	4	MTH 111 – Analy Geometry & Calc I	4
SOCI 104 – Principles of Sociology	3	SOC 101 – Intro to Sociology	3
PHYS 161 – General Physics I	4	PHY 113 – Classical Physics I	4
MATH 222 – Calculus II	4	MTH 112 – Analy Geometry & Calc II	4
SPCH 105 – Speech Communication	3	ENL 270 – Speech Communication	3
PHYS 162 – General Physics II	4	PHY 114 – Classical Physics II	4
<b>Total Credits</b>	<b>64</b>	<b>Total Credits</b>	<b>63</b>

\*Students must have a C or Better in all Computer Science courses in order to receive credit for the BS in Computer Science

Junior and Senior year are as follows at UMass Dartmouth:

3<sup>rd</sup> Year 1<sup>st</sup> Semester

CIS 190 – Intro to Procedural Programming	4 credits
CIS 272 – Intro to Computing Systems	4 credits
MTH 181 – Discrete Structures I	3 credits
ENL 266 – Technical Communications	3 credits
Total	14 credits

3<sup>rd</sup> Year 2<sup>nd</sup> Semester

CIS 280 – Software Specifications & Design	4 credits
CIS 273 – Comp Organization & Design	4 credits
MTH 182 – Discrete Structures II	3 credits
Science Elective	3 credits
Total	14 credits

4<sup>th</sup> Year 1<sup>st</sup> Semester

CIS 360 – Algorithms & Data Structures	3 credits
CIS 370 – Design of Operating Systems	4 credits
MTH 331 – Probability	3 credits
Cultural World: Visual & Performing Arts	3 credits
Total	13 credits

4<sup>th</sup> Year 2<sup>nd</sup> Semester

CIS 361 – Models of Comp	3 credits
CIS 362 – Empir Method for CS	3 credits
CIS 381 – Soc & Eth Aspects of CS	3 credits
CIS Technical Elective	3 credits
Total	12 credits

5<sup>th</sup> Year 1<sup>st</sup> Semester

CIS 498 – Software Engineering Project I	4 credits
CIS Technical Elective	3 credits
CIS Technical Elective	3 credits
CIS Technical Elective	3 credits
Total	13 credits

5<sup>th</sup> Year 2<sup>nd</sup> Semester

CIS 499 – Software Engineering Project II	3 credits
CIS 481 – Parallel & Distrib Com	3 credits
Total	6 credits