

## Articulation Agreement of Academic Programs

between

### Massasoit Community College and UMass Dartmouth

The above institutions hereby enter into an agreement to facilitate the transfer of students enrolled in the Associate's Degree program in Engineering Transfer: Electrical at Massasoit Community College into the Bachelor's Degree program in Electrical Engineering 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 and Articulation.

#### UMass Dartmouth Approval



Magali Carrera  
Vice Provost for Academic Affairs

#### Massasoit Community College Approval



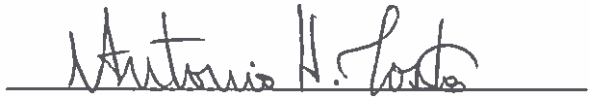
Barbara McCarthy  
Vice President of Academic Affairs



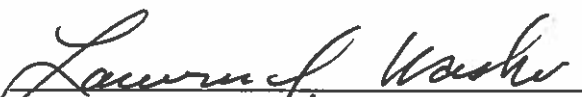
Ramprasad Balasubramanian  
Interim Dean, College of Engineering



Carine Sauvignon  
Dean of Emergent Technologies



Antonio Costa  
Chair, Electrical and Computer Engineering



Lawrence Wasko  
Chair, Engineering and Electronic Technologies

Date: 3/9/18



**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.

**Stipulations and Guarantees:**

1. University of Massachusetts Dartmouth guarantees acceptance of Massasoit Community College students who complete the Engineering Transfer program with a cumulative GPA of 2.5.
2. Transfer students who complete the prescribed courses as designated in the attached articulation agreement with a C- or better will be guaranteed that sixty-two and one half credits will transfer and be applied to the University of Massachusetts Dartmouth Electrical Engineering baccalaureate degree.
3. University of Massachusetts Dartmouth guarantees a Massachusetts tuition credit for Massasoit Community College students who complete the Engineering Transfer program with a cumulative GPA of 3.0. The tuition credit is renewable if GPA is maintained 3.0 or better.

**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 websites.
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:**

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.



# Articulation Agreement

**Institution: Massasoit Community College**

**Date: Fall 2018**

**Transfer Institution: UMASS Dartmouth**

**Summary of Benefits:**

- **Guaranteed Admission with a cumulative GPA of 2.5**
- **Massachusetts tuition credit for students with a cumulative GPA of 3.0 (renewable if GPA is maintained 3.0 or better)**
- **Guaranteed transfer and applicability of 62.5 credits**

<b>MCC: Engineering Transfer – Electrical Option</b>	<b>Credits</b>	<b>UMD: Electrical Engineering</b>	<b>Credits</b>
<b>General Courses</b>			
ENGL 101 English Composition I	3	ENL 101 Critical Writing and Reading I	3
ENGL 102 English Composition II	3	ENL 102 Critical Writing and Reading II	3
Humanities Elective*	3	University Studies	3
Humanities Elective*	3	University Studies	3
Social Science Elective*	3	University Studies	3
Social Science Elective*	3	University Studies	3
<b>Engineering Courses</b>			
ENGT 114 Digital Logic I with Lab & ENGT 204 Micro and Digital Systems with Lab & CTIM 375 Computer Programming and Data Structures with C	4	ECE 260 Digital Logic and Computer Design & ECE 160 Foundations of Computer Engineering I	3.5
	4		4
	3		
ENGT 140 Intro to Engineering	4	EGR 111 Intro to Engineering and Computing	3
ENGT 270 Circuit Theory I with Lab	4	ECE 201 Circuit Theory I	3.5
ENGT 271 Circuit Theory II with Lab	4	ECE 202 Circuit Theory II	3.5
<b>Math &amp; Science Courses</b>			
CHM 151 General Chemistry I with Lab	4	CHM 151 Principles of Modern Chemistry I** & CHM 161 Introduction to Applied Chemistry I	3
			1
MTH 221 Calculus I	4	MTH 151 Analytical Geometry and Calculus I	4
MTH 222 Calculus II	4	MTH 152 Analytical Geometry and Calculus II	4
MTH 223 Calculus III	4	MTH 211 Analytical Geometry and Calculus III	4
MTH 230 Ordinary Differential Equations	4	MTH 212 Differential Equations	3



PHY 161 General Physics I	4	PHY 113 Classical Physics I	4
PHY 162 General Physics II	4	PHY 114 Classical Physics II	4
<b>Total Credits</b>	<b>69</b>		<b>62.5</b>

Note: Students who want to be able complete their degree at UMass Dartmouth in 2 years must complete **UMass Dartmouth's ECE 250 Fundamentals of MATLAB** before transferring. These courses are offered during the Fall and Spring semesters and may be covered by the SACHEM Agreement. Please note ECE 160 is a prerequisite for ECE 250 enrollment.

\*Students should speak with the Engineering advisor at UMass Dartmouth about proper selection of Humanities and Social Science courses. Ideally, you will want to choose courses from the following UMass Dartmouth departments to meet these requirements: ARH, ECO, HST, HUM, MUS, PHL, PSY, SOA, SSE. Use UMass Dartmouth's equivalency database (<https://webapps.umassd.edu/transfers/>) to see how these courses may transfer.

\*\* Course will be used to meet an ELE Science Elective requirement.

