UMass | Dartmouth

Articulation Agreement of Academic Programs

between

Cape Cod 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 Technology: Electrical Engineering Pathway at Cape Cod 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 Cape Cod Community College's representative will be the Coordinator of Transfer and Articulation.

UMass Dartmouth Approval

Mohammad Karim
Provost & Executive Vice Chancellor

Jean VanderGheynst
Dean
College of Engineering

Antonio Costa
Chair
Electrical and Computer Engineering

Cape Cod Community College Approval

Arlene Rodriguez
Vice President, Academic & Student Affairs

Donald Crampton
Dean
Science, Technology, Engineering and Mathematics

Fredrick Bsharah
Chair
Engineering Sciences and Applied Technology

Date: 5-29-19

Objectives:

1. To attract qualified students to Cape Cod 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 Cape Cod Community College.

Stipulations and Guarantees:

1. University of Massachusetts Dartmouth guarantees acceptance of Cape Cod Community College students who complete the Engineering Technology program with a cumulative GPA of 2.5.
2. Fifty-eight credits will transfer and apply to the University of Massachusetts Dartmouth Electrical Engineering baccalaureate degree for transfer students who complete the prescribed courses as designated in the attached articulation agreement with a C- or better.
3. University of Massachusetts Dartmouth guarantees a Massachusetts tuition credit for Cape Cod Community College students who complete the Engineering Technology program with a cumulative GPA of 3.0. The tuition credit is renewable if the GPA is maintained at 3.0 or higher.

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. Cape Cod Community College and University of Massachusetts Dartmouth will incorporate a summary of this agreement into official publications and websites.
3. Cape Cod 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: Cape Cod Community College
Date: Fall 2019
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 58 credits**

Cape Cod Community College: Engineering Technology: Electrical Engineering Pathway	**Credits**	**UMD: Electrical Engineering**	**Credits**
General Courses			
ENL 101 English Composition I	3	ENL 101 Critical Writing and Reading I	3
ENL 102 English Composition II	3	ENL 102 Critical Writing and Reading II	3
[1]Humanities & Fine Arts	3	University Studies	3
[1]Behavioral & Social Science	3	University Studies	3
[1]Behavioral & Social Science	3	University Studies	3
Core Courses			
ENR 103 Introduction to Robotics And COL 101 Success in STEM	4 3	EGR 111 Intro to Engineering and Computing	3
[2]ENR 110 Engineering and Scientific Computing	3	ECE 250 Fundamentals of MATLAB	2
[2]CSC 120 Comp. Prog. I: C++	4	ECE 160 Foundation of Computer Engineering I	4
[2]ENR 204 Circuit Theory I	4	ECE 201Circuit Theory I	3.5
[2]ENR 205 Circuit Theory II	4	ECE 202 Circuit Theory II	3.5
Math & Science Courses			
CHM 151 General Chemistry I	4	[3]CHM 151 Principles of Modern Chem I & CHM 161 Introduction to Applied Chemistry I	3 1
MAT 240 Calculus I	4	MTH 151 Analytical Geometry and Calculus I	4
MAT 250 Calculus II	4	MTH 152 Analytical Geometry and Calculus II	4
MAT 260 Calculus III	4	MTH 211 Analytical Geometry and Calculus III	4
MAT 270 Differential Equations	3	MTH 212 Differential Equations	3

PHY 211 University Physics I	4	PHY 113 Classical Physics I	4
PHY 212 University Physics II	4	PHY 114 Classical Physics II	4
Total Credits	64		58

Note: Students interested in finishing their degree at UMass Dartmouth in two (2) years should complete an equivalent course to UMass Dartmouth's **ECE 260 Digital Logic & Computer Design** prior to transferring. This course is offered at UMass Dartmouth during the spring semester and sometimes offered in the summer. This course may also be covered by the SACHEM agreement when taken in the spring semester. Equivalent courses from other institutions are allowed but must first be approved by the department at UMassD. Speak with an Engineering Student Support & Services (ES^3) advisor at UMassD for more information.

[1]Students should speak with an ES^3 advisor at UMass Dartmouth about proper selection of these courses. Ideally, you will want to choose courses from the following UMass Dartmouth departments to meet these requirements: ECO, HST, HUM, MUS, PHL, PSC, PSY, SOA, SSE. Use UMass Dartmouth's equivalency database (https://webapps.umassd.edu/transfers/) to see how these courses transfer.

[2]Chosen as an Engineering Technology elective.

[3]CHM 151 will meet an ELE Science Elective requirement.