



Articulation Agreement of Academic Programs

between

Bristol 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: Engineering Science at Bristol Community College into the Bachelor's Degree program in Civil Engineering at University of Massachusetts, Dartmouth.

University of Massachusetts, Dartmouth's designated representative will be the Director of Undergraduate Transfer Affairs and Bristol Community College's representative will be the Director of Transfer and Career Services.

UMass Dartmouth Approval

DocuSigned by:

Pauline Entin
Pauline Entin, PhD
Associate Provost for Undergraduate Affairs

DocuSigned by:

Jean VanderGheynst
Jean VanderGheynst, PhD
Dean, College of Engineering

DocuSigned by:

Jonathan Mellor
Jonathan Mellor, PhD
Co-Chairperson, Civil and Environmental Engineering

DocuSigned by:

Daniel MacDonald
Daniel MacDonald, PhD
Co-Chairperson, Civil and Environmental Engineering

Date 2/26/2024

Bristol Community College Approval

DocuSigned by:

Laura Douglas
Laura L. Douglas, Ph.D.
President

DocuSigned by:

Andrew Fisher
Andrew Fisher, Ed.D.
Vice President of Academic Affairs

DocuSigned by:

Kate O'Hara
Kate O'Hara, MBA, M.Ed.
Vice President of Student Services and Enrollment Management

DocuSigned by:

Adrienne Foster Scharf
Adrienne Foster-Scharf, Ph.D.
Dean of STEM

DocuSigned by:

Anthony Ucci
Anthony Ucci
Department Chair

Objectives:

1. To attract qualified students to Bristol 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 Bristol Community College

Stipulations and Guarantees:

1. University of Massachusetts Dartmouth guarantees acceptance of Bristol Community College students who complete the Engineering Transfer: Engineering Science 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-six credits will transfer and be applied to the University of Massachusetts Dartmouth Civil Engineering baccalaureate degree.
3. University of Massachusetts Dartmouth guarantees a Massachusetts full tuition credit for Bristol Community College students who complete the Engineering Transfer: Engineering Science program with a cumulative GPA of 3.0. The tuition credit is renewable if GPA is maintained at 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. Bristol Community College and University of Massachusetts Dartmouth will incorporate a summary of this agreement into official publications and web sites.
3. Bristol 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.

Articulation Agreement

Institution: Bristol Community College

Date: Spring 2024

Transfer Institution: UMASS Dartmouth

- **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)**
- **BCC courses need to be passed with a C- or better to guarantee transfer and applicability of credits**

BCC: Engineering Science Transfer	Credit(s)	UMassD: Civil Engineering	Credit(s)
General Courses			
ENG 101 Comp I: College Writing	3	ENL 101 Critical Writing and Reading I	3
ENG 102 Comp II: Writing about Literature	3	ENL 102 Critical Writing and Reading II	3
ENG 215 Technical Writing	3	ENL 266 Technical Communications	3
HST 113 <u>OR</u> HST 114 United States History	3	HST 115 <u>OR</u> HST 116 History of US I or II	3
Human Expression Elective*	3	University Studies	3
Social Phenomenon Elective*	3	University Studies	3
Core Courses			
<i>Students transferring to UMD for Civil Engineering must complete the courses listed below.</i>			
CAD 128 Civil Drafting and Designing	3	CEN 161 Civil Engineering Design Graphics	2
CSS 101 College Success Seminar & EGR 204 Engineering Applications of MATLAB & EGR 221 Surveying I	1 1 4	CEN 110 Civil Engineering Programming & EGR 111 Intro. To Engineering and Computing	2 3
EGR 222 Surveying II	4	CEN 301 Surveying	4
EGR 251 Statics & EGR 253 Advanced Statics	3 1	EGR241 Engineering Mechanics I: Statics	3
EGR 254 Mechanics of Materials and Structures & EGR 256 Advanced Mechanics of Materials	3 1	CEN 202 Mechanics of Materials & CEN 212 Civil Engineering Materials Lab	3 1
Math & Science Courses			
CHM 113 Fundamentals of Chem I	4	CHM 151 Principles of Modern Chemistry I & CHM 161 Introduction to Applied Chemistry I	3 1
CHM 114 Fundamentals of Chem II	4	CHM 152 Principles of Modern Chemistry II	3
MTH 214 Calculus I	4	MTH 151 Calculus I	4

MTH 215 Calculus II	4	MTH 152 Calculus II	4
MTH 253 Calculus III	4	MTH 211 Analytical Geometry and Calculus III	4
MTH 254 Ordinary Differential Equations	3	MTH 212 Differential Equations	3
PHY 211 General Physics I	4	PHY 113 Classical Physics I	4
PHY 212 General Physics II	4	PHY 114 Classical Physics II	4
Total Credits	70		66

Note: Students that want to be able complete their degree at UMass Dartmouth in 2 years must complete **UMass Dartmouth's EGR 242 - Engineering Mechanics II: Dynamics** prior to transferring to UMass Dartmouth. This course is usually offered during the Spring & Summer Semesters. Enrollment in the spring may be covered by [the SACHEM Program](#).

*Students should speak with an [Engineering Student Support & Services \(ES³\) advisor](#) at UMass Dartmouth about proper selection of elective courses. Ideally you will want to choose courses from the following UMass Dartmouth departments to meet these requirements: ARH, ECO, ENL, HST, HUM, MUS, PHL, PSY, SOA, SSE. Use UMass Dartmouth's equivalency database (<https://webapps.umassd.edu/transfers/>) to see how BCC courses transfer.