

Articulation Agreement

Institution: Bristol Community College

Date: Spring 2011

Transfer Institution: UMASS Dartmouth

Summary of Benefits:

- **Guaranteed Admission with a cumulative GPA of 2.5**
- **33% Massachusetts tuition reduction for students with a cumulative GPA of 3.0**
- **Guaranteed transfer of 73 credits**

BCC: Engineering Transfer, Engineering Science	Credit(s)	UMD: Mechanical 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 Communication	3
HST 114 United States History from 1877	3	HST 116 History of US II	3
SOC 101 Principles of Sociology	3	SOC 101 Introduction to Sociology	3
PHL 101 Introduction to Philosophy OR PHL 152 Ethics: Making Ethical Decisions in a Modern World	3	PHL 101 Introduction to Philosophy OR PHL 215 Introduction to Ethics	3
Core Courses <i>Students transferring to UMD for Mechanical Engineering must complete the courses listed below.</i>			
EGR 204 Engineering Applications of MATLAB	1	EGR 101 Intro. to Applied Science & Engineering I (only transferable if EGR231/233 and EGR 232/234 are also completed and transferred.)	2
CAD 111 Advanced Computer Aided Drafting	3	EGR 102 Intro. to Applied Science & Engineering II & EGR 131 Intro. to Design	2 1
EGR 231/233 Electrical Engineering with Lab I	4	ECE 211 Elements of Electrical Engineering I & ECE 251 Elements of Electrical Engineering Lab	4

EGR 232/234 Electrical Engineering with Lab II	4	ECE 212 Elements of Electrical Engineering II	3
EGR 172 Material Science	4	MNE 231 Material Science	4
EGR251 Statics & EGR 253 Advanced Statics	4	EGR241 Engineering Mechanics I: Statics	3
Math & Science Courses			
CHM 113 Fundamentals of Chemistry I	4	CHM 153 Modern & Applied Chemistry, Science & Engineering I	3
CHM 114 Fundamentals of Chemistry II	4	CHM 152 Principles of Modern Chemistry II and CHM 162 Introduction to Applied Chemistry II	4
MTH 214 Calculus I	4	MTH 111 Analytical Geometry and Calculus I	4
MTH 215 Calculus II	4	MTH 112 Analytical Geometry and 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
<i>Additional courses eligible for transfer into UMD's Mechanical Engineering Program</i>			
EGR 255 Thermodynamics	3	MNE 220 Engineering Thermodynamics I	3
CIS158 Intro. to Procedural Programming	3	CIS 115 Computer Programming with C	3
Total Credits	75		73

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 Mechanical Engineering at University of Massachusetts Dartmouth.

University of Massachusetts, Dartmouth's designated representative will be Assistant Director of Transfer Admissions and Bristol Community College's representative will be the Director of Transfer Affairs

UMass Dartmouth Approval

Bristol Community College Approval

Magali Carrera
Associate Provost for Undergraduate Studies

Sarah L. D. Garrett
Vice President for Academic Affairs

Robert E. Peck
Dean, College of Engineering

Michael Vieira
Associate Vice President of Academic Affairs

Sherif D. El Wakil
Chairperson, Mechanical Engineering

Peter Schuyler
Dean of Mathematics, Science and Engineering

Anthony Ucci
Program Director of Engineering

Date: Spring 2011

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 seventy-three credits will transfer and be applied to the University of Massachusetts Dartmouth Mechanical Engineering baccalaureate degree.
3. University of Massachusetts Dartmouth guarantees a 33% Massachusetts tuition reduction for Bristol Community College students who complete the Engineering Transfer: Engineering Science program with a cumulative GPA of 3.0.

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.