TRANSFER ARTICULATION AGREEMENT

UNIVERSITY OF MASSACHUSETTS DARTMOUTH
and
BRISTOL COMMUNITY COLLEGE

Engineering Science Transfer Program
at
Bristol Community College
to
Mechanical Engineering
at
University of Massachusetts Dartmouth

OBJECTIVES OF THIS AGREEMENT:

1. To attract qualified students to Bristol Community College and the University of Massachusetts Dartmouth.

2. To promote and facilitate an efficient transition of Engineering Science Transfer graduates from Bristol Community College into the Mechanical Engineering major at the University of Massachusetts Dartmouth.

3. To provide specific information and guidelines for transfer students and Joint Admissions students.

4. To encourage academic coordination and cooperation between the two schools including curricular reviews, on-site visitation and joint academic advising for students attending Bristol Community College.

5. To provide a framework for the exchange of information to monitor the success of this agreement.

STIPULATION OF THIS AGREEMENT:

1. This agreement will apply to Bristol Community College transfer students who have completed the Engineering Science Transfer program and received an Associate of Science degree and who followed the prescribed outline of courses.

2. Transfer students designated above will be accepted for admission and will receive junior status at the University of Massachusetts Dartmouth.

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. Representatives from the Bristol Community College Transfer Affairs office and the University of Massachusetts Dartmouth Admissions office will be responsible for assisting the transfer applicant in compiling the required credentials for application which shall include:

    A. The transfer application form or the Intent to Enroll form, if the student is enrolled in Joint Admissions.
    B. An official college transcript.

ASSISTANCE PROVISIONS:

1. Bristol Community College will incorporate a summary of this agreement into official publications.

2. Bristol Community College and the University of Massachusetts Dartmouth both agree to encourage qualified students to participate in this program by providing advising, information, and such other assistance to assure that an easy transition from the two-year institution to the four-year institution will occur.

REVIEW/REVISION PROVISIONS:

1. Review of the contents or implementation of this agreement will occur whenever requested by either party through the designated representatives. Such a review will be appropriate whenever substantive changes or revisions in the courses or programs of either institution occur. One year notice by either party is required for termination.

ARTICULATION OF ACADEMIC PROGRAMS
between
BRISTOL COMMUNITY COLLGE
and
UNIVERSITY OF MASSACHUSETTS DARTMOUTH

The above institutions hereby enter into an agreement to facilitate the transfer of students enrolled in the Associate of Science degree program in Engineering Science Transfer at Bristol Community College into the Bachelor of Science degree in Mechanical Engineering at the University of Massachusetts Dartmouth.

The University of Massachusetts Dartmouth's designated representative will be the Director of New Student Transfer and Bristol Community College's representative will be the Director of Transfer Affairs and Articulation.

FOR BRISTOL COMMUNITY COLLEGE

Karen Dixon
Acting Dean of Academic Affairs

Vijay Raja
Assistant Dean, Mathematics Science and Engineering

Anthony Ucci
Department Chairperson for Engineering

FOR THE UNIVERSITY OF MASSACHUSETTS DARTMOUTH

Richard Panofsky
Associate Vice Chancellor for Academic Affairs and Graduate Studies

Antonio Costa
Dean, College of Engineering

Tesfay Meressi
Department Chairperson for Mechanical Engineering

TRANSFER ARTICULATION AGREEMENT BETWEEN			
BRISTOL COMMUNITY COLLEGE (BCC) AND THE COLLEGE OF ENGINEERING AT UMASS DARTMOUTH			
BCC Program:		**UMass Dartmouth Programs:**	
Engineering Science Transfer		**Civil Engineering**	
	Credits	**Computer Engineering**	**Credits**
		Electrical Engineering	
		Materials (Materials & Bio-Materials Engineering Option)	
		Mechanical Engineering	
General and Elective Courses		**UMass Dartmouth Equivalent Courses**	
ENG 11 College Writing	3	ENL 101 Critical Writing and Reading I	3
ENG 12 Introduction to Literature	3	ENL 102 Critical Writing and Reading II	3
ENG 15 Technical Writing	3	ENL 266 Technical Communications	3
Choose one:	3	**General Education elective: Cultural and Artistic Literacy (Area C)**	3
HST 20 Ancient World		HST 103 World Civilizations I	
HST 21 Middle Ages		HST 104 World Civilizations II	
Choose one:	3	**General Education elective: Cultural and Artistic Literacy (Area C)**	3
HST 22 Early Modern Europe		HST 101 History of Western Civilization I	
HST 23 Modern Europe and World		HST 102 History of Western Civilization II	
Choose one (any Arts and Humanities elective listed below):	3	**General Education elective: Cultural and Artistic Literacy (Area C)**	3
ART 11 Introduction to the History of Art		ARH 200 Ancient and Medieval Art	
ART 12 Survey of Modern Art		ARH 150 Modern to Contemporary Art	
ENG 17 Contemporary American Writers		200-level literature	
ENG 30 Introduction to Film		ENL 255, Introduction to Film	
MUS 11 History of Music I		MUS 101 Introduction to Music I	
MUS 12 History of Music II		Music elective	
MUS 13 Introduction to Music Theory		MUS 108 Materials of Music	
THE 11 Introduction to the Theatre		200-level drama/film elective	
THE 17 History of the Theater		200-level drama/film elective	
THE 18 History of the Theatre II		200-level drama/film elective	
THE 19 Theatre Appreciation		ENL 253 Introduction to Drama	
Foreign Language 01, 02, 11, 12		FLL 101, 102, 201, 202	
Choose one (any Arts and Humanities elective listed below):	3	**General Education elective: Global Awareness (Area G) or Diversity (Area D)**	3
The following courses will earn General Education Area G credit:			
ANT 11 Social and Cultural Anthropology		ANT 111 Introduction to Cultural Anthropology	
ECN 11 Principles of Economics - Macro		ECO 232 Principles of Macro-Economics	
ECN 12 Principles of Economics - Micro		ECO 231 Principles of Micro-Economics	
SSC 14 Introduction to Geography		No equivalent - General Education Area G credit	
The following courses will earn General Education Area D credit:			
GVT 51 Urban Government and Politics		200-level political science elective	
SOC 11 Principles of Sociology		SOC 101 Introduction to Sociology	
SOC 12 Social Problems		SOC 102 Social Problems	
Math and Science Courses		**UMass Dartmouth Equivalent Courses**	
MTH 14 Calculus I	4	MTH 111 Analytic Geometry and Calculus I	4
MTH 15 Calculus II	4	MTH 112 Analytic Geometry and Calculus II	4
MTH 53 Calculus III	4	MTH 211 Analytic Geometry and Calculus III	4
PHY 11 General Physics I	4	PHY 113 Classical Physics I	4
Total Credits (General, Elective, Math, and Science Courses)	37		**37**

BCC Program: Engineering Science Transfer	Credits	UMass Dartmouth Program: Mechanical Engineering [128 Credits]	Credits
Program Core Courses		**UMass Dartmouth Equivalent Courses**	
CHM 13 Fundamentals of Chemistry I	4	CHM 153 Princliples of Modern Chemistry for Engineers	3
CHM 14 Fundamentals of Chemistry II	4	CHM 152 Principles of Modern Chemistry II	3
		CHM 162 Introduction to Applied Chemistry II	1
MTH 54 Ordinary Differential Equations	3	MNE 212 Differential Equations for Engineers	3
PHY 12 General Physics II	4	PHY 114 Classical Physics II	4
ETK 29 Electrical Engineering I	3	ECE 211 Elements of Electrical Engineering I	3
ETK 31 Electrical Engineering I Laboratory	1	ECE 251 Electrical Measurements	1
ETK 30 Electrical Engineering II	3	ECE 212 Elements of Electrical Engineering II	3
ETK 32 Electrical Engineering II Laboratory	1		
ETK 79 Engineering Material Science	4	MNE 231 Material Science	4
CAD 19 Advanced Computer Aided Design I	4	EGR 101 Intro. to Engineering through Applied Science I*	2
ETK 14 Engineering Applications of MATLAB		EGR 102 Intro. to Engineering through Applied Science II**	2
Choose one:	3	CIS 115 Computer Programming with C	3
ETK 13 Computer Tools for Engineers	3		
CIS 76 Introduction to Procedural Programming	4		
Total Credits (Mechanical Engineering)	68		**69**
*Transfer credit for EGR 101 can only be awarded when ETK 29 and MTH 14 are completed and transferred.			
**Transfer credit for EGR 102 can only be awarded when MTH 15 and PHY 11 are completed and transferred.			
Additional credits required to complete the Bachelor of Science in Mechanical Engineering			
		Mechanical Engineering major courses: 16 courses	37
		Engineering core courses: 4 courses	10
		Technical electives: 3 courses	9
		General Education requirements: 1 course	3
		General Education requirements remaining to be completed will	
		differ depending on the electives taken at BCC. For instance,	
		students who chose Economics at BCC will have completed	
		the UMass Dartmouth Global Awareness (Area G) general education	
		requirement; students who select Government 51 will have met the UMass	
		Dartmouth Diversity (Area D) general education requirement.	
		TOTAL	**59**
TOTAL REQUIRED FOR DEGREE			**128**