

BRISTOL COMMUNITY COLLEGE and FITCHBURG STATE UNIVERSITY

Bristol Community College and Fitchburg State University agree to enter into an articulation agreement in the following academic discipline:

Engineering Technology, Architectural and Civil and Construction Management

This agreement is set forth by Bristol Community College and Fitchburg State University in an effort to delineate a transfer student's best options in course selection. This document outlines advising recommendations, curriculum options, and course equivalencies where they exist. It signifies the ongoing commitment between these two institutions of higher education to promote coordinated curricula of the highest quality. As such, it bears with it the commitment of our respective faculty, and administrative staff to strengthen these ties and address the needs of our students in a mutually beneficial manner.

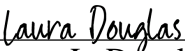
Students graduating from Bristol Community College in the Engineering Technology, Architectural and Civil program with a qualitative grade point average of 2.0 or greater may transfer to the Fitchburg State University Construction Management program with between 60 and 75 transfer credits.

Acknowledging that students may transfer from a wide variety of majors, this agreement does not prohibit transfer to, or from, other programs of study at either institution. This agreement outlines the optimal transfer route from Bristol Community College to Fitchburg State University for students pursuing a career in the field of Construction Management.

This articulation agreement does not supersede or in any way alter the statewide MassTransfer agreements currently in existence. Similarly, students taking advantage of the MassTransfer are encouraged to utilize these articulation agreements in preparation for their transfer to Fitchburg State University.

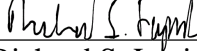
Signed on this day, 3/28/2024

DocuSigned by:



Laura M. Douglas, Ph.D.
President
Bristol Community College

DocuSigned by:



Richard S. Lapidus, Ph.D.
President
Fitchburg State University

TRANSFER ARTICULATION AGREEMENT

Between

Bristol Community College

and

Fitchburg State University

in

Engineering Technology, Architectural and Civil

-

Construction Management

This agreement is effective as of March 2024 and will remain in effect until March 2027, with the provision that the terms specified herein will continue to apply to graduates who transfer from Bristol Community College to Fitchburg State University, within one year of the expiration of this agreement. The faculty at both institutions agree to meet annually to review the agreement and discuss modifications.

For: **Bristol Community College**

For: **Fitchburg State University**

DocuSigned by:

Anthony Ucci

Anthony Ucci

Engineering Technology, Department
Chair

DocuSigned by:

Nirajan Mani, Ph.D.

Nirajan Mani, Ph.D.

Engineering Technology Department
Chairperson

DocuSigned by:

Adrienne Foster Scharf

Adrienne Foster Scharf, Ph.D.

Dean of STEM

DocuSigned by:

Jennifer Hanselman, Ph.D.

Jennifer Hanselman, Ph.D.

Dean of Business and Technology

DocuSigned by:

Kate O'Hara

Kate O'Hara, MBA, M.Ed.

Vice President of Student Services and
Enrollment Management

DocuSigned by:

Patricia Marshall

Patricia A. Marshall, Ph.D.

Provost and Vice President for
Academic Affairs

DocuSigned by:

Andrew Fisher

Andrew Fisher, Ed.D.

Vice President of Academic Affairs



**Bristol Community College and
Fitchburg State University Associate to
Bachelor Completion Degree Plan Table for
Construction Management**



Bristol Community College Engineering Technology, Architectural and Civil			Fitchburg State University Construction Management		
Course #	Title	Credits	Course #	Title	Credits
CSS 101	College Success Seminar	1	FYE 1000	First Year Experience Seminar, RIL	1
ENG 101	Composition I: College Writing	3	ENGL 1100	Writing I, W	3
ENG 102	Composition II: Writing about Literature	3	ENGL 1200	Writing II, WIL	3
ARC 201	Introduction to American Architecture	3	ART 2990	Transfer Elective	3
HST 113 or HST 114	U.S. History to 1877 or U.S. History from 1877	3	HIST 1400 or HIST 1500	United States History I, CV, HI or United States History II, CV, HI	3
	Multicultural and Social Perspectives (recommend GVT 111, HST 111, 112, 113, 114, SOC 101 and 212)	3		Elective	3
CAD 101 and CAD 122	Computer Aided Drafting and Architectural Drawing	6	ENGT 1050 and ENGT 1020	Technical Analysis and Engineering Graphics	6
EGR 124	Soils and Foundations	3	ENGT 1992	Transfer Elective	3
EGR 125	Construction Estimating	3	CMGT 3028	Estimating and Bidding	3
EGR 221	Surveying I	4	CMGT 3022 CMGT 2990	Surveying plus Transfer Elective	4
EGR 222	Surveying II	4	CMGT 2990	Transfer Elective	4
EGR 251	Statics	3	ENGT 2020	Statics & Dynamics	3
EGR 254	Mechanics of Materials and Structures	4	ENGT 2025 and ENGT 2990	Strength of Materials plus Transfer Elective	4
EGR 102	Introduction to Sustainable and Green Energy Technologies (Recommended)	3	ENGT 3000	Energy and Sustainable Practices	3
	Architectural and Civil Technology Program Elective (Recommend EGR 172 or EGR 123)	3-4		Elective	3-4
PHY 101	Technical Physics I	4	PHYS 2300	General Physics I, PL, SI	4
MTH 172	Precalculus with Trigonometry	4	MATH 1300	Precalculus	4
MTH 152 or MTH 214	College Algebra or Calculus I	3-4	MATH 1250 or MATH 2300	Introduction to Functions, QR or Calculus I, QR	3-4
Total credits for associate degree		60-62		Transfer credits	60-62



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Architectural and Civil Technology Program Electives					
CAD 128	Civil Drafting and Design	3	CMGT 1990	Transfer Elective	3
CAD 125	3D Architecture, Building, and Landscape Design	3	CMGT 1990	Transfer Elective	3
CHM 113	Fundamentals of Chemistry I	4	CHEM 1300	General Chemistry I, SI, PL	4
EGR 123	Green Building Practices	4	CMGT 2035	Building Construction Systems I	4
EGR 172	Material Science	4	ENGT 2030	Material Testing and Quality Control plus ENGT elective	4
EGR 226	Legal Aspects of Boundary Surveying	3	ENGT 2990	Transfer Elective	3
EGR 244	Basic Drinking Water Treatment	4	ENGT 2991	Transfer Elective	4
EGR 299	Engineering Projects	4	ENGT 2990	Transfer Elective	4
GIS 101	Introduction to Geographic Information Systems	3	GEOG 4000	Geographic Information Systems, AIA, PL	3
INT 210	Internship Experience I	3	GENS 2990	Transfer Elective	3
PHY 102	Technical Physics II	4	PHYS 2400	General Physics II, AIA, PL	4

Multicultural and Social Perspectives Electives which transfer as General Education courses					
GVT 111	U.S. Government	3	POLS 1000	United States Government, CV	3
HST 111	The West and the World I	3	HIST 1000	World Civilizations I, DP, HI	3
HST 112	The West and The World I	3	HIST 1100	World Civilizations II, DP, HI	3
HST 113	U.S. History to 1877	3	HIST 1400	United States History I, CV, HI	3
HST 114	U.S. History from 1877	3	HIST 1500	United States History II, CV, HI	3
SOC 101	Principles of Sociology	3	SOC 1100	Introduction to Sociology, CV, DP	3
SOC 212	The Sociology of Social Problems	3	SOC 2700	Social Problems, CV, DP	3



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Courses left to complete at Fitchburg State University		Credits	
ENGT 2030	Material Testing and Quality Control	0-3	EGR 172 as program elective
CMGT 2035	Building Construction Systems	0-4	EGR 123 as program elective
ENGT 3000	Energy and Sustainable Practices	0-3	Not needed if transfer in EGR 102
CMGT 3005	Heavy/Highway Construction Systems	3	
ENGT 3010	Building Design I	3	
ENGT 3025	Engineering Design and Fabrication Systems I	3	
ENGT 3026	Engineering Design and Fabrication Systems II	3	
CMGT 3030	MEP & HVAC Systems	3	
CMGT 3035	OSHA: Safety and Risk Management	3	
ENGT 3045	Analysis and Design of Structural Systems	3	
CMGT 4010	Project Scheduling	3	
CMGT 4020	Communication and Transportation Technologies	3	
CMGT 4025	Construction Law and the Legal System	3	
CMGT 4030	Construction Management Capstone	3	
CMGT 4035	Site Planning & Land Development	3	
CMGT 4045	Seminar in Construction	3	
BSAD 2010	Introduction to Financial Reporting	3	
	Exploration course	3	Could be covered by Multicultural and Social Perspectives selection
	World Language, Speaking and Listening course	3	
	Integrative High Impact Practice	3	
	Free Electives	0-6	
Credits left to complete		60-61	