

Individual Program Transfer Articulation Agreement

Between the Maine Community College System acting by and through

Eastern Maine Community College

And the University of Maine System acting by and through

The University of Maine

For Transfer From

Associate in Applied Science in Building Construction Technology

To

Bachelor of Science in Construction Engineering Technology

This Transfer Articulation Agreement is governed by the general Transfer Articulation Agreement Memorandum of Understanding between Eastern Maine Community College (EMCC) and the University of Maine (UMaine). Current students and graduates who have been enrolled in or earned the identified degree from EMCC and are admissible to the University shall be eligible for credit evaluation under the terms of this agreement.

Admissions requirements: Successful Completion of the Associate in Applied Science in Building Construction Management and a complete application for admission.

Scholarships and Financial Aid dates: Applying before June 1st for a fall entry allows students to be considered for transfer merit awards. June 1st is also the on-time FAFSA filing date for fall transfers.

Side by Side Course Equivalency Table as February 2023

Identifies how courses in the Associate in Applied Science in Building Construction Technology at EMCC transfer to the Bachelor of Science in Construction Engineering Technology at UMaine when the required grade is earned in each course, minimum C- (C for English Composition).

First Semester

EMCC Courses:		Cr	UMaine Transfer Equivalent:		Cr
BCT 103	Intro to Framing, Safety, Code Compliance	3	CET 224	Construction Safety	3
BCT 105	Roof Systems and Surfaces	4	CET 200X	Technical Elective	4
DGT 103	Architectural Drafting I	3		Not accepted for transfer credit	0
ENG 101	English Composition@ (ENG 100 not accepted for transfer credit)	3	ENG 101	English Composition – meets UM Gen Ed requirement	3

EMCC Courses:		Cr	UMaine Transfer Equivalent:		Cr
MAT 110	Technical Mathematics I – Replace MAT 110 with the highest-level math qualified to take (based on math placement test): MAT 116 – College Algebra MAT 217 Pre-Calculus@ MAT 225 Calculus I@ MAT 226 Calculus II@ Or check to see if you can take the following courses at UMaine MAT 116 Intro to Calculus@ MAT 117 Applications of Calculus@	3		(note: MAT 110 does not transfer to UMaine)	
		3	MAT 111	Algebra for College Math	3
		3	MAT 100X	Math Elective	Or 4
		4	MAT 226	Calculus I	
		4	MAT 227	Calculus II	
		4	MAT 116	Intro to Calculus	
		4	MAT 117	Applications of Calculus	
	Credits	16		Credits	10

Second Semester

EMCC Courses:		Cr	UMaine Transfer Equivalent:		Cr
BCT 153	Exterior & Interior Finish with Adv Rafter Framing	7	CET 200X	Construction Engineering Technology Construction Elective	7
DTG 133	Architectural Drafting II	3	SVT 121	SVT 121 AutoCAD for Surveyors I	3
Math or Science 100 level/higher	Take the highest-level math qualified to take: MAT 116 – College Algebra MAT 217 Pre-Calculus@ MAT 225 Calculus I@ MAT 226 Calculus II@ Or check to see if you can take the following courses at UMaine MAT 116 Intro to Calculus@ MAT 117 Applications of Calculus@	3 3 4 4	MAT 111 MAT 100X MAT 226 MAT 227	Algebra for College Math Math Elective Calculus I Calculus II	3 3 4 4
			MAT 116 MAT 117	Intro to Calculus Applications of Calculus	3 3
Humanities or Soc Science	SPE 101 Oral Communications@	3	CMJ 103	Public Speaking – meets UM Gen Ed and BS CET requirement	3
	Credits	16 or 17		Credits	16

Third Semester

EMCC Courses:		Cr	UMaine Transfer Equivalent:		Cr
BCT 213	Stair Construction	1		Not accepted for transfer credit	0
BCT 255	Commercial & Industrial Construction	4	CET 100X	Construction Engineering Technology Elective – used as a substitution for CIE 110 Civil Eng Materials and CIE 111 Materials Lab for students following this articulation agreement	4
BCT 264	Estimating	3	CET 228	Intro to Const Estim at & Planning	3
DGT 233	Architectural Drafting III	3	CET 200X	Construction Engineering Tech Elective – counts as a Construction Elective in BS CET	3
Humanities or Soc Science	PSY 101 – General Psychology@	3	PSY 100	General Psychology – meets UM Gen Ed and BS CET requirement	3
	Credits	14		Credits	13

Fourth Semester

EMCC Courses:		Cr	UMaine Transfer Equivalent:		Cr
BCT 266	Construction Management & Estimating II	3	CET 462	Construction Planning and Scheduling	3
BCT 272	Cabinet Making & Millwork	5		Not accepted for transfer credit	0
ENG 215	Business & Technical Writing	3	ENG 317	Business & Technical Writing	3
Communic, Humanities, Math, Science or Soc Science Elective	PHY 111 Physics with Lab@	4	PHY 107	Technical Physics I	4
	Credits	15		Credits	10
	Total Credits:	60/61			
	Credit Transfer Totals:				49

@ satisfies a UMaine General Education Requirement.

*A minimum grade of C- (or C for English Composition) is required for transfer credit to be awarded.

Special Notes

This agreement assumes students will have completed EMCC's MAT 225 Calculus I or UMaine's MAT 116 Intro to Calculus before starting the 5-semester sequence at UMaine. Students are encouraged to also complete either EMCC's MAT 227 Calculus II or take UMaine's MAT 117 Applications of Calculus (as a visiting, non-degree student) to complete the UMaine portion of the program in a timely manner.

Students planning to complete EMCC's MAT 225 or UMaine's MAT 116 prior to transferring may choose to use a combination of summer, May, or January sessions at EMCC and UMaine to complete

the courses in Semester 9 earlier in the program, eliminating the need for the 5th semester. Students should consult with their advisors at the beginning of their EMCC program to select appropriate courses and confirm availability of required courses in the preferred term.

Courses taken at EMCC in which the student did not earn the required grade to satisfy either transfer credit or degree requirements would need to be retaken at either UMaine or EMCC in order to earn the grade needed to count toward the degree at UMaine. Once enrolled at UMaine, the student would need to seek permission from his or her advisor and complete a domestic study away form to alert Student Records if they plan to take any courses at EMCC.

Suggested course sequence for the last 5 semesters at UMaine as of February 2023

For those who have earned EMCC's Associate of Applied Science in Building Construction Management and completed EMCC's MAT 225 Calculus I or UMaine's MAT 116 Introduction to Calculus. Courses and time to complete the UMaine degree will vary for students who transfer before earning their associate degree or who have not completed at least EMCC's MAT 225 Calculus I or UMaine's MAT 116 Introduction to Calculus.

Semester 5		Cr	Semester 6		Cr
CET 325	Soil Mechanics and Foundations	3	CET 101	Plane Surveying	3
CET 326	Soil Mechanics and Foundations Lab	1	CET 221	Construction Methods	4
MAT 117	Application of Calculus (if not completed at EMCC)	3	CET 413	Statics and Strength of Materials	4
ECO 121	Micro (or 120 Macro) economics	3	PHY 108	Technical Physics II	4
ACC 201	Principles of Financial Accounting	3			
	Credits	13		Credits	15

Semester 7		Cr	Semester 8		Cr
CET 202	Construction Layout	3	CET 360	Preconstruction Services	4
CET 325	Construction Estimating	3	CET 332	Civil Infrastructure	3
CET 414	Structural Design	4	CET 356	Construction Project Administration	3
MGT 220	The Legal Environment of Business	3	CET 412	Sust. Pop and Environmental Design	3
Gen Ed	HVSC: Cultural Div & International Persp.	3	EET 484	Engineering Economics	3
	Credits	16		Credits	16

Semester 9*		Cr			
CET 458	Management of Construction	3			
Gen Ed	HVSC: Artistic and Creative Expression	3			
Gen Ed	HVSC: Western Cultural Traditions	3			
STS 232	Intro to Statistics	3			
	Credits	12			

General Education Requirement courses do not have to be taken in the order shown. Student may also choose to meet general education requirements by taking additional courses at EMCC that have been identified as meeting UMaine’s general education requirements or they may choose to take them during May term, Summer session or January term at UMaine.

Degree Requirement Notes:

* Students planning to complete EMCC’s MAT 225 or UMaine’s MAT 116 prior to transferring may choose to use a combination of summer, May, or January sessions at EMCC and UMaine to complete the courses in Semester 9 earlier in the program, eliminating the need for the 5th semester. Students should consult with their advisors at the beginning of their EMCC program to select appropriate courses and confirm availability of required courses in the preferred term.

Total minimum degree credit hours required for the Bachelor of Science in Construction Engineering Technology is **120 credits** consisting of specific degree requirements, specific elective requirements, and general education requirements.

Transfer students will be accorded the same standards and criteria for admission to a major degree sequence as UMaine students. All applicants accepted to UMaine’s baccalaureate programs must fulfill the graduation requirements as identified in UMaine’s academic catalog. For up-to-date degree information please check UMaine’s online catalog at <http://catalog.umaine.edu/>. The most recent transfer credit equivalency information is available through the online transfer equivalency listing located at <https://peportal.maine.edu/>. See appendix A for complete degree requirements.

Contacts/designee at each campus for more information:

Eastern Maine Community College

Name: Armand Auclair
Title: Chair, Building Construction technology
Email: aaclair@emcc.edu
Phone: 207.974.4602

University of Maine:

Name: Sharon Oliver
Title: Director of Transfer Admission
Email: smoliver@maine.edu
Phone: 207.581.1561

Articulation Implementation and Agreement Review

The Chief Academic Officer designee of the collaborating institutions shall be responsible for implementing this agreement, for identifying and incorporating any changes into subsequent agreements, and for conducting a periodic review of this agreement.

Signatures to this Agreement

This agreement becomes effective on February 15, 2023 and will be reviewed in July 2028 for renewal discussion.

Eastern Maine Community College:

Jane Loxterkamp
Interim Vice President of Academic Affairs

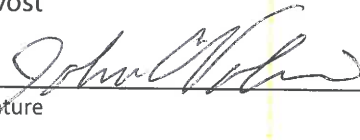
 2-10-23
Signature date

Armand Auclair
Chair, Building Construction Technology

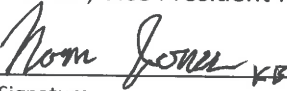
 2-10-23
Signature date

University of Maine:

John C. Volin
Executive Vice President for Academic Affairs & Provost

 3/1/23
Signature date


Norm Jones
Interim, Vice President for Enrollment Management

 2/10/23
Signature date

Giovanna Guidoboni
Dean, College of Engineering

 2/7/2023
Signature date

William P. Manion
Director, School of Engineering Technology

 2/6/2023
Signature date

Philip Dunn, Jr
Professor, Construction Engineering Technology

 2/6/2023
Signature date

Appendix A

University of Maine Bachelor of Science Degree in Construction Engineering Technology

February 2023

First Semester

Second Semester

UMaine		Cr			Cr
CET 100	Intro to Construction Engineering Technology	1	CET 101	Plane Surveying	
CMJ 103	Public Speaking	3	ENG 101	College Composition	
MAT 116	Introduction to Calculus	3	MAT 117	Application of Calculus	
PHY 107	Technical Physics I	4	PHY 108	Technical Physics II	
SVT 121	AutoCAD for Surveyors I	3	Gen Ed	<i>HVSC: Cultural Div & International Persp.</i>	
		14			16

Third Semester

Fourth Semester

UMaine		Cr			Cr
CET 202	Construction Layout	3	CET 221	Construction Methods	4
CET 228	Intro to Const Estimating & Planning	3	CET 224	Construction Safety	3
CIE 110	Materials	3	ECO 121	Micro or Macroeconomics	3
CIE 111	Materials Laboratory	1	STS 232	Intro to Stat or Stat Inference	3
PSY 100	General Psychology	3	Gen Ed	<i>HVSC: Artistic and Creative Expression</i>	3
Gen Ed	<i>HVSC: Western Cultural Traditions</i>	3			
		16			16

Fifth Semester

Sixth Semester

UMaine		Cr			Cr
ACC 201	Principles of Financial Accounting	3	CET 332	Civil Infrastructure	3
CET 325	Construction Estimating	3	CET 356	Construction Project Administration	3
CET 326	Soil Mechanics and Foundations	3	CET 360	Preconstruction Services	4
CET 327	Soil Mechanics and Foundations Lab	1	CET 413	Statics and Strength of Materials	4
ENG 217	Business and Technical Writing	3			
MGT 220	The Legal Environment of Business	3			
		16			14

Seventh Semester

Eighth Semester

UMaine		Cr			Cr
CET 414	Structural Design	4	CET 412	Sust. Pop and Environmental Design	3
CET 458	Management of Construction	3	EET 484	Engineering Economics	3
CET 462	Construction Planning and Scheduling	3	Elective	<i>Construction Elective</i>	3
Elective	Construction Elective	3	Elective	<i>Technical Elective</i>	3
Elective	Technical Elective	3			
		15			14

Total Program Credits: 120 credits