

Transfer Articulation Agreement for Baccalaureate Degree
between
Eastern Maine Community College
and
University of Southern Maine

Statement of Purpose

Eastern Maine Community College (EMCC) and the University of Southern Maine (USM) have entered into this transfer articulation agreement. The purpose of this agreement is to facilitate student academic transfer and provide a smooth transition from a two-year community college to a university. It is recognized that this agreement shall describe the required program of study at EMCC for admission eligibility to USM and the Baccalaureate Degree Program indicated.

Terms and Conditions of Academic Credit Transfer

To: **Bachelor of Science in Technology Management, Concentration in Electro-Mechanical Systems**
(Name of USM Academic Program/Degree)

From: **Associate in Applied Science in Electrical and Automation Technology**
(Name of EMCC Academic Program/Degree)

The evaluation and transfer of earned college credits shall be in compliance with state and federal education policies and institutional and academic program accreditation standards pertaining to undergraduate academic transfer. Current students and graduates who have earned degrees from Eastern Maine Community College shall be eligible for credit evaluation under the terms of this agreement.

Transfer students will be accorded the same standards and criteria for admission to a major degree sequence as USM students. All applicants accepted to USM's Baccalaureate programs must fulfill the graduation requirements of the granting institution as identified in Appendices A, B & C.

- * Appendix A Contains Admission & Graduation Requirements of the Receiving Institution
- * Appendix B Contains Side By Side Course Equivalency Tables for the academic program listed above
- * Appendix C Contains a four semester map of remaining courses to be taken at USM

(Important Note: The information contained in Appendices A, B, & C is accurate for Catalog Year 2016-2017 and the current transfer equivalency listing. For up to date information please check [MaineStreet](#) for transfer equivalencies, and <http://usm.maine.edu/catalogs> for the current course catalog.

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APPENDIX A

This agreement includes specific requirements for admission into a program, outlines requirements, and indicates which degree or diploma can be used to meet program prerequisites as well as general education, major or program, and graduation requirements.

Admissions requirements: Successful completion of the EMCC Associate in Applied Science in Electrical and Automation Technology, submission of a completed admission application, transcripts and other supporting materials. For coursework to transfer to USM, a student must earn a grade of C- or better.
For a list of application instructions and checklist: <http://usm.maine.edu/admit/application-instructions>

Requirements for the USM Bachelor of Science in Technology Management, Concentration in Electro-Mechanical Systems: Remaining required coursework is listed in Appendix C. Student must maintain a cumulative GPA of 2.0 to graduate.

USM Residency Requirement: At minimum, thirty (30) of the last forty-five (45) credits of a student's baccalaureate course load must be completed at USM.

APPENDIX B

*Courses represented in italics are required. If classes in italics in Appendix B are **not** taken at EMCC, the sequence represented in Appendix C cannot be observed, and credit counts represented below may not match actual student achievement.*

EMCC Associate in Applied Science in Electrical and Automation Technology transfer track			USM Bachelor of Science in Industrial Technology, Electro-Mechanical Systems Concentration Equivalencies		
Course	Title	Credits	Course	Title	Credits
ENG 101	College Composition	3	ENG 100	College Writing	3
MAT sequence	<i>MAT 119 College Algebra, MAT 120 College Trigonometry, AND MAT 217 Pre-Calculus</i>	9	MAT 108, MAT 1XX AND MAT 140	College Algebra, Math Elective, AND Pre-Calculus (Quantitative Core Requirement)	9
ENG 215	Business and Technical Writing	3	ITP 210	Technical Writing (Professional Practices Cluster Core Requirement 1 of 3)	3
PHY 121/122	Physics I/Lab	4	PHY 111/114	Elements of Physics I/Lab (Science Exploration Core Requirement)	4
SPE 101	Oral Communication	3	THE 170	Public Speaking (Creative Expression Core Requirement)	3
	Humanities Elective: <i>PHI 105 Comparative World Religions</i>	3	PHI 1XX	Philosophy Elective (Cultural Interpretation Core Requirement AND Diversity Core Requirement)	3
Total credits		25	Total credits accepted		25

EMCC Associate in Applied Science in Electrical and Automation Technology Major Requirements**			USM Equivalencies		
Course	Title	Credits	Course	Title	Credits
CAD 101	Introduction to CADD	3	ITT 1XX	Technical Elective	3
EPT 116	DC Circuits	3	ITT 1XX	Technical Elective	3
EPT 176	Programmable Controllers	3	ITT 1XX	Technical Elective	3
EPT 245	Digital Electronics	3	ITT 2XX	Technical Elective	3
EPT 123	Power Distribution	3	ITT 1XX	Technical Elective	3
EPT 125	AC Electricity	3	ITT 1XX	Technical Elective	3
EPT 167	Fluid Power Technology	3	ITT 323	Fluid Power	3
EPT 173	DC/AC Machines	3	ITT 1XX	Technical Elective	3
EPT 228	Industrial Electronics	3	ITT 2XX	Technical Elective	3
EPT 241	Linear Circuits	3	ITT 2XX	Technical Elective	3
EPT 296	Automation Projects I	3	ITT 2XX	Technical Elective	3
EPT 155	National Electrical Code	3	ITT 1XX	Technical Elective	3
EPT 251	Control Systems	3	ITT 2XX	Technical Elective	3
EPT 298	Automation Projects II	3	ITT 2XX	Technical Elective	3
Total EMCC major credits		42			
Total EMCC credits		67	Total Credits accepted		67

**In addition to the stated exact equivalency, the completed block of EMCC major requirements in Electrical and Automation Technology fulfill USM's Technical/Occupational Specialization requirement (36 credits) and the STH 440 Internship departmental requirement (3 credits).

APPENDIX C

Remaining USM Degree Requirements

For students in EMCC Associate in Applied Science in Electrical and Automation Technology transferring to USM Bachelor of Science in Technology Management, Electro-Mechanical Systems Concentration

[Assumes students complete recommended Mathematics, Science, Social Science, Fine Arts and Humanities electives at EMCC as listed in Appendix B.]

Year Three Fall		Year Three Spring	
Course	Credit	Course	Credit
Ethical Inquiry Core Requirement	3	ITP 230 Project Management (International Core Requirement)	3
ITT 181 Computer Applications and Concepts	3	ITP 280 Industrial Organization, Management & Supervision	3
ITP 310 Facility Planning	3	MAT 120 Statistics	4
ITT 221 Power and Energy Processing	3	ECO 101 Introduction to Macroeconomics OR ECO 102 Introduction to Microeconomics (Socio-Cultural Core Requirement)	3
ACC 110 Financial Accounting	3		
Semester Credits	15	Semester Credits	13

Year Four Fall		Year Four Spring	
Course	Credit	Course	Credit
ITP 340 Fundamentals of Quality	3	ITT 460 Capstone	3
ITT 425 Applied Process Control Engineering	3	ITP 410 Technical Operations and Strategies OR ITP 250 Management Information Systems	3
ITP 330 Production Control	3	ITT 427 Applied Automation Engineering	3
MAT 148 Applied Calculus	3	ITS 320 Occupation Safety and Health	3
		Departmental Physical Science Requirement	3
Semester Credits	12	Semester Credits	15
Total USM credits: 55			
Total EMCC and USM credits: 122			