

**Articulation Agreement for Baccalaureate Degree
Between
Kennebec Valley Community College
and
University of Southern Maine**

Statement of Purpose

Kennebec Valley Community College (KVCC) 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 KVCC 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, Precision Manufacturing Concentration**
(Name of USM Academic Program/Degree)

From: **Associate of Applied Science in Precision Machining**
(Name of KVCC 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 Kennebec Valley 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 2015-2016 and the current transfer equivalency listing. For up to date information please check https://portal.maine.edu/psp/PAPRD89/EMPLOYEE/EMPL/h/?tab=PAPP_GUEST for transfer equivalencies and <http://usm.maine.edu/catalogs> for the current course catalog year.

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MEMORANDUM OF UNDERSTANDING
Between
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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 KVCC Associate of Applied Science in Precision Machining, submission of 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 Bachelor of Science in Technology Management, Precision Manufacturing Concentration: Remaining requirements are listed in Appendix C. Students in the Technology Management degree programs must take a minimum of 15 credit hours (5 courses) in the Department, and will be required to complete a senior assessment as part of the graduation requirement. 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 recommended. If subjects in italics in Appendix B are **not** taken at KVCC, the sequence represented in Appendix C cannot be observed.*

KVCC Courses AAS Precision Machining transfer track			USM BS Technology Management, Precision Manufacturing Concentration Equivalency		
Course	Title	Credits	Course	Title	Credits
CPT 117	Software Applications I	3	ITT 1XX	Technical Elective	3
MAT 114	Technical Math	3	MAT 105	Math for Quantitative Decision Making (satisfies Quantitative Reasoning Core Requirement)	3
ENG 108	Technical Writing	3	ITP 210	Technical Writing	3
MAT 117	College Algebra	3	MAT 108	College Algebra	3
<i>COM 104</i> OR <i>COM 105</i>	<i>Introduction to Communication</i> OR <i>Interpersonal Communication</i>	3	THE 170 OR CMS 1XX	Public Speaking (satisfies Creative Expression Core Requirement) OR Communication & Media Elective	3
MAT 218	Trigonometry	3	MAT 1XX	Mathematics Elective	3
	Humanities Elective: <i>any course that fulfills USM Cultural Interpretation Core Requirement</i>	3	Varies	Direct equivalent or general elective credit	3
	Social Science Elective: <i>ECO 113 Macroeconomics</i>	3	ECO 1XX	Economics Elective (satisfies Socio-Cultural Analysis Core Requirement)	3
	General Education Elective: <i>ENG 101 College Composition</i>	3	ENG 100	College Writing	3
Total credits		27	Total credits accepted		27

Major Requirements			Major Requirements		
Course	Title	Credits	Course	Title	Credits
BPT 126	Technical Print Reading and Sketching	3	ITT 1XX	Technical Elective	3
PMT 101	Introduction to Precision Machining	3	ITT 1XX	Technical Elective	3
PMT 102	Manual Milling and Turning	4	ITT 1XX	Technical Elective	4
PMT 110	Introduction to Master Cam	3	ITT 1XX	Technical Elective	3
PMT 111	Fundamentals of Precision Machining II	7	ITT 1XX	Technical Elective	7
PMT 217	Metal Fabrication	1	ITT 2XX	Technical Elective	1
CPT 240	Computer Aided Design II	3	ITT 282	Computer-Aided Design	3
PMT 201	Fundamentals of Precision Machining III	7	ITT 2XX	Technical Elective	7
PMT 211	Fundamentals of Precision machining IV	4	ITT 2XX	Technical Elective	4
PMT 226	Experiential Education	3	ITT 2XX	Technical Elective	3
Total Major Credits		38			
Total KVCC Credits		65	Total Credits accepted		65

APPENDIX C Remaining USM Degree Requirements

For students in KVCC AAS Precision Machining transferring to USM BS in Technology Management, Concentration in Precision Manufacturing

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

Year Three Fall		Year Three Spring	
Course	Credit	Course	Credit
ITT 221 Power and Energy Processing	3	ITT 323 Fluid Power	3
Ethical Inquiry Core Requirement (200+ level; also fulfills Cluster Core Requirement 1 of 1)	3	MAT 140 Pre-Calculus	3
PHY 111/114 Elements of Physics I w/Lab (fulfills Science Exploration Core Requirement)	5	ITP 230 Project Management (fulfills International Core Requirement and Cluster Core Requirement 2 of 3)	3
MAT 120 Introduction to Statistics	4	ITS 300 Ergonomics/Time Study	3
ITT 181 Computer Applications and Concepts	3	ACC 110 Financial Accounting Information for Decision Making	3
Semester Credits	18	Semester Credits	15

Year Four Fall		Year Four Spring	
Course	Credit	Course	Credit
ITT 425 Applied Process Control Engineering	3	ITT 460 Capstone	3
MAT 148 Applied Calculus	3	ITT 427 Applied Automation Engineering	3
ITP 250 Management Info Systems	3	ITP 490 Cost Analysis and Control	3
ITP 330 Production Control	3	ITS 320 Occupational Safety and Health	3
ITP 340 Fundamentals of Quality	3	Diversity Core Requirement (200 level+; also fulfills Cluster Core Requirement 3 of 3)	3
Semester Credits	15	Semester Credits	15
Total USM credits: 63			
Total KVCC and USM credits: 128			