# ARTICULATION AGREEMENT IN MANUFACTURING TECHNOLOGY BETWEEN JAMESTOWN COMMUNITY COLLEGE AND ALFRED STATE COLLEGE

## PURPOSE OF AGREEMENT

This document establishes a transfer articulation agreement between Jamestown Community College and Alfred State College. Its purpose is to afford students the opportunity to pre-plan their college careers, and to facilitate the transfer process from the Associate in Applied Science (A.A.S.) degree program in Mechanical Technology

at Jamestown Community College to the Bachelor of Technology (B.T.) degree program in Manufacturing Technology at Alfred State College.

## GENERAL GUARANTEE OF ADMISSION AND STANDING

Students who

- graduate from Jamestown Community College with the A.A.S. Mechanical Technology,
- have achieved a minimum cumulative grade point average of 2.0 for all courses taken, and
- have achieved a minimum overall grade point average of 2.5 for all courses taken in Mechanical Technology

are guaranteed admission into the B.T. Manufacturing Technology degree program at

Alfred State College. They are also guaranteed full junior status.

Students who do not meet all of the above criteria will be evaluated for acceptance on a case by case basis. To be eligible for acceptance, students must have a minimum cumulative grade point average of 2.0 for all courses taken and generally must have a minimum overall grade point average of 2.5 within the major. Students with an overall grade point average below 2.5 within the major may be accepted upon individual evaluation.

# GENERAL GUARANTEE OF OPPORTUNITY TO GRADUATE

Students who graduate from Jamestown Community College with all of the Jamestown Community College courses listed in Appendix A are guaranteed the opportunity to earn the bachelor's degree with four semesters of normal coursework at Alfred State College.

# OTHER TRANSFER AND GRADUATION INFORMATION

Alfred State College accepts transfer credits only, not the course grades. Grade must be C or better to transfer.

A maximum of 66 credits is generally accepted in transfer by Alfred State College. However, for the purpose of this agreement, Alfred State College will accept all 72 Jamestown Community College credits listed in Appendix A.

## PROMOTION OF AGREEMENT

Both parties have the right to use this agreement and the name of Jamestown Community College and Alfred State College in all promotional activities including college catalogs and recruitment or advisement activities.

# PROVISION FOR CHANGES IN POLICIES OR CURRICULA

Proposed changes in policies or curricula by either party should be communicated in writing to the other party.

# EFFECTIVE DATE AND PROVISION FOR CANCELLATION

This agreement is in effect for a period of two years from the date of signatures.

Either party may independently cancel this agreement by notifying the other party in writing no less than one year before the intended date of cancellation.

#### APPENDIX A COURSE EQUIVALENCIES

## Alfred State Requirements

#### Jamestown Community College Equivalents

Course	<u>Credits</u>	Course	Credits
BSET 5393 Eng. Tech. Applications	3		
CHEM 5013 Applied Chemistry	3		
COMP 1503 Freshman Composition	3	ENG 1530 College Composition	3
COMP 5703 Technical Writing	3		
ELET 1133 Digital Logic	3		
ELET 1111 Digital Logic Lab	1		
SOCI xxx3	3	Any SUNY Gen. Ed. Social Sciences course	3
HI/PS xxx3 Gen. Ed. Elective	3	Any SUNY Gen. Ed. Am. Hist./West.	3
		Civ./Other World Civ. (satisfy any	
		one of these three categories)	
LITR 2603 Intro. to Literature	3	ENG 1540 Writing About Literature	
Block of Math Courses:	9	Equivalent Block of Math Courses:	8
MATH 1033: College Algebra (3),		MAT 1220: App. Math for Tech. (4),	
MATH 2043: College Trigonometry (3),		MAT 1250: App.Tech. Calc. (4)	
MATH 1123: Statistics (3)			
Block of Technical Courses:	18	Equivalent Block of Technical Courses:	20
MECH 1503: Graphics (3 credits),		DCT 1210: Electrical/Electronic	
MECH 2543: Advanced CAD (3),		Concepts (3 credits), MCT 1230:	
MECH 3643: Manufacturing		Engineering Drawing I (3), MCT 1390:	
Management (3), MECH 4423:		AutoCAD (2), MCT 2230: Mechanics of	
Robotics (3), MECH 4333: Advanced		Materials (4), MCT 2270:	
CAM/Automation (3),		Mechanics of Energy Systems (4),	
MECH 4433: Advanced Solid Modeling (	3)	PHY 1260: Technical Physics II (4)	
MECH 1003 MET Fundamentals	3	CSC 1330 Intro. to Spreadsheets	1
MECH 1203 Materials Science	3	MCT 2450 Intro. to Metallurgy	3
MECH 1343 Computer Problems	3	CSC 1570 Programming Concepts and Applications	3

MECH 1423	Intro. to Solid Modeling	3
MECH 1603	Graphics/CAD	3
MECH 1643	Manufacturing Processes	3
MECH 1641	Manufacturing Processes Lab	1
MECH 2603	Applied Mechanics	3
MECH 3204	Computer Aided Manufacturing	4
MECH 4523	Control Systems	3
MECH 5123	Manufacturing Processes II – Plastics	3
MECH 5643	Operations Management	3
MECH 6123	Tool, Die, and Fixture Design	3
MECH 6124	Automation, System, & Process	4
	Control	
MECH 6243	Quality and Process Control	3
MECH 7123	Metrology and Inspection	3
MECH 7133	Engineering & Manufacturing	3
	Economics	
MECH 8234	Plant and Process Design	4
MECH 8334	Theory of Machines	4
MECH 8643	Lean Manufacturing	3
MECH xxx3	Technical Elective	3
MECH xxx3	Technical Elective	3
MECH xxx3	Technical Elective	3
MECH xxx3	Upper Division Technical Elective	3
PHYS 1024	General Physics I	4
SOC xxx3	Social Science Elective	3
SPCH 5083	Communications in the Workplace	3

MCT 2380 Advanced CAD for Mech. Design	
MCT 1380 Intro to CAD	
MCT2420 Manufacturing Processes	3
MCT 1270 Machine Theory and Operations	3
MCT 1250 Fundamentals of Mechanics	3
MCT 1280 CNC Programming of Machine Tools	3
DCT 1220 Programmable Logic Controllers	3

PHY 1250 Technical Physics Any SUNY Gen. Ed. Social Sciences

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