

# *TRANSFER ARTICULATION AGREEMENT*

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**Quinsigamond Community College**

*and*

**Fitchburg State University**

**Manufacturing Technology Associate in Science (MP)**

**to**

**Industrial Technology – Manufacturing Engineering Technology**

Quinsigamond Community College and Fitchburg State University agree to enter into a transfer agreement for the following academic disciplines:

***Manufacturing Technology Associate in Science (MP)***  
***to***  
***Industrial Technology (Manufacturing Engineering Technology Concentration)***

**Purpose**

This agreement is set forth by Quinsigamond Community College and Fitchburg State University in an effort to delineate a transfer student's best options in course selection. This document signifies the ongoing commitment between these 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.

**Terms and Conditions of Transfer**

- A. Students graduating from the Quinsigamond Community College Manufacturing Technology (MP) Associate Degree program, with a qualitative grade point average of 2.0 or greater, and upon completion of FSU's admissions requirements, are guaranteed acceptance.
- B. In addition, 64 credits of the completed QCC Manufacturing Technology (MP) degree will be accepted and applied to FSU's Industrial Technology - Manufacturing Engineering Technology degree program. All coursework from the sending program must be completed with grades of C or higher in order to transfer.
- C. Quinsigamond Students will be advised to complete the prescribed coursework, and electives, as listed in the attached program grid (Appendix A). Failure to follow these recommendations may affect guarantee of admission, and will result in additional coursework requirements and longer time to degree completion at Fitchburg State.
- D. Acknowledging that students may, and do 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 suggests optimal transfer routes from Quinsigamond Community College to Fitchburg State University.
- E. This transfer agreement does not supersede, or in any way alter, the statewide *MassTransfer* program currently in existence.

This agreement is effective September 1, 2012 and will remain in effect until September 1, 2015 with the provision that the terms specified herein will continue to apply to graduates who transfer from Quinsigamond Community College to Fitchburg State University, within one year of the expiration of this agreement. The faculty at both institutions agrees to meet annually to review the agreement and discuss modifications.

For: **Quinsigamond Community College**

For: **Fitchburg State University**

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Dr. Gail Carberry  
President  
Quinsigamond Community College

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Dr. Robert V. Antonucci  
President  
Fitchburg State University

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Patricia Toney  
Vice President of Academic Affairs

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Dr. Robin E. Bowen  
Vice President of Academic Affairs

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Kathleen Rentsch  
Dean of Business and Technology

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Dr. Stanley Bucholc, Jr.  
Dean of Student and Academic Life

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Lee Duerden  
Coordinator of Manufacturing Technology  
Program

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Dr. James Alicata  
Chair of Industrial Technology Department

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Daniel de la Torre  
Coordinator of Transfer & Articulation

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Heather Thomas  
MassTransfer Coordinator

**Appendix A**

**Quinsigamond Community College and Fitchburg State University  
QCC Manufacturing Technology to Industrial Technology- Manufacturing Engineering  
Technology Program Articulation Table**

QCC Course	Course #	Cr	Fitchburg State Course	Course #	Cr
<b>Semester 1</b>					
Introduction to Microcomputer Applications	CIS 111	3	Computers in Industrial Technology	ITEC 1720	3
English Composition and Literature I	ENG 101	3	Writing I	ENGL 1100	3
College Mathematics I: Precalculus	MAT 123	3	Substitute for Pre-calculus	MATH 1300	3
Manufacturing Processes I	MNT 110	3	Engineering Design Fabrication Systems I	ITEC 1200	3
Liberal Arts Elective*		3	See choices at right		3
<b>Semester 2</b>					
Electronics I	ELT 103	4	Electric Systems and Circuits	ITEC 1000	3
English Composition and Literature II	ENG 102	3	Writing II	ENGL 1200	3
Statistics Or College Mathematics II: Trigonometry	MAT 122 Or MAT 124	3	Applied Statistics I (SMT) Or Transfer Elective	MATH 1700 MATH 1990	3
Mechanical CAD I	MNT 101	3	Technical Drawing	ITEC 1400	3
Geometric Tolerancing and Blueprint Reading	MNT105	4	Transfer Elective	ITEC 1990	4
<b>Semester 3</b>					
Solid Modeling	MNT 103	3	Computer Aided Drafting (CAD)	ITEC 2410	3
Instrumentation in Manufacturing	MNT 115	3	Engineering Experimentation	ITEC 3910	3
Process Automation & Robotics	MNT 217	3	Automated Manufacturing II	ITEC 3730	3
Physics I	PHY 101	4	General Physics I	PHYS 2300	4
Program Elective**		3	See choices at right		3
<b>Semester 4</b>					
Fundamentals of Computer-Aided Manufacturing	MNT 215	4	Transfer Elective	ITEC 2990	4
Manufacturing Processes II	MNT 216	4	Technical Analysis	ITEC 1710	3
Lean Manufacturing & Six Sigma	MNT 218	3	Quality Control	ITEC 3710	3
Coop Work Experience Seminar Or Program Elective**	MNT 299 ----	3	Independent Study Or Program Elective Equivalent	ITEC 4960 -----	3
Physics II	PHY 102	4	General Physics II	PHYS 2400	4
Total credits		66			64

**PLEASE NOTE:**

For the purposes of this articulation agreement, students MUST complete the elective choices listed below. Failure to follow these recommendations may affect guarantee of admission, will result in additional coursework requirements and longer time to degree completion at Fitchburg State.

**REQUIRED ELECTIVES**

\* Preferred Liberal Arts Electives  
(choose one):

ENG 231, ENG 232, HST 104, HST 105, HST 106, PSY 101, SOC 101, SPH 101  
(Other literature or history courses may be considered)

\*\*Suggested Program Electives:

With prefixes BIO, CHM, MAT, PHY, PSY or SPH; or the following suggested courses: MGT 211, MRK 201, MRK 211 or a course approved by the Program Coordinator