



2017-18 CATALOG

**Middlesex Community College**  
**Technology Studies: Manufacturing Machine**  
**Technology**  
**Associate in Science Degree**  
**GRADUATION CHECKLIST**

This program is a **College of Technology Transfer-Oriented Degree** that is intended to be completed before you continue your education at the baccalaureate level. Individual articulation agreements may exist with specific universities so that your degree is completely accepted with all credits transferring. Please check with your Academic Advisor to ensure you enroll in the appropriate courses to ensure seamless transfer to your intended transfer institution.

Category	Course	Cr	Semester Taken	Grade
<b>General Education Requirements for Transfer Programs (33 credits)</b>				
Aesthetic Dimensions Elective		3		
Historical Knowledge Elective		3		
Oral Communication	COM* 173: Public Speaking	3		
Quantitative Reasoning	MAT* 167: Principles of Statistics	4		
Scientific Knowledge	CHE* 111: Concepts of Chemistry OR CHE* 121: General Chemistry I	4		
Scientific Reasoning	PHY* 110 Introductory Physics OR PHY* 121 General Physics I	4		
Social Phenomena (1 of 2): ECN* Department Elective	ECN*	3		
Social Phenomena (2 of 2) Elective		3		
Written Communication (1 of 2)	ENG* 101: Composition	3		
Written Communication (2 of 2)	ENG* 202: Technical Writing	3		

<b>Program Requirements (34-36 credits)</b>				
Program Requirement	CAD* 110: Introduction to CAD OR CAD* 220: Parametric Design (Solidworks)	3		
Program Requirement	MFG* 124 Blueprint Reading I or EGR*112 Engineering Drawing Specifications	2-3		
Program Requirement	MFG* 105: Manufacturing Math II or MAT* 186 Pre-Calculus	3-4		
Program Requirement	MFG* 150: Introduction to Machine Technology	4		
Program Requirement	MFG* 168: CNC I	3		
Program Requirement	MFG* 202: Precision Machining or MFG* 165 Intermediate Machine Technology	3		
Program Requirement	MFG* 203: Precision Machining Lab* (Not required if student completes MFG* 165)	1		
Program Requirement	MFG* 160 Introduction to GD&T or MFG* 239 Geometric Dimensioning & Tolerancing	3		
Program Requirement	MFG* 256: Manufacturing Machinery CNC II	3		
Program Requirement	QUA* 114: Principles of Quality Control	3		
GEO*, HIS*, POL* Elective		3		
PHL* Elective	PHL*	3		
<b>TOTAL CREDITS</b>		<b>66-69</b>		

MIDDLESEX COMMUNITY COLLEGE

Deadline to Apply:

GRADUATION CHECKLIST

Graduation Year 20\_\_\_\_\_

Fall: November 10, 2017

2017-2018

Year of Catalog being used\_\_\_\_\_

Spring/Summer: April 16, 2018

Technology Studies: Manufacturing Machine Technology

NAME (as you would like it to appear on the Diploma) \_\_\_\_\_ @ \_\_\_\_\_ BANNER ID

STREET ADDRESS \_\_\_\_\_ TOWN \_\_\_\_\_ ZIP \_\_\_\_\_ PHONE# \_\_\_\_\_

Please be advised that your name and academic major will be printed in the commencement brochure and your academic major will be announced at the graduation ceremony if you choose to attend. Please notify the Records Office if you \_Do Not wish your information to be printed or announced.

Other college transfer credits to be used? Yes  No  Are they on file at MxCC? Yes  No

Are you applying for more than one degree? Yes  No  If yes, which curriculum? \_\_\_\_\_

Graduation Requirements:

Have been met  Will be met at the end of: Fall semester  Spring Semester  Summer Semester

\_\_\_\_\_  
ADVISOR'S SIGNATURE & DATE

\_\_\_\_\_  
STUDENT'S SIGNATURE & DATE