



**Tech. Studies: Manufacturing Machine Tech**  
**Associate in Science Degree**  
**College of Technology Transfer-Oriented Program**  
**GRADUATION CHECKLIST**

**2018-19**  
**CATALOG**

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>First Semester (Fall) – 15 or 16 credits</b>				
Gen Ed: Written Communication	ENG*101 (or ENG*101E): Composition	3		
Gen Ed: Historical Knowledge		3		
Program Requirement	MFG*124: Blueprint Reading I <b>OR</b> EGR*112: Engineering Drawings Specifications	2 or 3		
Program Requirement	MFG*150: Introduction to Machine Technology	4		
Program Requirement	GEO*, POL*, HIS* Elective	3		
<b>Second Semester (Spring) – 16 or 17 credits</b>				
Program Requirement	CAD*110 Introduction to CAD <b>OR</b> CAD*220 Parametric Design	3		
Gen Ed: Scientific Knowledge & Understanding	CHE*111: Concepts of Chemistry <b>OR</b> CHE*121 General Chemistry I	4		
Program Requirement	MFG*202 Precision Machining <b>OR</b> MFG*165 Intermediate Machine Technology	3		
Program Requirement	MFG*203 Precision Machining Lab <i>Not required if student is co-enrolled in, or has completed, MFG*165</i>	1		
Gen Ed: Oral Communication	COM*173: Public Speaking	3		
Gen Ed: Economics (ECN*) Elective		3		
<b>Third Semester (Fall) – 17 credits</b>				
Gen Ed: Written Communication	ENG*202 Technical Writing	3		
Gen Ed: Quantitative Reasoning	MAT*167: Principles of Statistics	4		
Gen Ed: Scientific Reasoning	PHY*111: Introductory Physics <b>OR</b> PHY*121: General Physics	4		
Program Requirement	MFG*168: CNC I	3		
Program Requirement	MFG*239: Geometric Dimensioning & Tolerancing	3		
<b>Fourth Semester (Spring) – 18 or 19 credits</b>				
Gen Ed: Aesthetic Dimension		3		
Program Requirement	QUA*114: Principles of Quality Assurance	3		
Program Requirement	MFG*105: Manufacturing Math I <b>OR</b> MAT*186: Pre-Calculus	3 or 4		
Gen Ed: Social Phenomena		3		
Program Requirement	MFG*256 Manufacturing Machinery CNC II	3		
Program Requirement: Philosophy (PHL*) Elective				
<b>TOTAL CREDITS</b>		<b>66-69</b>		

MIDDLESEX COMMUNITY COLLEGE

Deadline to Apply:

**GRADUATION CHECKLIST**

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

Fall: November 12, 2018

**2018-2019**

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

Spring/Summer: April 15, 2019

**Technology Studies: Manufacturing Machine Technology  
Associate in Science Degree  
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\_\_\_\_\_  
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