



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

**2019-20
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
First Semester (Fall) – 16 credits				
Gen Ed: Written Communication	ENG*101 (or ENG*101E): Composition	3		
Gen Ed: Historical Knowledge		3		
Program Requirement	EGR*112 Engineering Drawings Specifications	3		
Program Requirement	MFG*150 Introduction to Machine Technology	4		
Program Requirement	GEO*, POL*, HIS* Elective	3		
Second Semester (Spring) – 17 credits				
Program Requirement	CAD*110: Introduction to CAD OR CAD*220: Parametric Design	3		
Gen Ed: Scientific Reasoning	CHE*121: General Chemistry I	4		
Program Requirement	MFG*202: Precision Machining OR 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: ECN* Elective		3		
Third Semester (Fall) – 17 credits				
Gen Ed: Oral Communication	ENG*202: Technical Writing	3		
Gen Ed: Quantitative Reasoning	MAT*254: Calculus I	4		
Gen Ed: Scientific Reasoning	PHY*121: General Physics OR PHY*221: Calculus Based Physics	4		
Program Requirement	MFG*168: CNC I	3		
Program Requirement	MFG*239: Geometric Dimensioning & Tolerancing	3		
Fourth Semester (Spring) – 16 credits				
Gen Ed: Aesthetic Dimension		3		
Program Requirement	EGR*211: Applied Mechanics (Statics)	3		
Program Requirement	MAT*256: Calculus II	4		
Program Requirement	MFG*256: Manufacturing Machinery CNC II	3		
Gen Ed: Social Phenomena		3		
TOTAL CREDITS		66		
*MxCC does not offer this course. Please see your advisor in order to discuss taking this course at an alternate location.				

MIDDLESEX COMMUNITY COLLEGE

Deadline to Apply:

GRADUATION CHECKLIST

Graduation Year: 20_____

Fall: December 13, 2019

2019-2020

Year of Catalog being used _____

Spring/Summer: April 15, 2020

**Technology Studies: Manufacturing Engineering Technology
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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