



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

2021/2022
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	Prerequisite(s)	Cr	Grade	Semester Taken
First Semester (Fall) – 16 credits					
Gen Ed: Written Communication	ENG*101 (or ENG*101E): Composition	Placement and/or See course description	3		
Gen Ed: Historical Knowledge		See course description	3		
Program Requirement	EGR*112 Engineering Drawings Specifications	No Prerequisites	3		
Program Requirement	MFG*150 Introduction to Machine Technology	No Prerequisites	4		
Program Requirement	GEO*, POL*, HIS* Elective	See course description	3		
Second Semester (Spring) – 17 credits					
Program Requirement	Choose one from the following: <input type="radio"/> CAD*110: Introduction to CAD <input type="radio"/> CAD*220: Parametric Design	See course description	3		
Gen Ed: Scientific Reasoning	CHE*121: General Chemistry I	<u> </u> MAT*137E or MAT*137 with a grade of "C-" or better, eligible for ENG*101, and one of the following: either High School Chemistry or CHE*101 or CHE*111.	4		
Program Requirement	Choose one from the following: <input type="radio"/> MFG*202: Precision Machining <input type="radio"/> MFG*165: Intermediate Machine Technology*	Co-requisite: MFG*203.	3		
Program Requirement	MFG*203: Precision Machining Lab <i>Not required if student is co-enrolled in, or has completed, MFG*165</i>	Completion of MFG*103 and MFG*102 co-requisite with a grade of C- or better	1		
Gen Ed: Oral Communication	COM*173: Public Speaking	Completion of either ENG*101ALP, ENG*101E, or ENG*101	3		
Gen Ed: ECN* Elective		See course description	3		
Third Semester (Fall) – 17 credits					
Gen Ed: Oral Communication	ENG*202: Technical Writing	Completion of either ENG*101ALP, ENG*101E, or ENG*101	3		
Gen Ed: Quantitative Reasoning	MAT*254: Calculus I	Eligible for either ENG*101E or ENG*101 and MAT*186 with a grade of "C" or better OR eligible for either ENG*101E or ENG*101 and Math placement.	4		
Gen Ed: Scientific Reasoning	Choose one from the following: <input type="radio"/> PHY*121: General Physics <input type="radio"/> PHY*221: Calculus Based Physics	See course description	4		
Program Requirement	MFG*168: CNC I	Placement in ENG*063/101E or higher or enrollment in ENG*096.	3		
Program Requirement	MFG*239: Geometric Dimensioning & Tolerancing	See course description	3		
Fourth Semester (Spring) – 16 credits					
Gen Ed: Aesthetic Dimensions		See course description	3		
Gen Ed: Social Phenomena I		See course description	3		
Program Requirement	EGR*211: Applied Mechanics (Statics)	Prerequisite/Co-requisite: MAT*256.	3		
Program Requirement	MAT*256: Calculus II	Eligible for ENG*101 or ENG*101E and MAT*254 with a grade of "C" or better	4		
Program Requirement	MFG*256: Manufacturing Machinery CNC II	MFG156 with a grade of "C-" or better.	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.					

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Tech Associate in Science Degree
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Program**



Deadline to Apply:

GRADUATION CHECKLIST

Graduation Year: 20 _____

Fall: December 1st

2021-2022

Year of Catalog being used _____

Spring/Summer: April 15th

NAME (First Name, Middle Initial/Name is optional, Last Name) @ _____
BANNER ID

STREET ADDRESS TOWN ZIP PHONE#

Please note: All graduation correspondence will be sent to your college assigned email.

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 Enrollment Services Office if you do not wish your information to be printed or announced.

Other college transfer credits to be used? Yes No

From which college? _____

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

Minimum Required GPA for Graduation is 2.0 Current GPA: _____

ADVISOR'S SIGNATURE* & DATE

STUDENT'S SIGNATURE* & DATE

**Typed name is acceptable for signature.*

Electronic Submissions: This form must be submitted to MX-Registrar@mxcc.edu from student's official college email address.