

Student Name: (First, Last):		Student EMPL #:		Date:
Total Units: 98	Total Cost: www.cptc.edu/feelists	Target Start Date:	Target Grad. Date:	Staff Initials:

Important Information For Educational Planning				
<ul style="list-style-type: none"> ▪ Program Starts: Fall, Winter, Spring and Summer terms ▪ This Degree could lead to a BAS degree at CPTC. 				

Program Courses				Units	Status	Total Term Units
Term 1	MET 111 Systems Approach (or MEC 201)	5		18		
	MET 112 CAD/DFM (CL) (or MEC 120)	5				
	MET 113 Total Mechatronics (or MEC 202)	5				
	COLL 102 College Success for All	3				
Term 2	MET 121 Manual Machining	5		20		
	MET 122 Applied Statics & Strengths of Materials	5				
	MET 123 2D Cutting CAD/CAM/CNC	5				
	ENGL& 101 English Composition I	5				
Term 3	MET 131 CAD/CAM/CNC Mills	5		18		
	MET 132 Lean Manufacturing (or MEC 132)	5				
	MET 133 Fixturing & Workflows	3				
	PSYC& 100 General Psychology or SOC& 101 Intro to Sociology or PSY 112 Psychology of the Workplace	5				
Term 4	MET 141 CAD/CAM/CNC Lathes	5		18		
	MET 142 Robotics (or MEC 165)	5				
	MET 143 Programming & Macros	3				
	MAT 105 Math for Industrial Professionals or any 100-level math class (pre-req MAT 092 or equivalent)	5				
Term 5	MET 211 ^{CAP} Multi-Axis CAD/CAM/CNC	5		13		
	MET 212 Additive Manufacturing	5				
	MET 213 Generative Design	3				
Term 6	MET 221 Industrial Survey	5		18		
	MET 222 ^{CAP} Internship	5				
	MET 223 Production Supervisor	3				
	MET 298 Creative Engineering Lab- <i>Optional</i>	5				

Math	Student Placement
Adult Basic Education (ABE Math) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	<input type="checkbox"/>
MAT 105/MATSI 105 Math for Industrial Professionals w/ supplemental Instruction or MAT 103/MATSI 103 Business Math w/supplemental Instruction (8 Units)	<input type="checkbox"/>
Stand Alone: MAT 105 Business Math or any 100-level Math (5 Units)	<input type="checkbox"/>

English	Student Placement
Adult Basic Education (ABE English) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	<input type="checkbox"/>
ENGL& 101/ENSI 101 English Composition w/ supplemental Instruction (8 Units)	<input type="checkbox"/>
Stand Alone (choose one): ENGL& 101 English Composition (5 Units)	<input type="checkbox"/>



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School of Advanced Manufacturing

Manufacturing Engineering Technologies
Associate of Applied Technology (AAT) Degree Program Map 2023-2024

Individualized Program Map

Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:

Program Instructor: Nathan Baker **email:** nathan.baker@cptc.edu

Program Counselor: Taylor McGovern **email:** taylor.mcgovern@cptc.edu

Transferring Course Work into CPTC: www.cptc.edu/transfer-to **Email Contact** evaluator@cptc.edu

Graduation Application: www.cptc.edu/enrollment-services >Transcripts & Graduation >Degree/Certificate Application. Graduation Ceremony Information (Commencement) > Graduation Info

Career Outlook sites: www.onetonline.org www.worksourcewa.com

Notes:

**Please check in periodically with Advising and Counseling regarding any potential changes to program course requirements*