

Student Name: (First, Last)		Student EMPL #:		Date:
<b>Total Units:</b> 90	<b>Total Cost:</b> <a href="http://www.cptc.edu/feelists">www.cptc.edu/feelists</a>	<b>Target Start Date:</b>	<b>Target Grad. Date:</b>	<b>Staff Initials:</b>

**Important Information For Educational Planning**

- **This Degree could lead to a BAS degree at CPTC.**
- **Program Starts:** Fall, Winter, Spring and Summer terms

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		
	<b>COLL 102 College Success for All</b>		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		
	<b>ENGL&amp; 101 English Composition I</b>		5		
Term 3	MET 131 CAD/CAM/CNC Mills		5		18
	MET 132 Lean Manufacturing (or MEC 132)		5		
	MET 133 Fixturing & Workflows		3		
	<b>PSYC&amp; 100 General Psychology or SOC&amp; 101 Intro to Sociology or PSY 112 Psychology of</b>		5		
Term 4	MET 141 CAD/CAM/CNC Lathes		5		18
	MET 142 Robotics (or MEC 165)		5		
	MET 143 Programming & Macros		3		
	<b>Math&amp; 141 Precalculus I</b>		5		
Term 5	MET 211 <sup>CAP</sup> Multi-Axis CAD/CAM/CNC		5		18
	MET 212 Additive Manufacturing		5		
	MET 213 Generative Design		3		
	<b>2<sup>nd</sup> Social Science, Science or Humanities</b>		5		

**Status Key:** X=Completed course, TR= Transferred course, IP= In Progress **Note:** Unit=Credit

**General Education Elective:** Social Science, Science or Humanities Options (choose one from the following):

ART& 100 -or- ASL& 121, ASL& 122, BIOL& 160, BIOL& 175, BIOL& 241, BIOL& 242 BIOL& 260, CHEM& 110, CHEM& 121, CHEM& 131, GEOL& 110, HIST& 137, HIST& 146, HIST& 147, HIST &148, HUM& 101, MATH& 107. MATH& 141, MATH& 142, MATH& 146, MATH& 151, MUSC& 105, PHYS& 114, PHYS& 221, POLS& 202, PSYC& 100, PSYC& 200, PSYC& 220, SOC& 101, or another transferable course.

Math	Student Placement
Adult Basic Education (ABE Math) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	<input type="checkbox"/>
<b>Stand Alone:</b> MATH& 141 Precalculus I (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"/>
<b>Stand Alone (choose one):</b> ENGL& 101 English Composition (5 Units)	<input type="checkbox"/>

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School of Advanced Manufacturing

Manufacturing Engineering Technologies  
**Associate of Applied Science-T (AAS-T) Degree Program Map 2022-2023**

**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](mailto:nathan.baker@cptc.edu)

**Program Counselor:** Taylor McGovern    **email:** [taylor.mcGovern@cptc.edu](mailto:taylor.mcGovern@cptc.edu)

**Transferring Course Work into CPTC:** [www.cptc.edu/transfer-to](http://www.cptc.edu/transfer-to)    **Email Contact** [evaluator@cptc.edu](mailto:evaluator@cptc.edu)

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

**Career Outlook sites:** [www.onetonline.org](http://www.onetonline.org)    [www.worksourcewa.com](http://www.worksourcewa.com)

**Notes:**

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