

Student Name: (First, Last)		Student EMPL #:		Date:
Total Units: 5-20	Total Cost: www.cptc.edu/feelists	Target Start Date:	Target Grad. Date:	Staff Initials:

Important Information For Educational Planning

- Prospective Flex 20 students must demonstrate current employment in a relevant field in industry, have 90 college credits, and complete a work-based learning agreement before admission to the program.
- **Program Starts:** Fall, Winter, Spring, and Summer terms with Instructor Permission

Program Courses		Units	Status	Total Term Units
Term 1	MEC Elective chosen from list below	5		10
	MEC Elective chosen from list below	5		
	Work-Based Learning Agreement			
Term 2	MEC Elective chosen from list below	5		10
	MEC Elective chosen from list below	5		
Elective Options	MEC 300 The Industrial Internet of Things	5		50
	MEC 310 Environmentally Sustainable Manufacturing	5		
	MEC 320 Fixtures and Workflow	5		
	MEC 361 Process Control	5		
	MEC 362 Advanced Sensors and Actuators	5		
	MEC 363 AI and Data Analytics	5		
	MEC 381 Automation Evaluation & Implementation	5		
	MEC 382 Machine Vision	5		
	MEC 383 Dynamics of Machinery and Kinematics	5		
	MEC 402 Robotic Integration	5		
MEC 403 Simulation, Emulation, and Digital Twins	5			

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

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: Jason Sawatzki email: jason.sawatzki@cptc.edu Program Instructor: Carl Wenggren email: carl.wenggren@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			
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School of Advanced Manufacturing

Mechatronics

Mechatronics (META) Flex 20 Certificate Program Map 2023-2024

Notes:

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