

Student Name: (First, Last)		Student EMPL #:		• Date:	
<b>Total Units:</b> 20	<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**

- The Mechatronics Flex 20 Certificate is a special type of program, called "Co-operative Certificate", in which employees can gain defined skills that help meet their professional talent needs by choosing the exact skillset desired in the form of variable college credit courses (5-20 credits). Employers may offer workers in a Co-Op Certificate Program release time (2 days a week) to attend class and engage in studies. Frequently, employers also help fund tuition and other expenses of participating workers. Degree program prerequisites are waived for certificate students. As such, prospective Flex 20 students must demonstrate current employment in a relevant field in industry and complete a work-based learning agreement before admission to the program.
- **Program Starts:** Fall, Winter, Spring, and Summer terms
- **Program class times:** Mon-Thur. 8:30am -4:00 specific course times may vary with this period.

Program Courses		Units	Status	Total Term Units
Term 1	MEC Elective chosen from list below	5		<b>10</b>
	MEC Elective chosen from list below	5		
	Work-Based Learning Agreement			
Term 2	MEC Elective chosen from list below	5		<b>10</b>
	MEC Elective chosen from list below	5		
Elective Options	MEC 115 DC Circuits	5		<b>40</b>
	MEC 116 AC Circuits	5		
	MEC 120 CAD I	5		
	MEC 132 Lean Manufacturing	5		
	MEC 140 Computer Programming and Logic	5		
	MEC 165 Robotics	5		
	MEC 230 Programmable Control of Fluid	5		
	MEC 235 Programmable Controls in Industrial Networks	5		
MEC 240 Motors, Drives,				

**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](mailto:jason.sawatzki@cptc.edu)

**Program Instructor:** Carl Wenngren **email:** [carl.wenngren@cptc.edu](mailto:carl.wenngren@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)



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School of Advanced Manufacturing

Mechatronics

**Mechatronics Flex 20 Certificate Program Map 2022-2023**

**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*