

Student Name: (First, Last)		Student EMPL #:		Date:
<b>Total Units:</b> 5-20	<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**

- 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

Program Courses		Units	Status	Total Term Units
<b>Term 1</b>	MEC Elective chosen from list below	5		<b>10</b>
	MEC Elective chosen from list below	5		
	Work-Based Learning Agreement			
<b>Term 2</b>	MEC Elective chosen from list below	5		<b>10</b>
	MEC Elective chosen from list below	5		
<b>Elective Options</b>	MEC 300 The Industrial Internet of Things	5		<b>50</b>
	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:

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<b>Program Instructor:</b> Jason Sawatzki    email: <a href="mailto:jason.sawatzki@cptc.edu">jason.sawatzki@cptc.edu</a>
<b>Program Instructor:</b> Carl Wenggren    email: <a href="mailto:carl.wenggren@cptc.edu">carl.wenggren@cptc.edu</a>
<b>Program Counselor:</b> Taylor McGovern    email: <a href="mailto:taylor.mcgovern@cptc.edu">taylor.mcgovern@cptc.edu</a>
<b>Transferring Course Work into CPTC:</b> <a href="http://www.cptc.edu/transfer-to">www.cptc.edu/transfer-to</a> Email Contact <a href="mailto:evaluator@cptc.edu">evaluator@cptc.edu</a>
<b>Graduation Application:</b> <a href="http://www.cptc.edu/enrollment-services">www.cptc.edu/enrollment-services</a> >Transcripts & Graduation >Degree/Certificate Application.    Graduation Ceremony Information (Commencement) > Graduation Info



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School of Advanced Manufacturing

Mechatronics

**Mechatronics (META) Flex 20 Certificate Program Map 2022-2023**

**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*