

**CLOVER PARK TECHNICAL COLLEGE**

**PROGRAM MAP**

<b>SCHOOL OF Advanced Manufacturing</b>	Mechatronics Mechatronics Flex 20 Certificate	<b>Degree Total Credits</b> <b>20</b>	<b>Targeted Start Date</b>
		<b>Total Cost</b> Tuition & Fees	<b>Expected Graduation Date</b>

STUDENT NAME/SID	
ENTRY COORDINATOR	
FACULTY NAME	Jason Sawatzki or Carl Wenngren
CONTACT INFO	jason.sawatzki@cptc.edu or carl.wenngren@cptc.edu
PROGRAM COUNSELOR	Taylor McGovern
CONTACT INFO	<a href="mailto:taylor.mcgovern@cptc.edu">taylor.mcgovern@cptc.edu</a>
PROGRAM START QUARTER	Every Quarter

Important Program Information
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 META 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.

Quarter 1		
Course Number	Course Title	CR
MEC Elective chosen from list on the right		5
MEC Elective chosen from list on the right		5
Work-Based Learning Agreement		
<b>Total Credits</b>		<b>10</b>

Quarter 2		
Course Number	Course Title	CR
MEC Elective chosen from list on the right		5
MEC Elective chosen from list on the right		5
<b>Total Credits</b>		<b>10</b>

Mechatronics Elective Option		
Course Number	Course Title	CR
MEC 300	The Industrial Internet of Things	5
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 & Implimentation	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

Advising Notes

Next Steps (Transcripts & Graduation)
<a href="#">Apply for Graduation</a>
<a href="#">Apply for Sealed Official Transcript</a>