## Mechatronics Flex 20 Certificate

Program Start: Fall, Winter, Spring Program Length: Varies based on Co-operative Prerequisites: Yes Total College Credits: 5-20

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. Students are encouraged to check with the RS counselor for more information about program requirements.

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| High School | College |
| Core Science Credit | DC Circuits – MEC 115 (5 credits) AC Circuits – MEC 116 (5 credits) Robotics – MEC 165 (5 Credits)Programmable Control of Fluid Power – MEC 230 (5 Credits) Programmable Controls in Industrial Networks – MEC 235 (5 Credits)Motors, Drives & Mechanical Transfer Systems – MEC 240 (5 Credits) |
| Core Art Credit | Computer Aided Design I– MEC 120 (5 credits) |
| CTE Credits/Optional Elective | Lean Manufacturing – MEC 132 (5 credits)Computer Programming and Logic – MEC 140CL (5 Credits) |