

MECHATRONICS

What is mechatronics?

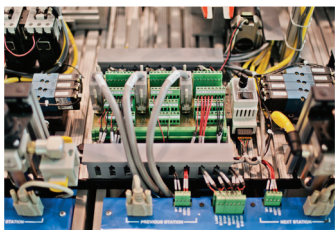
Mechatronics has transformed modern manufacturing. This design process combines

multiple engineering principles to develop innovative solutions. An industrial robot is a mechatronics system that uses electronics, mechanics, and computing to do its day-to-day tasks. Employers need technicians who can keep those systems running smoothly. Students in this program get to push the limits of technology in robotics, electrical components, hydraulics and more. Classroom instruction, hands-on activities and industry visits prepare our student's for today's workforce and tomorrow's opportunities.



Job Outlook

This field is expanding rapidly. A certificate, typically completed in a year, prepares graduates for operations technician and other careers. Wages vary by area of specialization.



classes offered

FALL SEMESTER

| | | |
|---------|--|---|
| MES 110 | Mechatronic Systems Electrical Components | 4 |
| MES 120 | Mechatronic Systems Mechanical Components | 4 |

SPRING SEMESTER

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| MES 130 | Mechatronic Systems Hydraulic/Pneumatic Components | 4 |
| MES 150 | Mechatronics Systems Programmable Controllers | 4 |
| | Total Credit Hours | 16 |

For more information contact
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