

CERTIFICATES OF ACHIEVEMENT

MECHATRONICS TECHNOLOGY

The Mechatronics Certificate of Achievement expands on the electrical and mechanical skills in the foundational courses and/or field experience to develop further proficiency in Industry 4.0 processes.

Required Courses

Total Requirements		30 Units
Program Requirements		18 Units
MPT 111	Fundamentals of Manufacturing and Automation I	3
MPT 112	Fundamentals of Manufacturing and Automation II	3
MPT 160	Mechanical Drive Systems I	3
ELM 127	Introduction to AC Controls	3
ELM 134	Programmable Logic Controllers I	3
OSH 222	General Industry Safety	1
AIT, ELM, ENGR, ET, MPT, MT		units vary
General Education Requirements		12 Units
English/Communications Requirement: <i>Must include a writing course</i>		6
Human Relations Requirement		3
Mathematics Requirement		3

Suggested Course Sequence

First Semester	Units	Second Semester	Units
MPT 111	3	MIK	