

# Mechatronics Engineering Technology

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## Mechatronics Engineering Technology Certificates (C40350)

- Mechatronics Engineering Technology Certificate Specialization in Mechatronics Engineering Pathway (C40350-C5) (p. 1)
- Mechatronics Engineering Technology Certificate Specialization in Industrial Automation Technician I (C40350-C7) (p. 1)
- Mechatronics Engineering Technology Certificate Specialization in Industrial Automation Technician II (C40350-C8) (p. 1)

### Mechatronics Engineering Technology Certificate Specialization in Mechatronics Engineering Technology Pathway (C40350-C5)

This certificate is available to high school students enrolled in Career and College Promise.

#### Major Requirements

MAT 121	Algebra/Trigonometry I	3.0
EGR 125	Applications Software for Tech	2.0
ISC 112	Industrial Safety	2.0
ELC 131	Circuit Analysis I	4.0
DFT 154	Introduction to Solid Modeling	3.0
<b>Total Credits</b>		<b>14</b>

### Mechatronics Engineering Technology Certificate Specialization in Industrial Automation Technician I (C40350-C7)

#### Major Requirements:

ELC 213	Instrumentation	4.0
ISC 112	Industrial Safety	2.0
ELC 131	Circuit Analysis I	4.0
MEC 111	Machine Processes I	3.0
MEC 130	Mechanisms	3.0
<b>Total Credits</b>		<b>16</b>

### Mechatronics Engineering Technology Certificate Specialization in Industrial Automation Technician II (C40350-C8)

#### Major Requirements

ELC 135	Electrical Machines	3.0
ELN 260	Programmable Logic Controllers	4.0
ELC 136	Electrical Machines II	4.0
PCI 173	Programmable Systems	4.0
<b>Total Credits</b>		<b>15</b>