

Mechatronics Engineering Technology (D40350)

Degree Type

Diploma

Credential Number

D40350

General Education Requirements

Communication

Take 3 credits from

Item #	Title	Credits
ENG 111	Writing and Inquiry	3

Natural Science/Math

Take 4 credits from

Item #	Title	Credits
MAT 171	Precalculus Algebra	4

Major Requirements

Required Courses

Take 23 credits from

Item #	Title	Credits
ATR 112	Intro to Automation	3
CIS 110	Introduction to Computers	3
ELC 131	Circuit Analysis I	4
ELC 213	Instrumentation	4
HYD 110	Hydraulics/Pneumatics I	3
ISC 112	Industrial Safety	2
PHY 151	College Physics I	4

Other Major Requirements

Take 10 credits from

Item #	Title	Credits
ATR 115	Introduction to Mechatronics	4
ELC 120	Intro to Wiring	3
PTE 114	Pathway to Employ-Egr Tech	3

Course Sequencing

1st Semester (Fall)

Item #	Title	Credits
CIS 110	Introduction to Computers	3
ELC 120	Intro to Wiring	3
ELC 213	Instrumentation	4
PTE 114	Pathway to Employ-Egr Tech	3

2nd Semester (Spring)

Item #	Title	Credits
ATR 112	Intro to Automation	3
ATR 115	Introduction to Mechatronics	4
HYD 110	Hydraulics/Pneumatics I	3
ISC 112	Industrial Safety	2
MAT 171	Precalculus Algebra	4

3rd Semester (Summer)

Item #	Title	Credits
ENG 111	Writing and Inquiry	3
PHY 151	College Physics I	4

4th Semester (Fall)

Item #	Title	Credits
ELC 131	Circuit Analysis I	4
Total Credits		40