

# Mechatronics Engineering Technology (D40350)

## Diploma Program Guide

**Program Notes:** Credit for prior learning may be available for some courses.

**Program Options:** Mechatronics offers an associate degree (A40350), diploma (D40350), and certificate (C40350).

**Financial Aid Eligibility:** Yes

Course #	Course Name	Credit Hrs.	Term Offered	Term Completed	Grade
<b>Fall Semester</b>					
<b>MAT 171</b>	Precalculus Algebra	4	F, S, SU		
<b>ENG 111</b>	Writing and Inquiry	3	F, S, SU		
<b>MNT 110</b>	Intro. to Maintenance	2	F		
<b>ATR 112</b>	Intro. to Automation	3	F		
<b>CIS 110</b>	Intro. to Computers	3	F, S, SU		
<b>Semester Totals:</b>		<b>15</b>			
<b>Spring Semester</b>					
<b>PHY 151</b>	College Physics I	4	F, S*		
<b>ELC 112</b>	DC/AC Electricity	5	S		
<b>HYD 110</b>	Hydraulics	3	S		
<b>MEC 130</b>	Mechanisms	3	S		
<b>Semester Totals:</b>		<b>15</b>			
<b>Summer Semester</b>					
<b>ELC 117</b>	Motors and Controls	4	SU		
<b>Semester Totals:</b>		<b>4</b>			
<b>Fall Semester</b>					
<b>ELC 128</b>	Intro to PLC's	3	F		
<b>ELC 213</b>	Instrumentation	4	F		
<b>ISC 112</b>	Industrial Safety	2	F		
<b>BPR 111</b>	Blueprint Reading				
<b>OR</b>	OR	2	F		
<b>BPR 115</b>	ELC/ Fluid Power Diagrams				
<b>ISC 170</b>	Problem Solving	3	F		
<b>Semester Totals:</b>		<b>14</b>			
<b>Program Totals:</b>		<b>48</b>			

\* Offered Fall & Spring 2023-24. After this academic year, course will be offered Spring only.