

**Electro-Mechanical Technology Certificate | 42 Credits**
**Program Prerequisites:**

- MTH 65 Beginning Algebra (4 credits) completed with a “B” or better, or equivalent placement
- IRW 115 Critical Reading and Writing (5 credits) or WR 115 Introduction to Expository Writing (4 credits) or equivalent placement

**Coursework:**

Course Number	Course Title	Prerequisites	Credits
<b>Fall</b>			<b>15</b>
EET 111	Electrical Circuit Analysis 1	MTH 65 (with “B” or better), IRW 115 or WR 115, or place	5
MEC 123	Industrial Mechanical Systems	IRW 115 or WR 115 or place; place into MTH 65 or MTH 98	5
SAF 188	Industrial Safety and OSHA 10	none	1
WR 121 or WR 121Z	Composition I	IRW 115 or WR 115 or place	4
<b>Winter</b>			<b>14</b>
EET 112	Electrical Circuit Analysis 2	EET 111	5
EET 180	Industrial Computing	MTH 65 or place	3
MEC 120	Hydraulics and Pneumatics	MTH 65 or place	5
CG 209	Job Finding Skills	none	1
<b>Spring</b>			<b>13</b>
EET 113	Electrical Circuit Analysis 3	EET 112 or dept approval	5
EET 141	Motor Control	EET 112	5
MEC 124	Mechatronic Systems in Advanced Manufacturing	IRW 115 or WR 115, MTH 65, or place	3
<b>Total Quarter Credits</b>			<b>42</b>