

## APPLIED ENGINEERING TECHNOLOGY

### Diploma Program (D40130)

#### Suggested Sequence of Courses

Prefix	Course Title	Class	Lab	Clinic	Work	Credit
<b>FALL SEMESTER 1</b>						
ACA 115	Success and Study Skills	0	2	0	0	1
CIS 110	Introduction to Computers	2	2	0	0	3
ELC 112	DC/AC Electricity	3	6	0	0	5
ELC 113	Residential Wiring	2	6	0	0	4
ELC 127	Software for Technicians	1	3	0	0	2
ISC 112	Industrial Safety	2	0	0	0	2
MEC 111	Machine Processes I	1	4	0	0	3
<b>TOTALS</b>		<b>11</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>20</b>

### SPRING SEMESTER 1

ENG 110	Freshman Composition	3	0	0	0	3
ELC 117	Motors and Controls	2	6	0	0	4
ELC 128	Introduction to PLC	2	3	0	0	3
HYD 110	Hydraulics and Pneumatics	2	3	0	0	3
MEC 110	Intro to CAD/CAM	1	2	0	0	2
	Behavioral/Social Sciences Elective	3	0	0	0	3
<b>TOTALS</b>		<b>13</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>18</b>

**DIPLOMA TOTAL** **38**

## APPLIED ENGINEERING TECHNOLOGY

### Certificate Program (C40130)

#### Suggested Sequence of Courses

Prefix	Course Title	Class	Lab	Clinic	Work	Credit
ELC 117	Motors and Controls	2	6	0	0	4
HYD 110	Hydraulics and Pneumatics	2	3	0	0	3
ISC 112	Industrial Safety	2	0	0	0	2
MEC 110	Intro to CAD/CAM	1	2	0	0	2
MEC 111	Machine Processes I	1	4	0	0	3
<b>TOTALS</b>		<b>8</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>14</b>

**CERTIFICATE TOTAL** **14**

## APPLIED ENGINEERING TECHNOLOGY

### Electrical Certificate Program (C40130A)

#### Suggested Sequence of Courses

Prefix	Course Title	Class	Lab	Clinic	Work	Credit
CIS 110	Introduction to Computers	2	2	0	0	3
ELC 112	DC/AC Electricity	3	6	0	0	5
ELC 113	Residential Wiring	2	6	0	0	4
<b>TOTALS</b>		<b>7</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>12</b>

**CERTIFICATE TOTAL** **12**