

# Electrical Systems Technology

Diploma - D35130

Ryal Watkins, Division Chair

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TOTAL HOURS FOR CREDENTIAL				
Class	Lab	Clinic	Work	Credit
24	38	0	0	38

## Fall I

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ACA 115 <b>OR</b>	Success and Study Skills <b>OR</b>							
ACA 122	College Transfer Success			0	2	0	0	1
ELC 112	DC/AC Electricity			3	6	0	0	5
ELC 113	Residential Wiring			2	6	0	0	4
ELC 118	National Electrical Code			1	2	0	0	2
ELC 125	Diagrams and Schematics			1	2	0	0	2
ISC 112	Industrial Safety			2	0	0	0	2
<b>Semester Totals:</b>				<b>9</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>16</b>

## Spring I

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ELC 114	Commercial Wiring			2	6	0	0	4
ELC 117	Motors and Controls			2	6	0	0	4
ELC 119	NEC Calculations			1	2	0	0	2
ELC 128	Introduction to PLC			2	3	0	0	3
HYD 110	Hydraulics/Pneumatics I			2	3	0	0	3
<b>Semester Totals:</b>				<b>9</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>16</b>

## Summer I

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ENG 110 <b>OR</b>	Freshman Composition <b>OR</b>							
ENG 111	Writing & Inquiry	See Catalog		3	0	0	0	3
	General Education Requirement			3	0	0	0	3
<b>Semester Totals:</b>				<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>

## Fall II

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
<b>Semester Totals:</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Spring II

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
<b>Semester Totals:</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### Other Course Information (if applicable)

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