



# LEARNING AND CAREER PATHWAY

## Electrical Technology

### Associate in Science (AS) Degree and Certificates

#### Placement

Enrollment in college level English and Mathematics courses requires appropriate placement as defined by AB705. All students should see a counselor for a customized Student Education Plan (SEP) before enrolling in college courses. The SEP provides students with individually appropriate course recommendations and accounts for course prerequisite sequencing.

#### Transfer Preparation

Associate degrees require the completion of certain general education courses. Transfer programs may require the completion of additional coursework depending on the institution. It is advisable to meet with an academic counselor for more information.

#### Associate Degree Course Sequence

The schedule below is based on a fall semester start and completion of appropriate prerequisites.

<b>Fall 1<sup>st</sup> Semester</b>	BLDC 101	ELTR 120	EWIR 110	MATH 091	PE Activity	
Units (17)	3	4	4	5	1	
IVC GE Req	I	I	I	IVA	IIIC	
CSU GE-B Req						
IGETC Req						
<b>Spring 2<sup>nd</sup> Semester</b>	ELTR 140	ENGL 110	Communication & Analytical Thinking	HIST 120 or 121	PE 100	
Units (16)	4	4	3	3	2	
IVC GE Req	I	IVB + VA1	VA2	IIIA	IIIC	
CSU GE-B Req						
IGETC Req						
<b>Fall 3<sup>rd</sup> Semester</b>	EWIR 115	WE 201	Natural Science	HE 102	POLS 102	
Units (14)	4	1	3	3	3	
IVC GE Req	I	I	VB	IIIB	IIIA	
CSU GE-B Req						
IGETC Req						
<b>Spring 4<sup>th</sup> Semester</b>	Humanities	Social & Behavioral Science	Elective	Elective needed to reach 60 units		
Units (13)	3	3	3	4		
IVC GE Req	VC	VD	VE	VE		
CSU GE-B Req						
IGETC Req						

Total Units: 60

### Certificate Course Sequence

The schedule below is based on a fall semester start and completion of appropriate prerequisites.

<b>Fall 1<sup>st</sup> Semester</b>	EWIR 110	ELTR 120	EWIR 115		
Units (12)	4	4	4		
<b>Spring 2<sup>nd</sup> Semester</b>	ELTR 140	BLDC 101	WE 201		
Units (8)	4	3	1		

Total Units: 20

### Specialization Certificate Course Sequence

Specialization Certificate(s) demonstrate a completion of coursework in addition to the major in Building Construction Technology.

#### Electrical Wiring Specialization

<b>Fall 1<sup>st</sup> Semester</b>	EWIR 125	WE 220		20 Major Units + 9 Specialization Units = 29 Units
Units (5)	4	1		
<b>Spring 2<sup>nd</sup> Semester</b>	EWIR 135			
Units (4)	4			

#### Carpentry Specialization

<b>Fall 1<sup>st</sup> Semester</b>	ELTR 220	WE 220		20 Major Units + 7 Specialization Units = 27 Units
Units (4)	4	1		
<b>Spring 2<sup>nd</sup> Semester</b>	ELTR 240			
Units (3)	3			