



## Associate of Applied Science ELECTRICAL TECHNOLOGY

This program prepares you for the more technical aspects of the electrician's trade with emphasis on jobs available in the government sector.

GENERAL EDUCATION (22 crs)	COMPLETED	Planned Timeline (By Semester)
<b><u>Communications (9 crs)</u></b>		
ENG 111 English Composition I (3) <i>Pre-requisites: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____
ENG 116 Technical Writing (3) <i>Pre-requisite: ENG 111</i>	_____	_____
SPCH 130 Public Speaking I (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____
<b><u>Math/Computers/Laboratory Sciences (7 crs)</u></b>		
BCIS 102 Computer Literacy (3)	_____	_____
MATH 130 Intermediate Algebra (4) <i>Pre-requisite: MATH 102 or adequate score on the Course Placement Evaluation</i>	_____	_____
<b><u>Social/Behavioral Science (3 crs)</u></b>		
Choose from the following discipline areas: Anthropology, Economics, Geography, Political Science Psychology, or Sociology		
Elective (3) _____ <i>Pre-rerequisite: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____
<b><u>Humanities and Fine Arts (3 crs)</u></b>		
Choose from the following discipline areas: Art (theory only), History, Humanities, Literature, Music (theory only) Philosophy, or Theatre (theory only)		
Elective (3) _____ <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____
<b>HEALTH, PHYSICAL EDUCATION &amp; RECREATION (1 CR)</b>		
Elective (1) _____	_____	_____
<b>PROGRAM REQUIREMENTS (42 crs)</b>		
BA 240 Principles of Management (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____
CONS 207 Construction Materials and Estimating (3) <i>Pre-requisites: ENG 108, MATH 100, and CS 102 or permission of instructor</i>	_____	_____
ELEC 110 Introduction to Solar Electricity (1)	_____	_____
ELEC 110L Introduction to Solar Electricity Laba (2)	_____	_____
ELEC 140 Introduction to Electrical Theory I (3)	_____	_____
ELEC 141 Introduction to Electrical Code I (3)	_____	_____
ELEC 142L Residential Wiring Lab (6)	_____	_____
ELEC 150 Electrical Theory II (3)	_____	_____
ELEC 151 Electrical Code II (3)	_____	_____
ELEC 152L Commercial Wiring Lab (6)	_____	_____
ELEC 160 Motor Controls (3) <i>Co-requisite: ELEC 160L</i>	_____	_____
ELEC 160L Motor Controls Lab (3) <i>Co-requisite: ELEC 160</i>	_____	_____
Elective (3) _____	_____	_____

**TOTAL CREDIT HOURS 65**

# Educational Planning Form (Semester)

Name \_\_\_\_\_ Date \_\_\_\_\_

Major \_\_\_\_\_ Student ID \_\_\_\_\_

<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>
<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>
<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>

**Advisor's Signature** \_\_\_\_\_

**Student Signature** \_\_\_\_\_