

**CERTIFICATE OF ACHIEVEMENT**

This Certificate of Achievement prepares electrician students for a career in photovoltaic installation and maintenance. The course work is provided in the classroom, in the field (hands-on) and in the lab.

**STUDENT LEARNING OUTCOMES - *Graduates of this program will have the opportunity to:***

- Comprehend and utilize applicable electrical tools.
- Comprehend and utilize formulas used in the calculation of phases of electrical work.
- Comprehend the equipment necessary for an given residential, commercial or industrial electrical situation.
- Comprehend and utilize photovoltaic systems.
- Comprehend and be able to troubleshoot and repair an problems that arise in a photovoltaic system.

**GENERAL EDUCATION REQUIREMENTS (3 Credits):**

	CR	SEMESTER
<b>COMMUNICATIONS:</b>	3-5	_____
BUS 108, COM 101, 102, 215, ENG 100, 101, 102, 107, 113, 114, 205, JOUR 102, THTR 105		

**SPECIAL PROGRAM REQUIREMENTS (28 Credits):**

	CR	SEMESTER
<b>BTE 101B</b> Building Trades Electrical - Level I	5	_____
<b>BTE 102B</b> Building Trades Electrical - Level II	5	_____
<b>BTE 103B</b> Building Trades Electrical - Level III	5	_____
<b>BTE 104B</b> Building Trades Electrical - Level IV	5	_____
<b>BTE 115B</b> Photovoltaic Fundamentals & Methods	7	_____
<b>CONS 105B</b> Construction OSHA Standards	1	_____

Computation included in BTE 101B  
Human Relations included in BTE 104B

**31**  
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.