

Advanced Certificate in Building Construction Technologies (ACRTC-EL)

Option: Electrical

This certificate provides advanced skill levels found in the entry-level technician/journey worker levels of the electrical trade. Applicants with this level of skill can expect to enter the work force at an intermediate pay scale with rapid advancement, based on demonstrated skills required in electrical. This level of employment requires good basic reading, writing, math, and electrical skills. In addition, it requires good work habits and the ability to follow instructions from supervisors to be successful in the workplace. The coursework is based on the NCCER curriculum in electrical. Students who complete the Advanced Certificate can progress to the Associate of Applied Science degree. A portion of these courses will transfer toward a Bachelor of Applied Science (BAS) degree program at Arizona public universities.

Section I – General Education Requirements		
Fulfill Requirements	Course	Credits Required
Tohono O’odham Himdag	HIS 122 Tohono O’odham History and Culture	3
	THO 101 Elementary Tohono O’odham	4
TOTAL CREDITS - GENERAL EDUCATION		7
Section II. Core Requirements		
Fulfill Requirements	Course	Credits Required
Core Requirements	BCT 120H Introductory Craft Skills	6
	BCT 101H Computer Literacy for Construction	1
TOTAL CREDITS - CORE REQUIREMENTS		7
Section III. Electrical Concentration		
Fulfill Requirements	Course	Credits Required
Concentration	BCT 171H Introduction to the Electrical Profession	6
	BCT 172H Electrical I	6
	BCT 173H Electrical II	6
	BCT 174H Electrical III	6
	BCT 271H Electrical IV	6
	BCT 272H Electrical V	6
	BCT 273H Electrical VI	6
	BCT 274H Electrical VII	6
TOTAL CREDITS - CONCENTRATION		48
TOTAL CREDIT HOURS		62