



# Tohono O'odham Community College



## Certificate in Solar Panel Installer

NAME:	TOCC ID:
TOCC EMAIL:	PHONE NUMBER:
TERM OF ADMISSION:	EXPECTED GRADUATION YEAR/TERM:
ACADEMIC ADVISOR:	FACULTY ADVISOR:

### General Education Courses:

COURSE PREFIX	COURSE NAME	REPLACEMENT COURSE	SEMESTER	YEAR	CREDITS	GRADE	MET
HIS 122	Tohono O'odham History and Culture						
THO 101	Elementary Tohono O'odham I						
<b>Total General Education Credits Needed: 7</b>				<b>Total Earned Credits:</b>			

### Core Requirements:

COURSE PREFIX	COURSE NAME	REPLACEMENT COURSE	SEMESTER	YEAR	CREDITS	GRADE	MET
BCT 120	Core Curriculum Introductory Craft Skills (6 cr)						
SLR 104	Basic Electricity (3 cr)						
SLR 106	AC/DC Circuits (4 cr)						
SLR 115	National Electrical Code (3 cr) (Prerequisite: BCT 120H)						
SLR 220	Electrical Installation (5 cr) (Prerequisite: SLR 110 and SLR 115)						
SLR 225	Load Calculation (3 cr)(Prerequisite: SLR 104 and SLR 106)						
SLR 105	Intro to Solar Photovoltaics I (3 cr)(Prerequisite: BCT 120H, SLR 104, SLR 115, and SLR 225)						
SLR 110	Intro to Solar Photovoltaics II (3 cr)(Prerequisite: SLR 105)						
SLR 119	Roofing Construction and Safety (2 cr) (Prerequisite: SLR 105)						
<b>Total Core Credits Needed: 32</b>				<b>Total Earned Credits:</b>			
<b>Total Program Credits Needed: 39</b>				<b>Total Earned Credits:</b>			

## Certificate in Solar Panel Installer

The Certificate in Solar Panel Installer is meant to provide entry level skills to start a career in Solar Panel Installation.

### Program Learning Outcomes:

Students successfully completing this program will be able to demonstrate proficiency in the following areas:

1. Know and understand Basic Electrical Theory
2. Be able to wire to proper electrical code requirements
3. Know proper safety procedures
4. Properly install solar panels and mounting
5. Know and understand proper panel positioning
6. Be able to tie into a commercial grid
7. Have the skills necessary to enter the workforce as an entry level solar panel installer

### Students:

You must secure official approval by your advisor(s) before submitting the **final** Program of Study. By signing or entering your name below, you agree to the following statement: "Students are responsible for complete knowledge of Academic Catalog requirements in their degree plan and for adhering to all policies in Academic Catalog and Student Handbook."

### Signature Panel:

Please indicate approval of the curriculum on the Program of Study by placing your signature (formal electronic signatures are permitted) in the space provided.

Student:	Date:
Academic Advisor:	Date:
Faculty Advisor:	Date:
Registrar:	Date:
Dean of Academics:	Date: