

SOLAR PHOTOVOLTAIC TECHNICIAN, CERTIFICATE

Solar Photovoltaic Technician, Certificate

Overview

The Solar Photovoltaic program combines lecture and hands on training to provide the skills necessary to install solar PV systems. Graduates will develop an understanding of where PV systems started, where they are now and where they will be in the future. Under minimal supervision graduates must be able to define the solar resource and complete a site assessment. They must also develop a comfort level with the capabilities, limitations, and basic construction of all major PV system pieces. Graduates must also be able to size systems to client's expectations, inspect, commission and maintain the systems.

Locations

Canby

Course Number	Course Title	Credits
	Fall - Year 1	
ELCO 1100	Electrical Circuit Fundamentals And	3
ELCO 1105	Electrical Circuit Fundamentals Lab Or	3
ELCO 1110	AC/DC I And	3
ELCO 1120	AC/DC II	3
ELEC 1205	National Electric Code I	2
ELEC 1220	Conduit Installation	4
ELEC 1230	Safety Principles and OSHA	1
ELEC 1235	Applied Electrical Calculations	2
SOLR 1020	Introduction to Solar Assessment	3
SOLR 1030	Solar Energy Construction Projects	2
SOLR 2020	Advanced Photovoltaic Systems	3
SOLR 2025	Photovoltaic Systems Lab	2
	TOTAL CREDITS	25