



SOLAR COURSES FOR CONTRACTORS

Location:

ABC LA/Ventura Training Center
609 Eighth Street
San Fernando, CA 91340

Date:

June 6 - 10
Monday - Friday

Time:

8am to 4pm each day

Cost:

Public \$1,795

Electricians:

Class hours will count toward 32
hour continuing education for
certification renewal requirements.

How to Register:

Contact Ellen Shiao at (818) 898-2099 or by
email at eshiao@abclaventure.org or online
at www.abclaventura.org.

Registration deadline is one week prior to
the event. You will be billed the full amount
if you have registered and do not attend
without canceling by the deadline date.
All classes are subject to cancellation if a
minimum number of attendees is not
reached by the deadline date.

Class size is limited, so we recommend that
you register early to guarantee a seat.

SOLAR PV DESIGN AND INSTALLATION

This five-day accelerated hands-on course offers a comprehensive understanding of the design and installation of residential and commercial PV grid-tied systems. This course is designed for Licensed Electrical and General Contractors who want to get into the solar market, and individuals in construction seeking employment in the solar industry. Successful completion of this course also allows students to take the NABCEP PV Entry Level Exam given by STI.

Over the course of the week you will learn through a mix of classroom and hands-on solar lab work where you will construct and wire multiple operating solar PV electric systems. Our facilities are outfitted with top of the line solar equipment from Solon, SMA, Enphase and Unirac to enhance your experience of installing grid-tied solar systems.

We teach what you need to know to install a complete solar PV system:

- Overview of PV industry, equipment and utility grid
- Panel and inverter specifications
- Grid tied system sizing and string calculations
- Structural assessment, site preparation, and roof variations
- Proper use of shading and inclination tools
- Electrical analysis and location layout
- Structural assessment and mechanical attachment
- Mounting rails and panels
- PV Combiner Box configuration, installation and wiring
- PV array conductor and grounding wire configuration
- OSHA safety standards
- System commissioning and final inspection
- Maintenance and troubleshooting

Who should attend: Anybody who wants to gain valuable hands-on experience, especially contractors, electricians, skilled tradespersons (roofers, HVAC, carpenters, etc), and solar engineers.

About the Solar Training Institute

The Solar Training Institute is a leading IREC ISPQ Accredited provider of accelerated solar training programs designed to help skilled workers launch or advance careers in the dynamic and growing clean energy field. Our comprehensive, hands-on courses help match businesses with a well trained workforce that can meet the challenges of an expanding clean and renewable energy market. Based in San Jose, California we offer classes in Los Angeles, Anaheim, San Diego and Honolulu, Hawaii. STI is also an ABC Member.

