

*Barstow Community College and*

*The County of San Bernardino Workforce Development Department*

## **High Tech Utility Scale Solar Maintenance & Operations Training**

**Are you unemployed and looking for a new career?  
Do you want to enter an emerging field?**



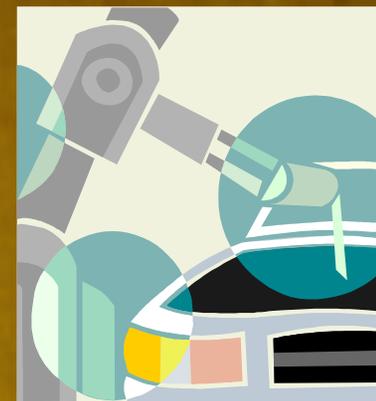
This training provides 412.5 hours of classroom and hands-on instruction in *Industrial Maintenance Electrical & Instrumentation., Utility Scale Solar Power, and High Tech Boom Truck Operations*

**THIS TRAINING IS PROVIDED IN A  
CONCENTRATED FORMAT OF 6- 10 HOUR  
DAYS OVER APPROXIMATELY 7 WEEKS**

**Purpose:**

- ⇒ Prepares students with skills to take entry-level positions using high technical equipment used to maintain and operate utility scale solar fields in the desert region of Southern California.
  
- ⇒ To allow workers to take advantage of the current employment opportunities in the field

**To enroll, contact the  
County of San Bernardino  
Workforce Development  
Department  
15555 Main Street, Suite G-4  
Hesperia, CA 92345  
760-949-8526**



***This training will be  
provided to qualify-  
ing people at no cost  
to them for the class-  
room training,  
books, and  
hands-on training.***

## Utility Scale Solar Power Generation Training Topics

- ◆ OSHA 30
- ◆ Utility Scale PV Applications & Systems
- ◆ Concentrated Solar Thermal
- ◆ CSP Troughs & Towers
- ◆ Power Block & Balance of Plant Systems
- ◆ Power Generation

## Robotic Boom Truck Operators Training Topics

- ◇ Radio Communications
- ◇ CAL/OSHA Truck
- ◇ Robotics
- ◇ GPS
- ◇ Boom Truck operation

## Industrial Maintenance Electrical & Instrumentation Training Topics

- Orientation to the Trade
- Tools of the Trade
- Fasteners and Anchors
- Oxyfuel Cutting
- Gasket and Packing
- Craft Related Mathematics
- Construction Drawings
- Pumps and Drivers
- Valves
- Introduction to Test Instruments
- Material Handling and Rigging
- Mobile and Support Equipment
- Lubrication
- SMAW and Set up
- Industrial Safety for E & I Tech
- Introduction to the NEC
- Electrical Theory
- Alternating Current
- Process Mathematics
- E & I Test Equipment
- Flow, Pressure, Level, & Temperature
- Hand Bending



*Contact the  
County of San Bernardino  
Workforce  
Development Department*

**TODAY**

at

**760-949-8526**

**Classes are forming now.**

*For more information on the training, please contact*

*Ken Eaves, Dean of Workforce and Economic Development*

*Barstow Community College, 760-252-2411 ext.7383 or email: keaves@barstow.edu*