

SOLAR PHOTOVOLTAIC INSTALLER CERTIFICATION PROGRAM GT-1000

According to the 2017 US Energy and Employment Report, more people now work in the US solar industry than in oil, natural gas, and coal extraction - combined. A recent study by The Solar Foundation (TSF) study shows that solar jobs are growing at a rate 10 times the national average. The Solar PV Technology Training Panel allows instructors to teach every aspect of solar power to their students. From installation, to configuration, to AC and DC conversion, students can learn how each of the features of solar power work together. Using the NABCEP and ETA certifications as guiding principles, students will gain valuable knowledge and experience in topics such as solar resources and principles; selection identification; proper installation sequence, performance characteristics and troubleshooting methods; permitting best safety practices; and economic impact.

CERTIFICATIONS:



ETA Photovoltaic Installer
Level 1

NABCEP Exam

Not Just a Simulation! Hands-on Labs Use the Following Equipment:

- Photovoltaic Panels
- Load Diverters
- Inverters
- Battery Storage System
- Control Panel Meters, Switches, & Fuses
- Multimeters

The Marcraft Solar Photovoltaic Installer Certification Course covers these topics:

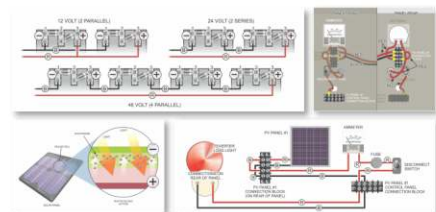
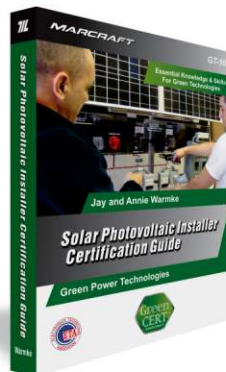
- Energy and Power
- Passive Solar Systems
- Active Solar Systems
- Troubleshooting PV Systems
- Building Codes and Compliance
- Understanding Blueprints
- Design & Installation of Residential Scale Photovoltaic Systems
- AND MUCH MORE!**

Real World Hands-on Labs!



INCLUDES:

- GT-1000 Solar PV Technology Panel
- GT-100IG Instructor's Guide with PowerPoint Presentation Media (1 Per Classroom)



ACCESSORIES:

- GT-100 Solar PV Text/Lab Guide
- GT-10T Solar Panel Tool Kit
- GT-10C Solar Panel Consumable Set
- GT-100SC SCADA Package