SOLAR PHOTOVOLTAIC INSTALLER CERTIFICATION PROGRAM
GT-1000

Real World Hands-on Labs!

42 GW of new renewable power-generating capacity was added to the US grid, primarily driven by robust solar additions. Renewable energy use also set new highs: 8.8% of total US energy demand and 23% of electricity demand per Bloomberg, Feb. 28, 2024.

The Bureau of Labor Statistics projects that employment for solar photovoltaic installers will grow 22% from 2024 to 2034, which is much faster than the average for all occupations.

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:

Green CERT MARCRAFT

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!**

INCLUDES:

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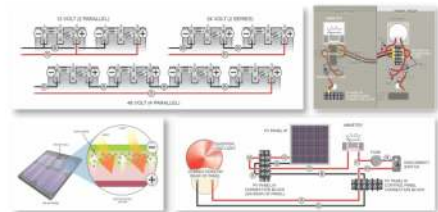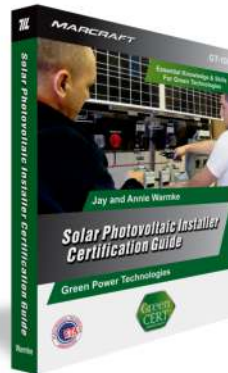
ACCESSORIES:

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