

GENERATING CLEAN ELECTRONS GT-1500

The GT-1500 Clean Electron Generation course provides students an introductory, hands-on, interactive experience with the three leading sources of alternative energy generation technologies: Wind Power, Solar Power, and Fuel Cells. Upon completion, students will confidently be able to identify the individual components of each power generation approach and articulate their function and contribution to the overall process. Will prepare students for full-scale programs ahead.



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

- Photovoltaic Panels
- Wind Turbines
- Diversion Load Controllers
- Battery Storage System
- Electrolyzers
- Fuel Cells
- Inverters
- Control Panel Meters, Switches, & Fuses
- Multimeters

The Marcraft Generating Clean Electrons Course covers these topics:

Wind Power

- Installing and Testing a Wind Turbine
- Configuring and Testing Off-Grid Installations
- Design and Create a Wind Turbine Power System

Solar Power

- Installing, Combining, and Testing Solar Panels
- Configuring and Testing Off-Grid Installations
- Design and Create a Solar Charging System for Portable Hand-Held Devices

Fuel Cells

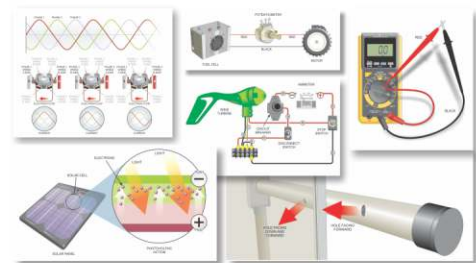
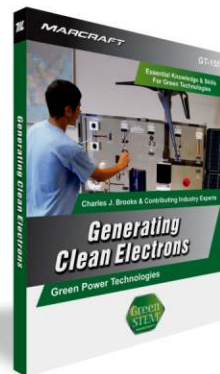
- Connecting a Fuel Cell for Electrical Generation
- Configuring and Testing Off-grid Installations
- Combining Wind and Solar Power Systems
- Configuring and Testing Combined Alternative Energy Systems for Off-Grid Operations

AND MUCH MORE!

Real World Hands-on Labs!

INCLUDES:

- GT-1500 Clean Electron Generation Panel
- GT-150IG Instructor's Guide with PowerPoint Presentation Media (1 Per Classroom)



ACCESSORIES:

- GT-150 Generating Clean Electrons Text/Lab Guide
- GT-15T GREENSTEM Toolkit for the GT-1500
- GT-15C GREENSTEM Consumable Kit for the GT-1500
- GT-150SC SCADA Package