

# FUEL CELLS

## FUEL CELL TECHNOLOGY PROGRAM



**FUEL CELL  
GT-3000**

### Alternative Energy Generation

- History of fossil fuels
- Environmental concerns
- Electric grid
- Alternative energy sources

### Energy and Power

- Types of energy
- Potential and Kinetic energy
- Voltage and current
- Electrical loads
- Electrical power consumption
- Power math
- Making electrical connections

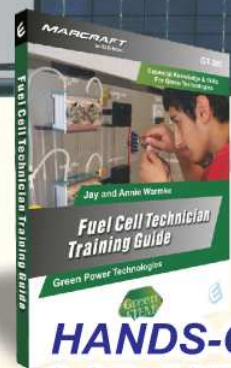
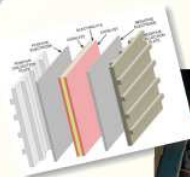
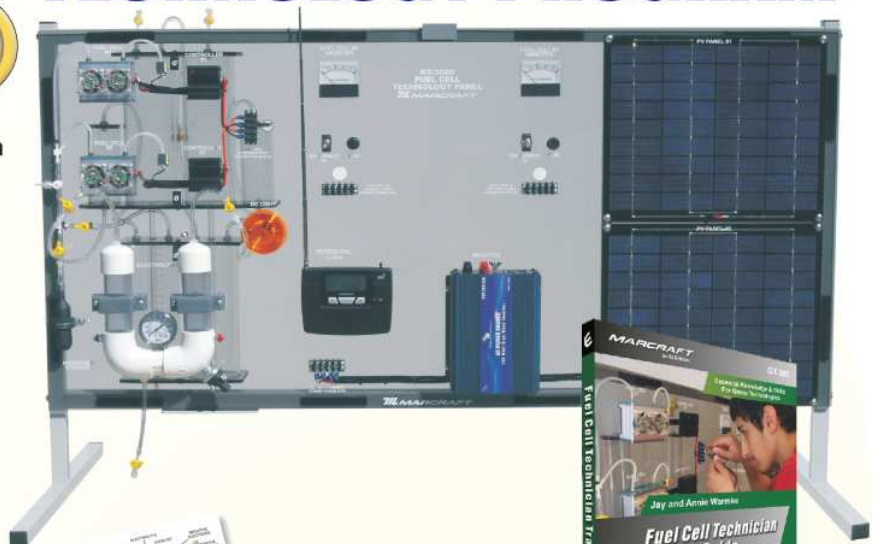
### Fuel Cells

- History of fuel cells
- Hydrogen production, storage and transportation
- Types of fuel cells
- How fuel cells work
- Fuel cell systems
- Future of fuel cells

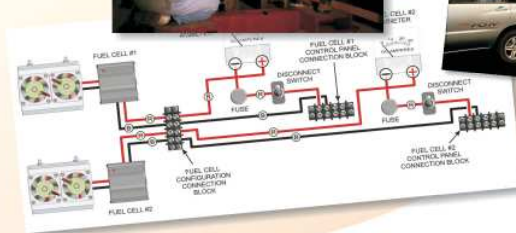
### Building Codes and Compliance

- National Electrical Codes
- International building codes
- Underwriters Laboratories
- EPA
- OSHA
- National Fire Protection Association

Reinforced with Hands-on Labs



**HANDS-ON  
LAB GUIDE**



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