

## BIOFUELS TRAINING PROGRAM GT-6000

Marcraft Biofuels Training Program is designed to provide students with a comprehensive understanding of biofuel technology. Within the GT-6000 training panel, students will understand the various ways of making biofuels including chemical reactions, fermentation, and heat to break down the starches, sugars, and other molecules in plants. The resulting products are then refined to produce a fuel that cars or other vehicles can utilize for power. In this program, students will work with and understand a variety of fuel sources including corn, sugarcane, soybeans and other plants that are used to produce biofuels.



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

- Stills
- Hydrometers
- Biodiesel Production Equipment
- Biofuel-Powered Radio Controlled Truck

The Marcraft Biofuels Training Course covers these topics:

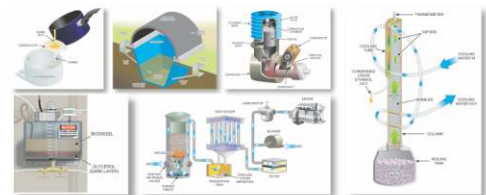
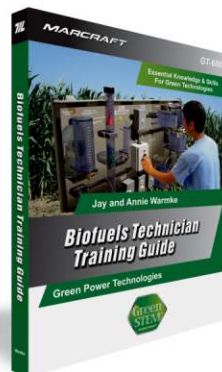
- Types of Energy
- Potential and Kinetic Energy
- Power Math
- Transportation Fuels
- Biomass and Biofuels Basics
- Types of Energy Produced
- Pyrolysis
- Gasification
- Anaerobic Digestion
- Ethanol, Biodiesel & Green Diesel
- Limitations to Overcome
- Wood Gas Generators
- Backyard Ethanol
- Backyard Biodiesel
- Safety and Quality Control
- By-product Management
- AND MUCH MORE!**



## Real World Hands-on Labs!

### INCLUDES:

- GT-6000 Biofuel Technology Panel
- GT-6080 Biofuels-Powered Radio Controlled Truck
- GT-600IG Instructor's Guide with PowerPoint Presentation Media (1 Per Classroom)



### ACCESSORIES:

- GT-600 Bio-Fuels Text/Lab Guide
- GT-60C Bio-Fuels Consumable Set
- GT-600SC SCADA Package