

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:

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| 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:

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