

# ALTERNATIVE ENERGY SERIES



## COURSE DESCRIPTION:

Discover practical energy conversions from abundant renewable energy sources: the sun and wind. Learn the theory and application of photovoltaic cells and wind generation of DC power to AC conversion for operating common electrical and electronic devices.

## Equipment and Parts List:

- 6 Amp Wind Turbine with Charge Controller
- 50 Watt Solar Panel
- Two 26 Amp/Hr. 12 Volt DC Batteries
- 350 Watt Inverter
- One 120 Volt Load
- Four 12 Volt Loads
- Mobile Stand

