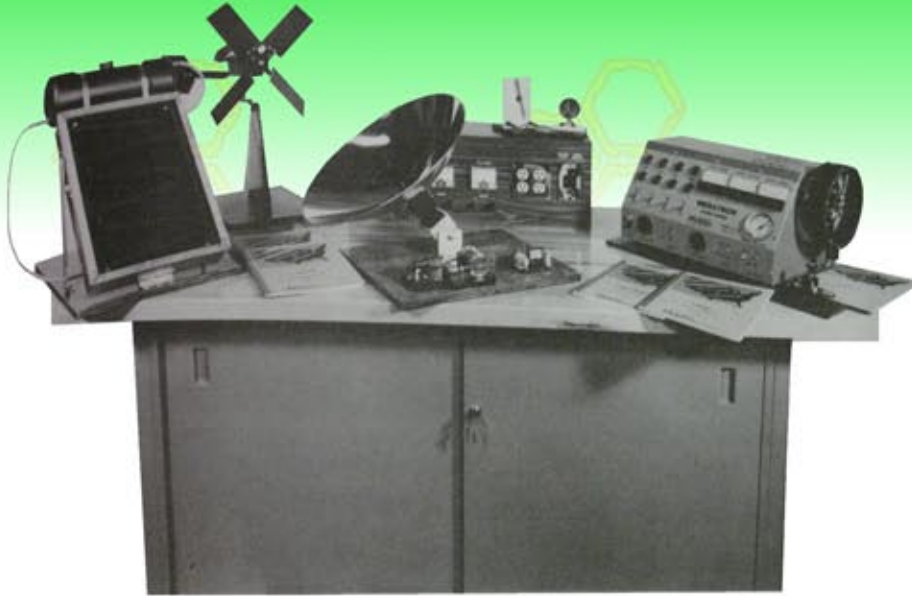


ALTERNATIVE ENERGY SERIES



Introductory Alternate Energies Bench

COURSE DESCRIPTION:

This program is intended to provide a complete package of trainers which demonstrates electric power generation from alternate energy sources. The energy center provides a closed loop water supply for the hydrogenerator with a high pressure water pump installed on the bench. The instrument module enables the student to conduct many experiments on the units. Also, the student conducts many activities with several energy conversion devices , as follows:

- Hydro Power Generation
- Wind Power Generation
- Solar Electric Car and Photovoltaic Trainer
- Solar Stirling Engine
- Solar Thermal Trainer
- Workstation

COURSEWARE AND VIDEOS:

The courseware provides invaluable information on the availability of alternate energy sources, methods of producing power, transmitting, storing, and careers in the field.

The student manuals includes a self-paced, self-guided student manual and videos. Each manual has objectives, directions, information sheets, pre/post tests and worksheets.

The entire system can be purchased, including all hardware, courseware and videos, or each unit can be purchased separately.