

Energy Utilization and Home Repair

½ Credit
1 Semester

Text: House-wiring Simplified

Prerequisite: none

Course Description:

This course is an overview of energy and its relationship to our lives, homes, and the world around us. The course is a “hands-on” approach to energy and home repair. The labs are designed for lifelong learning skills to become a responsible energy efficient homeowner. Activities include 9 weeks of wiring household circuits (switches, receptacles, light fixtures, etc.) Other activities involve electrical systems, energy systems, motors, security systems, and basic electrical repair. Home repair activities also include insulating, plumbing, wall coverings, and estimating jobs.

Course Content:

- Safety
- Electrical Wiring
- Problem Solving
- Home Repair
- Project Design
- Vocational Education

Course Format:

The course work is designed at self-taught, self-paced, instruction

Course Expectations:

The course is designed for anyone who expects to be a homeowner

Grades:

Grades are the measure of project completion and the accuracy in completion

Course Objectives:

Completion of resume.