

Home Maintenance

Somerset High School

Mr. Barron

This is an elective course open to any 9th through 12th grader. It is a one term course lasting for a 85 minute period which is worth 1/2 credit.

The course is designed to provide the students with basic information needed to understand, and use the proper tools and equipment to do some repairs and maintenance of your present or future home. You will also learn when repairs should be handled by a professional. Having knowledge of repairs and what is needed will also enable you to determine if your repair man is providing you with a good service at a good price or ripping you off. This course may also provide students with some possible career paths and ideas for exploration of careers during your remaining high school courses or even post-secondary education.

Students will be working in teams, with partners and as individuals on some projects, according to how each student learns best, or what the best approach is for the whole class.

Safety will be expected and demanded at all times. A pair of regulation safety glasses with side shields will be required for all shop and lab work. It is the responsibility of each student to provide their own pair of safety glasses; Mr. Barron will give you safety glasses if you need them. Power tools and equipment may be used, therefore the proper SAFETY PROGRAM PLAN requirements must be met and followed. Because of the nature of the class a \$15 fee is charged to help cover the costs of the materials used for the activities that are selected.

Home Maintenance

Course Outline (Possibilities)
Mr. Barron

text chapters

- 1-2-3 The Home / Home Safety / First Aid Steps
- 26-27 Electrical Distribution Systems / Electrical Maintenance
- Auto Maintenance
- 23-24 (Plumbing) Potable Water System / Waste Disposal Systems
- 21 Picture Framing
- 13 Floor Coverings
- 20-17 Wallpaper / Painting & Treating interior walls
- 8-4-5 Structural Parts of a House / Basic Hand Tools / Power Tools
- 34 Developing a Career Path
- 31-33 Home Environmental Considerations / Home Energy Savings
- Landscaping
- Other options are possible depending on the time and season of the year
and also the needs and desires of the class members

Various activities and constructed products will accompany the units of study so students can get hands on approach to the subjects covered.

A few of the products produced may be as follows:

- picture frame and digital photo
- lamp
- Electrical circuit, -- switches, outlets, lamps
- Auto maintenance, --oil change, tire change, wiper blades, fluid levels
- trivet; ceramic floor tiled pot holder
- thermometer

The textbook to be used is Home Repair and Maintenance by Jack M. Landers, 1996
The Goodheart-Willcox Company, Inc.

(updated November 12,2009)