

Home Maintenance and Maintenance

Course Syllabus

Mr. Gifford

Objective: This course is designed to give students insight and skills into basic home maintenance and improvement. Students will learn various skills necessary for maintaining and improving a home. Class time will be split between the classroom and shop activities.

Classroom and Shop Knowledge:

Safety test
Understand acceptable shop rules and regulations
Understand proper equipment operation
Demonstrate proper equipment usage

Coursework:

This course is designed to be completed from a "hands on standpoint". Therefore, the majority of the activities in the classroom will be completed in the shop. Often, shop activities will begin in the classroom where direction and explanation will be provided before engaging in physical activities. The material covered in class will include, but is not limited to the following:

Introduction to:
Building Trades
Class Overview
Writing assignments

Notebooks

Safety and Laboratory Management
Basic construction skills
Selecting and using wood and metal fasteners
Repairing and maintaining a home plumbing, electrical systems, and heating and cooling system
Electrical principles, terminology, and safety
Electrical wiring
Computing Insulation values and planning attic ventilation
Home energy efficiency and solar heating
Maintaining fireplaces, wood heaters, and solar heating
Planning for painting-preparing surfaces-applying paint
Repairing walls, ceilings, and trim
Residential pest control
Adjusting and maintaining doors and windows
Repairing and maintaining the roof
Estimating home concrete needs

III. Evaluation:

The course will consist of daily grades and test grades. Each grade will carry equal weight to comprise 100%.

Class Behavior:

Class Behavior is extremely important in this class. Students will often work on their own which requires a mutual understanding of the rules within the class.

Each student must be wearing a long sleeve shirt, pants and closed toe shoes when working in the shop.

Makeup or late work is the responsibility of the student

Students should never horseplay in the classroom or shop area

Each student is expected to actively participate in all activities

Speak only when it is your turn

Unruly or disruptive behavior will not be tolerated