Course Syllabus

Home Maintenance

Course Description

Home Maintenance provides students with the basic information needed to safely use hand tools, power tools, and assorted building materials. This course teaches students the skills and techniques used in carpentry, masonry, plumbing, electrical wiring, and other building trades, as related to home repair.

Objectives

After a series of classroom work and hands on activities, the student will be able to identify and/or have experience with the following:

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| .    2. Home Safety    4. Basic Hand Tools    5. Power Tools    6. Fasteners    7. Lumber and Building Materials    8. Structural Parts of the House    9. Exterior Wall Coverings  10. Roof Covering and Gutter Repair  11. Doors and Windows  12. Interior Walls and Ceilings  13. Floor Coverings  15. Concrete, Masonry  16. Landscape Maintenance  17. | 18.  24. Waste Disposal Systems  25. Central Cleaning Systems  26. Electrical Distribution System  27. Appliance Maintenance, Electrical and Mechanical  28. Heating  29. Home Cooling  30. Domestic Water Heating  31. Home Environmental Considerations  32. Insulation  33. Home Energy Saving  34. Developing a Career Path |

Text used and Required Materials

Willis H. Wagner & Howard Bud Smith. 2008 *Modern Carpentry*

*.* Tinley Park, IL: Goodheart-Willcox.

• An ordinary calculator.

• ANSI-approved eye protection.

Course Schedule

* Preparing to Build Sept.4 to 19
* Footings, Foundations, and Framing 20 to Oct. 10
* Closing In 11 to 25th
* Finishing 26 to Nov.14
* Special Construction 14 to Dec.7
* Mechanical Systems 10 to Jan.9
* Scaffolds and Careers 10 to 25th