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 Coverings10. Roof Covering and Gutter Repair11. Doors and Windows12. Interior Walls and Ceilings13. Floor Coverings15. Concrete, Masonry 16. Landscape Maintenance17.  | 18. 24. Waste Disposal Systems25. Central Cleaning Systems26. Electrical Distribution System27. Appliance Maintenance, Electrical and Mechanical28. Heating29. Home Cooling30. Domestic Water Heating31. Home Environmental Considerations32. Insulation33. Home Energy Saving34. 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