

Common Course Outline
INTD 101
Manual Drafting for Interior Design
4 Contact Hours
The Community College of Baltimore County

Description

Manual Drafting for Interior Design

Introduces students to the basic fundamentals of drafting; examines the use of drafting equipment, multi-view drawing techniques, simple architectural construction and its pictorial representation, and notation.

Overall Course Objectives

Upon completion of this course the student will be able to:

1. Identify and use basic drafting instruments and supplies.
2. Read and use fractional scales.
3. Develop basic skills for producing quality line work within an organized drawing.
4. Draw a floor plan of a house.
5. Practice field dimensioning and transfer to drawings with proper notation.
6. Understand, visualize, interpret and mechanically draw objects using multi-view drawing techniques including sectional views.
7. Draw elevations of a house or room interior.
8. Understand, visualize, interpret and mechanically draw an object using the following pictorial drawing techniques: A,) isometric, B,) axonometric.
9. Understand and use standardized architectural symbols.
10. Create architectural detail schedules (doors, windows, finishes).
11. Learn basic residential architectural construction principles, including kitchen, bathroom and plumbing systems.
12. Reproduce drawings using a diazo white printer.
13. Select and use professional sources, such as journals, catalogs, reference books, and files, in order to solve drafting and design problems.

Major Topics

1. The tools and supplies used by a draftsman.
2. Reading and drawing standard architectural construction symbols.
3. Understanding multi-view projection.
4. Drafting a floor plan, a section, an elevation, furniture, and electric plans.

Course Requirements

The following components will be used in determining the final grade: drafting exercises, a major drafting project of six (6) drawings, Mid-term exam on construction principles, and a Final Exam drawing.

Other Course Information

There are no prerequisites. May not be offered in all semesters; see registration schedule. Textbook requires reading on a college level. Knowledge of fractions and how to read a ruler helpful.