

INTD 111

Drafting and Blueprint Reading for Interior Design

3 Credits

Community College of Baltimore County
Common Course Outline

Description

INTD 111 – Drafting and Blueprint Reading for Interior Design: applies the basic fundamentals of drafting for interior design graphic communication. Emphasis is on architectural hand drafting techniques and quick-thinking sketch processes used in the interior design profession. Topics include interpreting construction documents (blueprints) and generating floor plans, elevations, sections, isometrics, and other construction documents using hand drafting tools.

Pre-requisites: ACLT 053 or (ESOL 052 and ESOL 100)

Overall Course Objectives

Upon completion of this course, students will be able to:

1. operate basic drafting instruments and supplies;
2. employ fractional architectural scales;
3. demonstrate line work within an organized drawing;
4. create thumbnail sketches of interior spaces;
5. develop floor plans, elevations, and sections of interior spaces;
6. construct reflected ceiling plans;
7. draw isometrics of interior spaces;
8. diagram an existing interior space;
9. design layouts and title blocks for architectural drawings;
10. create a construction document set;
11. analyze an interior space for opportunities and constraints;
12. differentiate between orthographic and paraline drawings; and
13. interpret architectural documents and blueprints.

Major Topics

- I. Drafting tools and supplies
- II. Manual drafting techniques
 - a. Line weight
 - b. Lettering for architectural drawings
 - c. Scale
 - d. Architectural standards
 - e. Construction symbols
- III. Orthographic drawings
- IV. Types of orthographic drawings - floor plans, elevations, building sections, detail sections, details, and reflected ceiling plans
 - a. Dimensioning

The Common Course Outline (CCO) determines the essential nature of each course.

For more information, see your professor's syllabus.

- b. Annotations
 - c. Keys and legends
 - d. Poche and hatches
 - e. Title blocks
 - f. Architectural lettering
 - g. Assessing and analyzing spaces
- V. Sketch
- a. Field measure
 - b. Assess existing conditions
 - c. Draft as-built drawings from sketch and assessment
 - d. Six-Step Design Analysis
- VI. Compare manual drafting to computer-aided design
- VII. Construction documentation (CD)
- a. Standard CD set order of information
 - b. Relationships between drawings within a CD set
 - c. Interpreting a CD set to find information an interior designer needs to know

Course Requirements

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- one assessment (quiz or exam)
- two small projects with special design requirements, such as wainscoting or ceiling treatment designs
- one larger project involving adjacent rooms or spaces to include a floor plan, reflected ceiling plan, section drawing (detail or building), elevations, and detail drawing compiled into a construction documentation set with appropriate annotations, dimensions, drawing titles, and title blocks, hatches, etc.

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to the style selected by their professor.

Other Course Information

This course is a prerequisite to INTD 240.

Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.

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