



Broward Community College

Course Outline

STATUS: A

COMMON COURSE NUMBER: IND 1229C

COURSE TITLE: Interior Design Construction Documentation

CREDIT HOURS: 3

CONTACT HOURS BREAKDOWN:

Lecture/Discussion 32

Lab 32

Other

Contact Hours/Week 4

CATALOG COURSE DESCRIPTION:

In this course students learn to read and develop drawings necessary for the construction of interior projects. Emphasis is placed on the proper use of line weights, graphic symbols, specification, notation, dimensioning and cross referencing of documentation to complement architectural construction drawings.

Prerequisite: N/A

Corequisite: N/A

UNIT TITLES:

1. Documentation of Interior Design Information
2. Uniform Drawing Standards
3. Representations in Plan
4. Representations in Section/Elevation
5. Representation of Details for Fabrication
6. Schedules and Keys

I. Course Overview:

Upon successful completion of this course, the students should be able to demonstrate the proper documentation of a complete set of interior design construction drawings, including but not limited to a construction/finish floor plan, furniture floor plan, electrical layout plan, reflected ceiling plan, interior rooms elevations, built-in design details cross referenced to refer to placement on design plan.

II. Units:

Unit 1. Documentation of Interior Design Information

General Outcome:

- 1.0 The students should be able to demonstrate an understanding of the design documents that comprise a complete set of contract documents.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 1.1 Discuss the purpose of documentation of interior design schemes, drawings, specifications and notations.
- 1.2 Discuss typical drawings types used to communicate interior design schemes.
- 1.3 Discuss the design information necessary to be communicated to which professionals executing the interior design scheme.

Unit 2. Uniform Drawing Standards

General Outcome:

2.0 The students should be able to demonstrate an understanding of the Uniform Drawing Standards through the creation for a set of interior design construction documents.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 2.1 Use drafting equipment to present interior design concepts.
- 2.2 Demonstrate use and care of graphic equipment.
- 2.3 Demonstrate neatness and accuracy.
- 2.4 Illustrate size and scale in drawings.
- 2.5 Review layout of floor plan, development of title block for interior design.
- 2.6 Review notes, dimensions, architectural lettering styles and drawing conventions for interior design construction documents.
- 2.7 Review symbols and reference marks for elevations, details, schedules and keys.

Unit 3. Representations in Plan

General Outcome:

3.0 The students should be able to demonstrate an understanding of information required to appear on design plans to communicate the design scheme.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 3.1 Develop and draw construction floor plan with appropriate dimensions, room labels, utilizing properly notated non-bearing wall partition and existing walls to be removed.
- 3.2 Develop and draw furniture/fixture floor plan using furniture/fixture key notations to correspond to furniture/fixture schedule.
- 3.3 Develop and draw finish plan using floor and wall key notations to correspond to finish schedule.
- 3.4 Demonstrate understanding of graphic notation in plan elevation reference symbols.
- 3.5 Develop and draw electrical layout plan showing locations of wall and floor outlets and special equipment electrical requirements.
- 3.6 Develop and draw reflected ceiling plan, showing switching and lighting control, dimensioning and keying all permanent lighting fixtures and using ceiling finish key notations to correspond to lighting schedule and finish schedule respectively.

Unit 4. Representations in Section/Elevation

General Outcome:

4.0 The students should be able to demonstrate an understanding of information required to appear on interior elevations and sections to communicate the elements of the design scheme.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 4.1 Develop and draw interior elevations showing dimensions to architectural trim and/or features using floor, ceiling and wall key notations to correspond to finish schedule
- 4.2 Develop and draw kitchen elevations showing cabinets and equipment appropriately dimensioned and noted.
- 4.3 Develop and draw bathroom elevations showing cabinets and plumbing fixtures appropriately dimensioned and noted.
- 4.4 Develop and draw wall elevation that feature a built-in architectural or cabinetry feature and incorporate detailed elevation/section reference symbol.

Unit 5. Representation of Details for Fabrication

General Outcome:

5.0 The students should be able to successfully illustrate a detail of a custom-built design element and incorporate appropriate dimensions and notations to communicate design intention to fabricator.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

5.1 Develop and draw larger scale elevation of same built-in architectural or cabinetry feature showing dimensions, material notations and finish key elements.

5.2 Develop and draw construction section of selected built-in architectural or cabinetry feature

5.3 Properly dimension and notate same feature to communicate design intention to fabricator.

Unit 6. Schedules and Keys

General Outcome:

6.0 The students should be able to assemble finish, furniture, fixture and equipment information into legible schedules and keyed to plans, sections and elevations where appropriate.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 6.1 Demonstrate an understanding of the purpose and function of a legend on a design document.
- 6.2 Demonstrate an understanding of the purpose and function of a schedule for organizing variations of like elements of a design scheme, e.g., windows, doors, door hardware, surface finishes, kitchen equipment, plumbing fixtures, etc.
- 6.3 Create schedules that correspond to student project.
- 6.4 Use proper Uniform Drawing Standard key symbols to note design elements in plan, section and elevation to reference their appropriate descriptive schedule.