

**SOUTHEAST MISSOURI STATE UNIVERSITY  
COURSE SYLLABUS**

Department of **Human Environmental Studies**  
Course Title: **Design Studio 412**

Course Number: **DS412**  
Revision of HI440/442: **Fall 2008**

**I. Catalogue Description and Credit Hours**

Space planning of public areas including specialty spaces. Coverage of building codes, finish and furniture schedules and specifications, and completion of professional design projects.

**(3). Requires repeating for (6) total credit hours.**

**II. Prerequisite(s)**

**DS001, DS211, DS220, CM126**

**III. Purposes or Objectives of Course**

- A. Develop an overall understanding of the field of commercial design.
- B. Determine appropriate design solutions based on standards and code compliance.
- C. Construct useable space planning solutions based on detailed programming information.
- D. Specify appropriate finishes and furniture and complete schedules and specifications.
- E. Complete and present professional quality projects in office and specialty design and provide peer evaluations of student work.

**IV. Expectations of Students**

- A. Satisfactorily complete class assignments and readings.
- B. Satisfactorily complete and present two design projects.
- C. Participate in class discussion, activities, and peer evaluation.
- D. Satisfactorily complete one written examination.

**V. Course Outline or Content**

**Hours**

**A. Introduction to Commercial Design**

**2**

- 1. Historical overview
- 2. Commercial design specialties
- 3. The design process
- 4. Understanding the client's needs
- 5. Safety and security

**B. Standards and Code Compliance**

**6**

- 1. Standards
  - a. Standard dimensions for commercial furniture
  - b. Standard sizes and clearances for offices, classrooms, and conference rooms
- 2. Exiting
  - a. Occupancy classifications and egress
- 3. Americans with Disabilities Act (ADA)
  - a. Corridor clearances

- b. General clearances
- c. Accessible restrooms

**C. Space Planning 3**

**1. Space Planning Steps**

- a. Design program
- b. Criteria matrix and adjacency matrix
- c. Prototypical sketches
- d. Relationship diagrams
- e. Bubble diagrams
- f. Plan revision
- g. Preliminary floorplan

**D. Schedules and Specifications 4**

**1. Finishes**

- a. Product research and ordering of samples
- b. Selection of appropriate finishes
- c. Finish legend and schedule

**2. Furniture**

- a. Product research
- b. Selection of appropriate furniture
- c. Ergonomics
- d. Furniture specification for bidding purposes
- e. Furniture schedules
- f. Furniture budget

**E. Project Emphasis 75**

**1. Office**

- a. Office and open office

**2. Specialty areas**

- a. Medical and hospitality

\* Total laboratory hours = **90**

**VI. Textbook(s) and/or Other Required Materials or Equipment**

Piotrowski & Rogers. (2007). Designing Commercial Interiors. Hoboken, NJ: John Wiley & Sons.

Students are responsible for supplying drafting and project materials, and purchasing illustration media.

**VII. Basis for Student Evaluation**

<b>A.</b> Class participation and peer evaluations.	<b>5%</b>
<b>B.</b> Class assignments	<b>5%</b>
<b>C.</b> Two design projects	<b>75%</b>
<b>D.</b> One written examination	<b>15%</b>

**Note:** The weight of the evaluation criteria may vary according to each instructor and will be communicated at the beginning of the course.

### **VIII. Academic Policy Statement**

Students will be expected to abide by the **University Policy for Academic Honesty** regarding plagiarism and academic honesty. Refer to:

<http://www6.semo.edu/judaffairs/code.html>

### **IX. Student with Disabilities Statement**

If a student has a special need addressed by the **Americans with Disabilities Act (ADA)** and requires materials in an alternative format, please notify the instructor at the beginning of the course. Reasonable efforts will be made to accommodate special needs.