

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER:	IND 2224
COURSE TITLE:	Residential and Commercial Design
PREREQUISITE(S):	IND 1606 and IND2460 TAR 2120, IND 1935, IND 2301, and IND 1420
COREQUISITE(S):	None
CREDIT HOURS:	3
CONTACT HOURS/WEEK:	4
CONTACT HOUR BREAKDOWN:	
Lecture/Discussion:	2
Laboratory:	2
Other _____:	
FACULTY WORKLOAD POINTS:	3
STANDARDIZED CLASS SIZE ALLOCATION:	24
CATALOG COURSE DESCRIPTION:	
<p>This laboratory course, designed to provide skill development in planning residential and commercial interiors from blueprints to the final assembly of all furnishings, emphasizes commercial furnishings, fabrics, building codes and fire regulations. This course also synthesizes working drawings, specifications, and competency in budgeting.</p>	
SUGGESTED TEXT:	<u>Planning & Managing Interior Projects</u> , Carole Farren, Latest Edition
IMPLEMENTATION DATE:	Fall Term, 1981 (821)
REVIEW OR MODIFICATION DATE:	Fall Term, 1995 (961) Fall Term, 2002 (20031) Fall Term, 2006 (20071) Fall Term, 2008 (20091)

COURSE TOPICS	CONTACT HOURS <u>PER TOPIC</u>
I. Residential Project	16
A. Survey of Client's Needs for Functional Space Planning (2)	
1. Lifestyle	
2. Mobility	
3. Proxemics	
4. Resources (Budget)	
B. Architectural Plans (2)	
1. Evaluation of Plans	
a. Feasibility and Function	
b. Diagnosis of Space Potential	
c. Analysis of Motor Economy	
d. Functional Traffic Patterns	
2. Modifications to Plan	
C. Selection of Bathroom Fixtures, Tile Selections, Kitchen and Bath Cabinets, Countertops, Knobs and Handles (if applicable) (2)	
D. Permanent Lighting Selections (if applicable) (2)	
1. Interior	
E. Flooring Selections (2)	
1. Carpets and/or Rugs	
2. Hard Materials	
3. Resilient Floor Coverings	
4. Quantity Calculations	
F. Individual Room Designs: Presentations for the individual rooms of the residence must include the following:	
1. Floor Plan with Architectural Symbols	
2. Background Treatments	
3. Lighting Plan	
4. Furniture	
a. Selection	
b. Arrangement	
5. Window Treatments - Calculate & cost	
6. Work Specifications, Cost Estimates	
II. Commercial Design	44
A. Design Restrictions (2)	
1. Building Codes	
2. Fire Regulations	
B. Contract Materials (4)	
1. Calculation of Flooring Materials	
2. Systems Survey	

COURSE TOPICS (CONTINUED)

CONTACT HOURS
PER TOPIC

- a. Types
- b. Square Footage Calculations
based on Functions

C. Commercial Project I (23)

Students are required to design all Special requirements of project based on activities planned for the space.

Students will prepare a presentation which must include the following:

1. Floor Plan
2. Lighting Plan/Reflected Ceiling Plan
3. Background Treatments
4. Furniture Selection - also Indicate Placement on Floor Plan
5. Built-Ins and Work Specifications
6. Axonometric Drawing
7. Finish Schedule

PROGRAM TITLE: Interior Design Technology
 COURSE TITLE: Residential and Commercial Design
 CIP NUMBER: 0404.050100

LIST PERFORMANCE STANDARD ADDRESSED:
 NUMBER(S): TITLES(S):

- 03.0 PLAN FOR SPACE UTILIZATION ACCORDING TO IDENTIFIED FUNCTIONS -- The student will be able to:
- 03.01 Develop a plan for space utilization within given psychological principles.
 - 03.02 Describe spaces, including open, closed, horizontal, and vertical.
 - 03.03 Draw and evaluate schematic diagrams.
 - 03.04 Execute drawings of floor plans and evaluations.
 - 03.08 Analyze circulation patterns.
 - 03.09 Identify and illustrate spaces for required uses within various types of interiors, including possible requirements for handicapped, elderly, and children.
 - 03.10 Develop a plan for space utilization based on the lifestyle and needs of a specific client.
 - 03.11 Evaluate client's architectural needs.
 - 03.12 Analyze budgetary limitations of client.
- 04.0 SELECT AND ARRANGE FURNITURE, EQUIPMENT AND ACCESSORIES -- The student will be able to:
- 04.01 Analyze criteria for the selection and arrangement of furnishings, including furnishings to be used by handicapped, elderly, or children.
 - 04.02 Develop a furniture arrangement and traffic plan.
 - 04.03 Select bathroom and kitchen fixtures and tile types for an interior design plan for residence.
 - 04.04 Select kitchen and bath cabinets for an interior design plan for residence.
- 05.0 IDENTIFY THE APPROPRIATE USE AND FUNCTION OF FURNISHINGS AND MATERIALS -- The student will be able to:
- 05.01 Identify and analyze flooring materials and determine the advantages and disadvantages of each.
 - 05.03 Identify various ceiling treatments.
 - 05.04 Identify and categorize types of wall coverings.
 - 05.05 Identify and describe types and functions of windows.
 - 05.06 Identify and describe different types of window coverings.
 - 05.07 Estimate quantity needed for floor, window treatments, and wall coverings.
 - 05.08 Consider maintenance requirements in specifying materials.
- 09.0.0 IDENTIFY BUILDING CODES, REGULATIONS AND LEGISLATION RELATING TO RESIDENTIAL AND NONRESIDENTIAL SPACES -- The student will be able to:
- 09.01 Identify local building codes.
 - 09.02 Identify legislation for barrier-free environment.
 - 09.03 Identify regulations regarding fire codes.
- 10.0 EXECUTE GRAPHIC DESIGN CONCEPTS -- The student will be able to:
- 10.01 Use equipment to present interior design concepts.
 - 10.03 Demonstrate neatness and accuracy.

LIST PERFORMANCE STANDARD ADDRESSED: (Continued)

NUMBER(S): TITLES(S):

- 10.04 Execute line work.
- 10.05 Illustrate size and scale in a drawing.
- 10.09 Apply methods and techniques for three dimensional illustration.
- 10.15 Analyze and evaluate the presentation board as a vehicle for graphic illustration.
- 10.16 Demonstrate layout techniques.
- 10.17 Apply design principles to layout.
- 10.18 Evaluate professional presentation of graphic illustration.
- 10.19 Demonstrate matting methods.
- 10.20 Utilize lettering techniques.
- 10.21 Utilize graphic presentation skills in compiling and reviewing a portfolio.

11.0 IDENTIFY ENVIRONMENTAL ISSUES AND INFLUENCES ON LIVING SPACES - The student will be able to:

- 11.02 Identify family needs and activities that influence housing requirements.

12.0 INTERPRET ARCHITECTURAL DESIGN PLANS -- The student will be able to:

- 12.01 Analyze and evaluate architectural plans in relation to functions of space.
- 12.02 Read architectural plans.

14.0 ANALYZE THE CONCEPT OF READAPTING EXISTING STRUCTURES--The student will be able to:

- 14.01 Summarize significant issues and fundamentals of restoration, preservation and renovating.
- 14.02 Compare preservation, restoration, and renovation.
- 14.03 Analyze the issues of house restoration.

15.0 INCORPORATE EVALUATION, SPACE PLANNING, LAYOUT, WORK FLOW, AND DESIGN INTO A PROJECT -- The student will be able to:

- 15.01 Develop a plan for a total concept for interior design and home furnishings.
- 15.02 Apply design methods and techniques to a project in home interior design.
- 15.03 Develop the sequence and time table for tasks.

16.0 COORDINATE THE INTERIOR WITH THE EXTERIOR OF A BUILDING/RESIDENCE— The student will be able to:

- 16.01 Describe the steps in selecting exterior modalities and options.
- 16.02 Evaluate factors of orientation on the site.
- 16.03 Select interior and exterior lighting.
- 16.04 Unify the interior and exterior themes.

STUDENT COMPETENCIES:

The student will be able to:

1. Compare the approach to and solution of design problems for residential and non-residential interiors.
2. Determine specific needs of client by analyzing information from needs surveys, work studies, and research.
3. Analyze floor plans to determine design possibilities.
4. Use sources of furnishings and equipment for residential and non-residential interiors.
5. Apply the general principles for planning the interiors for the following types of commercial facilities:
(1) office.
6. Determine type and amount of lighting needed for residential and non-residential interiors.
7. Use the elements and principles of design, space planning, and the selection and arrangement of furnishing and equipment for residential and non-residential interiors.
8. Prepare specifications for a given space.



NOTE: Use either the Tab key or mouse click to move from field to field. The box will expand to accommodate your entry.

Section 1	
COURSE PREFIX AND NUMBER: <u>IND 2224</u>	SEMESTER CREDIT HOURS: <u>3</u>
COURSE TITLE: <u>Residential and Commercial Design</u>	

Section 2		
TYPE OF COURSE: (Click on the box to check all that apply)		
<input type="checkbox"/> AA Elective	<input checked="" type="checkbox"/> AS Required Professional Course	<input type="checkbox"/> College Prep
<input type="checkbox"/> AS Professional Elective	<input checked="" type="checkbox"/> AAS Required Professional Course	<input type="checkbox"/> Technical Certificate
<input type="checkbox"/> Other _____		
<input type="checkbox"/> General Education: (For General Education courses, you must also complete Section 3 and Section 7)		

Section 3 (If applicable)		
INDICATE BELOW THE DISCIPLINE AREA FOR GENERAL EDUCATION COURSES:		
<input type="checkbox"/> Communications	<input type="checkbox"/> Social & Behavioral Sciences	<input type="checkbox"/> Mathematics
<input type="checkbox"/> Natural Sciences	<input type="checkbox"/> Humanities	

Section 4					
INTELLECTUAL COMPETENCIES:					
<input type="checkbox"/> Reading	<input checked="" type="checkbox"/> Speaking	<input checked="" type="checkbox"/> Critical Analysis	<input checked="" type="checkbox"/> Quantitative Skills	<input type="checkbox"/> Scientific Method of Inquiry	
<input checked="" type="checkbox"/> Writing	<input checked="" type="checkbox"/> Listening	<input checked="" type="checkbox"/> Information Literacy	<input type="checkbox"/> Ethical Judgment	<input checked="" type="checkbox"/> Working Collaboratively	

Section 5		
LEARNING OUTCOMES		METHOD OF ASSESSMENT
•	Students will be able to determine specific needs of clients by analyzing information from needs, surveys, work studies and research and design an interior space with this information.	Graded assignments and projects
•	Students will be able to analyze floor plans to determine design possibilities for residential and non-residential interiors.	Graded assignments and projects
•	Students will be able to execute graphic design concepts with their design solutions.	Graded assignments and projects
•	Students will be able to coordinate the interior with the exterior of a building or residence.	Graded assignments and projects
•	Students will be able to prepare specifications for a given space.	Graded assignments and projects

Section 6	
Name of Person Completing This Form: <u>Sheri Litt</u>	Date: <u>11/14/07</u>