

MASTER SYLLABUS

COURSE NO., HOURS, AND TITLE: ID 391-4
Interior Design Studio I

COURSE DESCRIPTION:

Interior design of the personal environment at the individual level. Emphasis is on residential design. Prerequisites: ARC 232, ARC 252, ID 211, ID 252 or concurrent enrollment and major in interior design or consent of school director.

PREREQUISITE TO: ID 382 - Environmental Design II: Lighting and Acoustics
ID 392 - Interior Design Studio II

COURSE OBJECTIVES:

1. Goals will be met through successful completion of two projects and various design exercises and reports.
2. Projects include research information, graphic communication, oral presentation, appropriate materials, finishes and furnishings selection
3. Students will address design for special purposes such as adaptive reuse, restoration, or historic preservation; and special populations such as the elderly, children and disabled.

TOPICAL OUTLINE:

Topics	Percentages of Time
I. Introduction to the Antelier	
II. Professional Profile	2%
A. Licensing	
B. NCIDQ	
C. Professional organizations	
III. The Design Process	2%
A. Project definition	
B. Programming	
C. Schematic design	
D. Design development	
E. Construction contract documents	
F. Implementation	

G. Evaluation (POE's)	
IV. Defining Creativity	2%
A. Innovation	
B. Elaboration	
C. Flexibility	
D. Aesthetic quality	
E. Stylistic quality	
V. Psycho-Socio Foundations	1%
VI. Universal Design	2%
A. Americans with Disabilities Act	
B. Toward UD	
C. Enabling the disabled	
D. For the rest of your life	
E. Southern Illinois Center for Independent Living panel discussion	
F. Empathy ADA building survey	
VII. Project # 1 – Adaptive Reuse of Gothic Revival Church to Condominiums	5%
A. Renovation	
B. Adaptive reuse	
C. Historical preservation	
VIII. Project # 2 – Family Dwelling With a Sense of Place	5%
A. Morphological approach to design	
B. Fractal geometry	
C. Nature's designs	
D. Eurythmy	
E. Symphysis	
IX. The Program	4%
A. Form	
B. Function	
C. Economy	
D. Time	
X. Building Codes	4%

	A. Life safety code	
	B. Codes for apartment buildings	
	C. Codes for 1 and 2 family dwellings	
	D. Housing controls, fire safety and security	
XI.	Precepts for Design	1%
XII.	Approaches to Spatial Design & Spatial Definition	5%
	A. Planning sequences	
	B. Organization of space	
	C. Elements within organized space	
	D. Enclosure planes	
XIII.	Skill Development for Space Planning, Schematic Design And Graphic Presentation	10%
	A. Criteria matrix	
	B. Interaction matrix	
	C. Bubble diagrams	
	D. Block diagrams	
	E. Code requirements and accessibility	
	F. Circulation (vertical & horizontal)	
	G. Daylighting	
	H. Acoustical planning	
	I. Plumbing considerations	
	J. Volumetric design	
	K. Spatial quality	
XIV.	Concept Sketches – What They Should Convey and Do	10%
	A. Space forms and shapes	
	B. Thematic elements	
	C. Circulation views	
	D. Views of the Exterior	
	E. Structural & interface details	
	F. Sequencing spaces	
	G. Impacts of lighting	
	H. Examples: Carlo Scarpa, LeCorbusier, Utzon	
XV.	Study Models	5%
XVI.	Graphic Presentation Techniques	1%
XVII.	Design Presentation – Project # 1	5%

XVIII. Sustainability	5%
A. Ecological awareness	
1. waste in food	
2. nature operates on solar income	
3. project diversity	
B. Sustainable building issues	
1. non-toxic & allergy free	
a. materials toxicity	
b. indoor air pollution	
2. resource conservation	
a. conventional fuels	
b. environmental pollution	
c. demand economics	
3. renewable resources	
4. product reclamation possibilities	
a. landfill	
b. toxic waste	
c. resource scarcity	
C. Wm. McDonough on sustainable design	
D. The Hannover Principles	
E. Building for the future	
F. Specifying tropical woods	
G. Design issues	
XIX. The Building Site	3%
XX. Basic Principles of Structure	2%
A. Terminology	
B. Three forms of structure	
C. The forces	
D. Loads	
E. Basic elements	
F. Basic units	
G. Other structural systems	
XXI. Form & Massing	2%
XXII. Stairs	1%
XXIII. Roof Types	1%
XXIV. Place & Dwelling	4%
A. Dwelling in the future	
B. Dwelling with spirit	

C. Pride of place	
D. The architecture of Frank Lloyd Wright	
XXV. Geometry & Spatial Realities	1%
XXVI. The Fourth Dimension: Relativistic Design	1%
XVII. Aesthetics, Function & Design	1%
XVIII. Symbolic Foundations	5%
XXIX. Design Presentation – Project # 2	5%
XXX. The Power of Place – Chicago (Field Trip)	5%

TEXTBOOKS:

Required:

Alexander, C. (1997). A pattern language. New York: Oxford University Press.

Malnar. (1992). Interior dimension. New York: Van Nostrand Reinhold.