

## DES 283 Space Planning

Jerome Gomez, MFA, IDEC, IIDA, ASID  
Interior Design Program

Fall  
Converse College

### Project 2: Design Theory: Planning Spaces

The second project during this semester is the exploration of how interior design solutions are accomplished as expressed through floor plans and spatial theories, and the design process. Readings, discussions, and exercises in the text will be your resource for your learning.

Four different types of assignments make up this project. Describing the content of the text will introduce you to new terms and processes. Exploratory drawing exercises in the textbook will help you learn space planning techniques. Completing written analyses requires critical thinking. A final timed exercise will test your learning, your ability to interpret project statements, and your ability to sketch on grid paper.

#### Project Learning Outcomes

- Learn the basic terminology of space planning and apply it within 2 dimensional solutions.
- Strengthen your ability to combine design theory, creativity, and functionalism to develop effective interior solutions.
- Improve your sketching skills

#### Required Text and Recommended Books

*The Interior Plan: Concepts and Exercises*, 2<sup>nd</sup> edition by Roberto Rengel, Fairchild Books. You need to write in your book, copy the pages and write on them, and/or use trace over the pages.

*Interior Design Illustrated*, 3<sup>rd</sup> edition, by F. Ching and Corky Binggeli (in your library)

*Interior Design Reference Manual* by D. Ballast, 5<sup>th</sup> or 6<sup>th</sup> edition

*Architecture: Form, Space and Order* by F. Ching

#### Materials/Supplies for Sketching on Trace and Taking Notes

- Pencils, eraser, colored pencils, and paper clips
- Roll of trace paper and graph paper – supplied, and scissors
- Highlighter or paper and pencil/pen
- Architectural scale ruler

#### Assignment 1. Student Sharing/Teaching Activity

Carefully read and take notes on the pages assigned to you – see chart below. The illustrations are important and include these in your study and explanation.

- Look up any terms you do not understand – for their meaning within design and architecture.
- Be ready to tell your classmates about the content of your page within a few minutes.
- Do not read the information – Interpret it.
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- Tell them what the illustrations mean regarding the content and what the symbols in the drawing s represent.
- Have the important terms highlighted in your book or clearly indicated in your notes to share with your classmates
- If you are going to be absent, email your notes (scan or photo), and text me and a classmate before class begins at 2:30. Or send them after class begins (within 24 hours) for a minimal late grade penalty.

#### Chapters 1, 4, 5 then 3. Prepare for first date.

Student	Sept 24,	Sept 29	
Student 1			
Student 2	2-5 6-9	66-69	
Student 3	10-13 14-17	70-73	
Student 4	18-21 118-121	74-77	
Student 5	122-125 126-129	78-81	
Student 6	130-133 134-137	84-87	
Student 7	138-141 142-145	88-91	
Student 8	150-153 154-157	92-93	
Student 9	158-161 162-165	92-93	
Student 10	166-169 170-173	94-97	
Student 11	176-179 62-65	98-101	
		102-105 106-107	

## Assignment 2. Space Planning Exercises

Due during class or as homework for the next class. Dates are approximate – see schedule below.

Sept. 24	Sep 29 – Group Work	Oct. 1	Oct. 6
#1, Page 22 in class	#5, Page 137 with comments	#9, Page 169	Final Exercise to be completed during class
#2, Page 125	#6, Page 139	#10, Page 174-175	
#3, Page 127	#7, Page 145	#11, Page 85	
#4, Page 135	#8, Page 157	#12, Page 87	

- After pages are explained/at the end of the reading sharing time, exercises will be completed during class and/or as homework
- Understand what the grid represents and the scale of the components
- Have your trace, scale ruler, pencils, eraser ready
- Use the same size trace paper. Put the page # and topic, and date on the same place on each sheet
- Draw freehand on trace over the image in the text
- Do not use a straightedge
- If you need practice sketching to scale, trace your CAD floor plans or the floor plans in the book. Develop a keen eye for the relationship of the sizes of interior components on plan drawings

## Assignment 3. Analysis Exercises

Gather Room Analysis – page 146-147

Hotel Lobby Critique – page 148-149

- Follow the directions
- Scan, print, and turn in.

## Assignment 4. Final Exercise

### Evaluation

*For late work – see syllabus.*

- 30% Reading explanations, thorough yet concise, information is not read from the book, included important terminology, prepared.
- 40% Completion of 12 Exercises, with indications of multiple approaches, and successful plans.
- 10% Terminology Notes: Submit your book with terms highlighted. Must be completed when information is shared.
- 20% Final In-class Exercise and 2 Analysis Exercises. Demonstrated ability to apply multiple plan terminology and concepts within a labeled solution. Space plan an interior environment with architectural and interior components within a class period. Interpret written directions and sketch to scale using grid/graph paper required.