

**SPRING 2006**  
**ID 321**  
**SYLLABUS**

**PROGRAMMING & SPACE PLANNING**

**COURSE INFO.**

Eiben Hall Rm. 120  
Tues/Thurs  
9:30 - 10:50 am  
Office Hrs: 8:30 - 9:30 am

**INSTRUCTOR INFO.**

**Joan Riggs, ASID**  
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**TEXTS**

**PROGRAMMING FOR DESIGN**  
Edith Cherry (1999)

**SPACE PLANNING BASICS**  
Mark Karlen (2003)

**REQ'D READING & RESOURCES**

**THE HIDDEN DIMENSION**  
Edward T. Hall (1969)

**CODE OF FEDERAL REGULATIONS**  
Dept. of Justice/28 CFR Part 36  
To Order Call: 1-800-514-0301

**GENERAL PURPOSE:** Study of the environment and behavior for the purposes of programming and space planning in the fields of interior design and architecture. Adjacency matrixes, bubble and block diagrams and case studies will be examined to determine appropriate space allocations when designing new interiors and adaptive reuse projects. Barrier-free and life safety and welfare building problems will be researched, solving design problems in commercial and residential environments.

**GOALS:** to develop students' WORKING knowledge of programming and space planning concepts and to formulate an appreciation of their pragmatic and practical applications to the design process; to synthesize program information and the design process; and to develop effective communication skills.

**OBJECTIVES:** Through the use of texts, exercises, guest speakers and project development, students will explore and explicate the following areas:

Design Vocabulary  
Client Interaction  
Information Organization  
Problem Synthesis

Critical Thinking  
Research  
Program Strategies  
Documentation

Problem Solving  
Goal Identification  
Quantitative Requirements  
Task Synthesis

**SUPPLIES:** (1) 1 1/2" - 2" 3-Ring Binder; (1) 3" diam. tube  
(1) 18" roll tracing paper  
All standard drafting supplies  
Sharpie markers (black & 4 other colors min.)  
(1) pad - 8 1/2" x 11" Grid Paper (1/4" scale)

## GRADING

A = 100-90%; B = 89-80%; C = 79-70%; D = 69-60%; F = < 60%

If grades fall below 70%, Deficiency Reports are sent to the registrar and your advisor.  
A 2.5 GPA is required for declared majors in the CUH Interior Design Program.

## REQUIREMENTS

**In-Class & Take-Home Exercises, Projects & Quizzes: 40%**

**Final Project: 40%**

**Final Exam: 20%**

## ASSIGNMENTS

Please read the assigned text and handouts *before* each class. Student participation in class discussion is required.

All **written work** is to be typed or printed via computer in a simple font style and double spaced. Identify each page with your name, date, class (ID 321) and semester/year. Staple your written work together.

All **Exercises, Projects and Presentation Materials, Binders and Tubes** are to be clearly labeled with your name, date, class (ID 321) and semester/year.

Assignments are due on the date assigned. Points will be deducted from your score for each day the assignment is late. Projects will be graded by the instructor and returned to the student with an evaluation. Student evaluations may occur, as well.

## ATTENDANCE

Attendance in class is mandatory and is Chaminade University's Policy. Four (4) unexcused absences may result in a failing grade. Please see the instructor if you have two (2) unexcused absences.

Absences on exam days due to illness will only be excused with proper medical verification. See instructor to make up the examination before the next class meeting.

- Tardiness and leaving the class early will effect your final grade.
- Please SILENCE all pagers and cell phones during class.
- Please see CUH Student Handbook for Code of Conduct.

**ID 321****PROGRAMMING & SPACE PLANNING****SPRING 2006 C A L E N D A R**  
**UNIT/READINGS DAY DATE****ASSIGNMENT**

<b>UNIT 1</b> (Cherry) Chapter 1	TUE	10-Jan	Syllabus Review/Course Introduction ASSESSMENT EXERCISE 1A - Mind Games EXERCISE 1B - THE HIDDEN DIMENSION EXERCISE 2A - "Creative Problem-Solving Test" and "Team Roles Test" EXERCISE 2B - Programming Articles
	THU	12-Jan	INTRODUCTION - Programming Background EXERCISE 2B - Programming Articles
<b>UNIT 2</b> (Cherry) Chapter 2	TUE	17-Jan	THINK ABOUT THINKING DUE: "TEST" Results DUE: Programming Articles - Presentation Vocabulary Handout
<b>UNIT 3</b> (Cherry) Chapter 3 (Cherry) Chapter 4 (Karlen)Chapter 3	THU	19-Jan	CLIENTS RESEARCHING THE PROJECT BACKGROUND
	TUE	24-Jan	IN-CLASS EXERCISE
<b>UNIT 4</b> (Cherry) Chapter 5 (Cherry) Chapter 6 Pena Handouts	THU	26-Jan	GOALS & OBJECTIVES INFORMATION GATHERING & ANALYSIS
<b>UNIT 5</b> Pena Handouts	TUE	31-Jan	QUIZ - UNITS 1, 2 & 3 ANALYSIS CARD TECHNIQUE
	THU	2-Feb	IN-CLASS EXERCISE
(Cherry) Chapter 7 (Cherry) Chapter 8 (Karlen)Chapter 1 pp. 1-7; & pg. 75	TUE	7-Feb	PROGRAMMING STRATEGIES/CONCEPTS QUANTITATIVE REQUIREMENTS/NEEDS DUE: Book Review - HIDDEN DIMENSION
	THU	9-Feb	IN-CLASS EXERCISE
	TUE	14-Feb	IN-CLASS EXERCISE
<b>UNIT 6</b> (Cherry) Chapter 9 Pena Handouts	THU	16-Feb	COST ESTIMATES & PROBLEM STATEMENT
<b>UNIT 7</b> (Karlen)Chapter 1 pp. 7-26 (Karlen) Chapter 2	TUE	21-Feb	SPACE PLANNING METHODOLOGY EXERCISE - Matrixes & Prototypes
	THU	23-Feb	FIRST PLANNING STEPS EXERCISE 6 - Bubble & Block Diagram

(Karlen) Chapter 3 (Karlen) Chapter 4 (Karlen) Chapter 5	TUE	28-Feb	ADA/SYSTEMS/INFLUENCES VIDEO - "Toward Universal Design" DUE: Criteria Matrixes & Prototypes
	THU	2-Mar	IN-CLASS EXERCISE - Bubble & Block Diag. Due: Bubble & Block Diagrams
Handouts Code Books	TUE	7-Mar	CODES FOR INTERIORS
(Karlen) Chapter 6	THU	9-Mar	DEVELOPING A ROUGH FLOOR PLAN IN-CLASS EXERCISE - Bubbles & Shells
<b>UNIT 8</b>	TUE	14-Mar	IN-CLASS EXERCISE
	THU	16-Mar	REVIEW OF SPACE PLANNING PROJECT CLIENT MEETING - REVIEW
20-Mar 24-Mar		S P R I N G   B R E A K   -   N O   C L A S S E S	
	TUE	28-Mar	PROJECT RESEARCH - type & context; similar spaces
	THU	30-Mar	PROGRAMMING DEVELOPMENT - analysis; needs; visual analysis chart - Problem Statement Development
	TUE	4-Apr	Continue Programming Development Due: Problem Statement
	THU	6-Apr	ROUGH SPACE PLANNING - Bubble/Block Diagrams
	TUE	11-Apr	Continue Rough Space Planning - shell & preliminary floor plan
	THU	13-Apr	EVALUATE SPACE PLAN WITH PROGRAM - evaluate & finalize Program/Floor Plan
	TUE	18-Apr	PRELIMINARY PLAN SET
	THU	20-Apr	PRELIMINARY PLAN SET
	TUE	25-Apr	PROJECT COORDINATION
	THU	27-Apr	DUE: PROJECT PROGRAM & SPACE PLAN
	MON	1-May	F I N A L S   W E E K
	FRI	4-May	PRESENTATION(S) TO CLIENT Spring Interior Design Portfolio Review (4-8pm)

