

DESCRIPTION

1. Course number and units: Architecture 201, section 1. 4 units.
2. Course title: DESIGN WITH PATTERN LANGUAGES. (Design I in 3 quarter sequence: Morphology and Design of Large Buildings and Towns. See description.)
3. Quarters offered: Fall.
4. Class meetings per week: TuTh 2 - 6.
5. Prerequisites: Graduate standing, or consent of instructors.
6. Instructors: Christopher Alexander, Ingrid F. King, Howard Davis
7. Final examination: None
8. Evaluation of student work for grading: Major design projects, assigned class work, class participation.

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For statement of objectives, description of subject matter, and other information, see overall description for 3 quarter sequence: MORPHOLOGY AND DESIGN OF LARGE BUILDINGS AND TOWNS.

SCHEDULE AND REQUIREMENTS

DESIGN OF A HOUSE ^{FOR YOURSELF} - 6 weeks

Week 1

Program, site, construction system and pattern language

Tu 9/26 Introduction: Aspects of pattern language design

Required for Th 9/28: Selection of site; individual building programs with square footage estimates; study of first group of patterns for a house.

Th 9/28 Presentation in class of design with first group of patterns. Sign up for individual crits on site for following week.

Required for Tu 10/3: Design of the first group of patterns on the site, and staking out of overall lay-out.

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Week 2

Overall layout on site

Tu 10/3 Scheduled individual crits on site. No class meeting.

Th 10/5 " " " " " " " "

Required for Tu 10/10: 1/4" drawing of site, with staked overall layout; 1/4" blocked out section; thumbnail sketches of overall building.

Week 3

Room organization and quality of interior space

Tu 10/10 Full scale visualization. Importance of last inch.

Tu 10/10 and Th 10/12

Design - primarily in studio - of next group of patterns. Scheduled individual crits.

Required for Tu 10/17: Drawing of room layout on 1/4" site drawing, where all design work done in studio has been checked and restaked on site. 1/4" section showing ceiling heights, interior walls, stairs and similar. 1/16" sketch model of building and site, in balsawood and clay.

Week 4

Construction system design

Tu 10/17 Building patterns with a post-and-beam, wood frame construction system.

Class review of first 3 weeks of design work.

Required for Th 10/19: Framing plans and structural section, 1/4" scale.

Th 10/19 Scheduled individual crits in studio.

Required for Tu 10/24: Selected structural details. Blocked out elevations, 1/4" scale.

Week 5

Finishes and detailing

Tu 10/24 Small scale patterns. Fine adjustment of design. Scheduled individual crits.

Required for Th 10/26: Selected finishing details. Selected interior and exterior elevations showing overall character of detailing, 1/4" scale.

Th 10/26 ^{review} Recording of design work in hardline drawings.
Scheduled individual crits.

Required for Tu 10/31: Hardline drawings representing final design.
Minimum requirements: Plans, 1 section, 2 elevations in 1/4" scale.
Selected details at larger scale. (Siteplan at 1/16" scale, if needed.)

Week 6

Final presentation

Tu 10/31 Presentation technique: Fine line pen-and-ink rendering.

Tu 10/31 and Th 11/2
Production of final drawings.

Final review of first project at the end of 6th week, time and date to be decided.

ORNAMENT IN BUILDINGS - 2 weeks

Week 7 and 8

MORPHOLOGY OF A CITY - 2 weeks

Week 9 and 10

Detailed schedule and requirements for second and third projects will be handed out later.