

**SYLLABUS  
COMMUNITY DESIGN AND SITE PLANNING (RED575L)  
SPRING 2016**

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Time: Full time Monday 3:00 – 6:00 p.m.  
Part time Monday 6:30 - 9:30 p.m.

**Objectives**

The primary objective of this course is to provide an understanding of the various planning and design issues that should be addressed as part of any real estate development project. The lab is intended to help students to be able to effectively visualize and communicate their ideas about a site. Students should complete the semester capable of assessing a property for its development potential, understanding the various factors that define the site's particular character, understanding the effect that zoning and jurisdictional standards have on the development potential of a site and preparing site plans for commercial, retail, residential, mixed-use projects of various densities. This course is not meant to teach architectural design or to stress drawing techniques; rather the emphasis is on understanding basic site planning concepts including circulation, open space, pedestrian access, parking, service and typical building layouts. However, these concepts can only be learned through hands-on experience in drawing and preparing site plans. Therefore, each of the assignments will require drawing.

**Organization**

The course is designed as a four-hour studio lab which meets once a week. It is important to recognize that lab or studio learning is of a different nature than lecture or seminar courses. Labs are labor intensive; they require many hours of thinking, drawing, re-drawing and refining concepts. Studios are effective only when students and faculty make a strong commitment of time. There are no shortcuts in this kind of learning. Students should expect to spend a minimum of two hours of "working time" outside of class for every hour in class.

Lectures will be given during each class session either by one of the instructors or by guests. The remainder of the class time will be studio learning, working on your assignment in class or presenting it to the class, instructors and guests. This will allow instructors time to work with each student individually to insure their understanding of the concepts being explored. Students should, therefore, bring their assignments and drafting materials to each class. Participation in the studio is mandatory. Most of the assignments will be done individually, although a few select assignments might be done in teams.

**Class Meetings**

Class meetings will be held from 3:00 to 6:00 p.m. or 6:30 to 9:30 p.m. on Mondays. Please be on time; the class will start promptly at 3:00 p.m. for full time students and at 6:30 p.m. for part time students. Typically, each class will be organized as follows:

3:00 - 6:00	Studio work and presentations (full time students)
6:00 - 6:30	Break
6:30 - 9:30	Studio work and presentations (part time students)

## Grading

Grades will be based on the following criteria:

Effort, class participation, attendance	20%
Assignment 1 through 6	80%

## Projects and Exams

Projects will be primarily two week assignments, to be worked on in class and at home. They will include site analysis and site planning concepts for residential, retail, office and mixed use developments. For each assignment you are expected to draw a site plan based on a land use program, and in some cases prepare a financial analysis or land use program.

## Required Materials

Since the course is a studio course, students must be prepared to work at a drawing table during every class meeting. **Students must have the following equipment by January 26<sup>th</sup>.**

- Pencils, pencil sharpener, eraser
- Selection of colored pencils and magic markers (see land use color palette)
- Black marker pens of various widths
- Tracing paper (white or yellow, 18"-24" width)
- Engineer's scale
- Circle template
- Straight edge
- Push pins, drafting tape, graph paper
- Camera

## These materials should be brought to every class

### Instructors

Carl F. Meyer, FAIA, Principal  
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## Readings

Since no single text exists that covers the course material, relevant writings, articles, etc. will be assigned throughout the semester.

### REQUIRED READING

1. The Image of the City, by Kevin Lynch MIT Press - 1977 (pages 1 - 120)
2. The City Shaped, by Piro Kostof, Bulfinch Press - 1993 (pages 29-37; 37-51; 69-82; 95-103; 199-205; 230-277)
3. The Death and Life of Great American Cities, by Jane Jacobs Vintage Books
4. The New Urbanism, by Peter Katz, McGraw Hill publisher (pages xvii - xlii)
5. Site Planning, Third Edition, by Kevin Lynch and Gary Hack (Chapter 1-3 & 9)
6. Charter of the New Urbanism, Congress of New Urbanism
7. Sustainable New Communities, Edited JoAllen Gause, ULI

### RECOMMENDED READING

1. The City in History, by Lewis Mumford
2. The Next American Metropolis, by Peter Calthorpe, published by Princeton Architectural Press.
3. A Pattern Language: Towns, Buildings, Construction: by Christopher Alexander, Sara Ishikawa, and Murray Silverstein, with Max Jacobson, Ingrid Fiksdahl-King, and Shlomo Angel; published by Oxford University Press.
4. Rediscovering the Center City by William H. Whyte, published by Doubleday.
5. Material Dreams; Southern California Through the 1920's, by Kevin Starr, published by Oxford University Press.
6. Good City Form, by Kevin Lynch, MIT Press - 1985.
7. Design on the Land, by Norman T. Newton The Development of landscape Architecture, Belknap Press - 1973
8. The Concise Townscape, by Gordon Cullen, Von Nostrand Reinhold publisher
9. Design of Cities, by Edmund N. Bacon, Penguin Books publisher.
10. Design with Nature, by Ian McHarg, Published by Doubleday for American Museum of Natural History.
11. Finding Lost Space - Theories of Urban Design, by Roger Trancik, Van Nostrand Reinhold publisher.
12. Urban Space, by Rob Krier, Rizzoli publisher, 1979, New York
13. Community by Design – New Urbanism for Suburbs and Small Communities, by Kenneth B. Hall and Gerald A. Porterfield.
14. Great Streets, Jacobs

### Related to Sustainability

1. Green Infrastructure, Benedict/McMahon
2. Renewable City, Droege
3. Green Development, Rocky Mountain Institute
4. Growing Cooler, Walters, et al – ULI
5. The Practice of Sustainable Development, Porter - ULI

## RECOMMENDED REFERENCE

The following references will be useful for developers in professional practice. The focuses of the texts are site planning and design. Even though developers may not actually design buildings, it is impossible to analyze project feasibility without some accurate idea of how buildings and sites are structured. Being able to check the work of designers is also a necessity, and these references will provide criteria for this process.

The books tend to be quite expensive, and should be carefully examined before being purchased. Although most of them are used infrequently, having them close at hand increases your ability to be precise and confident in making decisions. With the exception of the cost data, most of the information will not become obsolete in the near future. We have ranked them in order of overall value and importance with those at the top of the list being the most valuable.

Sources for purchasing the books are:

USC Bookstore

Hennessey and Ingalls Bookstore (310)458-9074, 1254 Third Street Promenade, Santa Monica  
Building News Bookstore (310)202-7775, near the intersection of the 10 fwy. & Overland, 10801 National Blvd., Los Angeles

Technical Book Company 310-475-5711, 2056 Westwood Blvd., Westwood

Or by mail order from the AIA Bookstore at (800) 365-2724

1. Architectural Graphic Standards, Eleventh Edition, by Ramsey and Sleeper
2. Urban Planning and Design Criteria, by Joseph DeChiara and Lee Koppelman Third Edition (or later)
3. Building Construction Illustrated, by Francis D.K. Ching, Second Edition
4. Site Planning Standards, by Joseph Chiara and Lee Koppelman
5. Architecture: Form, Space, and Order, by Francis D.K. Ching, Second Edition
6. Dictionary of Architecture and Construction, by Cyril Harris, Second Edition
7. Time-Saver Standards for Architectural Design Data, by John Hancock Callender, Sixth Edition
8. A Visual Dictionary of Architecture, by Francis D.K. Ching
9. Parking Structures: Planning, Design, Construction, Maintenance and Repair, by Anthony P. Chrest, Second Edition.
10. Simplified Engineering for Architects and Builders, by Harry Parker, Eighth Edition
11. Time Saver Standards for Housing and Residential Development, by Joseph DeChiara, A.I.A., Second Edition.
12. Time Saver Standards for Landscape Architecture, by Charles W. Harris
13. Time Saver Details for Store Planning and Design, by Charles E. Broudy, F.A.I.A.
14. Structure in Architecture, by Mario Salvadori (this is a layman's short course on structural engineering, and provides useful information about construction systems).
15. The New Western Garden Book, by the Editors of Sunset Books and Sunset Magazine (you will be surprised at how often you'll need to identify a tree or plant, and this has all of them).
16. Landscape Architectural Graphic Standards, by Leonard J. Hopper, RLA, FASLA

## RECOMMENDED MAGAZINES

If you are interested in subscribing to architectural magazines with the intention of keeping current on design trends, the following are publications to consider. They feature projects on a larger scale than what one might find in magazines like Architectural Digest (which is NOT a good source). Most of them have an international focus, and are an invaluable record of visual images.

They are available at the USC Bookstore, Hennessey & Ingalls, or sometimes from the larger newsstands.

1. Architectural Record
2. Architect (AIA member publication)
3. Progressive Architecture
4. Domus (Italy)
5. Abitare (Italy)
6. A+U (Architecture plus Urbanism) (Japan)
7. Landscape Architecture
8. Urban Land (ULI)

#### ULI BOOK LIST

1. Zero Lot Line Housing, by David R. Jensen/HOH Associates.
2. Density by Design, edited by James W. Wentling, AIA and Lloyd W. Bookout.
3. From Line to Design: Design/Graphics/Communication, by Scott Van Dyke.
4. Public/Private Housing Partnerships, by Diane R. Suchman, with D. Scott Middleton and Susan L. Giles.
5. Residential Development Handbook; Community Builders Handbook Series.
6. Mixed Use Development Handbook; Community Builders Handbook Series.
7. Great Planned Communities: ULI by JoAllen Gause / Steven Kellenberg
8. Sustainable Planned Communities, ULI edited by JoAllen Gause
9. Growing Cooler, ULI

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Washington, DC 20007

“Any student requesting academic accommodations based on a disability are required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me (or to TA) as early in the semester as possible. DSP is located in STU 301 and is open early 8:30 a.m. – 5:00 p.m., Monday through Friday. The phone number for DSP is (213) 740-0776.”

## **ACADEMIC RESPONSIBILITY**

"Students, faculty, and administrative officials at the University of Southern California, as members of the academic community fulfill a purpose and a responsibility.

The University must, therefore, provide an optimal learning environment, and all members of the University community have a responsibility to provide and maintain an atmosphere of free inquiry and expression. The relationship of the individual to this community involves these principles:

Each member has an obligation to respect:

1. THE FUNDAMENTAL HUMAN RIGHTS OF OTHERS
2. THE RIGHTS OF OTHERS BASED UPON THE NATURE OF THE EDUCATIONAL PROCESS
3. THE RIGHTS OF THE INSTITUTION

## **ACADEMIC DISHONESTY**

The following statements and examples explain specific acts of academic dishonesty.

1. Examination Behavior: Any use of external assistance during an exam is considered academically dishonest unless expressly permitted.
  - a. Communicating in any way with another student during the examination.
  - b. Copying material from another student's exam.
  - c. Using unauthorized notes, calculators or other devices.
2. Fabrication: Any intentional falsification or invention of data or citation in an academic exercise will be considered a violation of academic integrity.
  - a. Inventing or altering data for a laboratory experiment or field project.
  - b. Resubmitting returned and corrected academic work under the pretense of grader evaluation error, when, in fact, the work has been altered from its original state.
3. Plagiarism: Plagiarism is the theft and subsequent passing off of another's ideas or words as one's own. If the words or ideas of another are used, acknowledgement of the original source must be made through recognized referencing practice.
  - a. Direct Quotation: Any use of a direct quotation should be acknowledged by footnote citation and by either quotation marks or appropriate indentation and spacing.
  - b. Paraphrase: If another's ideas are borrowed in whole or in part and are merely recast in the student's own words, proper acknowledgement must, nonetheless, be made. A footnote or proper internal citation must follow the paraphrase material.
4. Other Types of Academic Dishonesty:
  - a. Submitting a paper written by another;
  - b. Using a paper or essay in more than one class without the instructor's express permission;
  - c. Obtaining an advance exam copy without the knowledge or consent of the

- instructor;
- d. Changing academic records outside of normal procedures;
  - e. Using another person to complete homework assignment or take-home exam without the knowledge and consent of the instructor.

The above information is taken directly from the SCampus and the Academic Affairs Unit of the Student Senate in conjunction with the Academic Standards Committee.

### **APPENDIX A: ACADEMIC DISHONESTY SANCTION GUIDELINES**

<b><u>VIOLATION</u></b>	<b><u>RECOMMENDED SANCTION</u></b> <i>(assuming first offense)</i>
Copying answers from other students on exam.	F for course.
One person allowing another to cheat from his/her exam or assignment.	F for course for both persons.
Possessing or using extra material during exam (crib sheets, notes, books, etc.)	F for course.
Continuing to write after exam has ended.	F or zero on exam.
Taking exam from room and later claiming that the instructor lost it.	F for course and recommendation for further disciplinary action (possible suspension).
Changing answers after exam has been returned.	F for course and recommendation for disciplinary action (possible suspension).
Fraudulent possession of exam prior administration.	F for course and recommendation for suspension.
Obtaining a copy of an exam or answer key prior to administration.	Suspension or expulsion from the University; F for course.
Having someone else take an exam for oneself.	Suspension or expulsion from the University for both students; F for course.
Plagiarism.	F for the course.
Submission of purchased term papers or papers done by others.	F for the course and recommendation for further disciplinary action. (possible suspension)
Submission of the same term papers to more than one instructor where no previous approval has been given.	F for both courses.
Unauthorized collaboration on an assignment.	F for the course for both students.

Falsification of information in admission application (including supporting documentation).

Revocation of university admission without opportunity to apply.

Documentary falsification (e.g., petitions and supporting materials medical documentation).

Suspension or expulsion from the university; F for course when related to a specific course.

Plagiarism in a graduate thesis or dissertation.

Expulsion from the university when discovered prior to graduation; revocation of degree when discovered subsequent to graduation.

Please refer to *Trojan Integrity: A Faculty Desk Reference*, for more information on assessing sanctions. You may also consult with members of the Office of Student Judicial Affairs and Community Standards at any point in the process, (213) 740-6666

**Note:** The Student Conduct Code provides that graduate students who are found responsible for academic integrity violations may be sanctioned more severely than Appendix A suggests.