

INTERMEDIATE ARCHITECTURAL DESIGN I: SYLLABUS

ARCH 281 Fall 2005

Department of Architecture
School of Architecture and Allied Arts
University of Oregon

CATALOGUE DESCRIPTION Studio projects for second-year undergraduates. Integration of issues of context, activity support, spatial order, construction, structure, and environmental control. Emphasis on schematic concept formation and subsequent architectural development. Prerequisite: ARCH 182. (Six credits)

OVERVIEW In architecture 281 students conduct an intensive study of an urban street as a means to develop research, design and collaborative skills. The course begins with considering boundaries, thresholds and transitions. Next, students bring these concepts to analyze and document a downtown area. The students then use this site analysis to design an infill building in this area, with emphasis on the public interface.

Members of the community are invited to play the role of "client" in a simulation of the programming phase of the architectural design process. Students make field visits and conduct interviews to determine spatial and equipment requirements. They assimilate this information with their analysis of site conditions and relevant guidelines and regulations to develop a working program that informs decisions about building organization, space, structure and construction. Lectures, screenings and selected readings will address theory central to these design challenges.

INSTRUCTORS	CRN	STUDIO
Lars Bleher, assistant professor office: 219 Lawrence, tel: 346-2141, e-mail: lub@uoregon.edu office hours: Tues 2:00-4:00	11243	220 PAC
Nancy Cheng, associate professor and coordinator office: 204c Pacific, tel.: 346-3674, e-mail: nywc@uoregon.edu office hours: Wed 5:00-6:00, Fri 11:00-12:00	11246	208 PAC
Scott Clarke, adjunct assistant professor office: 204 Pacific, tel.: 342-7291, e-mail: sclarke@wbgs.com office hours: Wed 5:00-6:00	16928	213 PAC
David Kal, adjunct assistant professor office: 204 Pacific, tel.: 344-4082, e-mail: dkal3@yahoo.com office hours: MW 11-12:00	16927	211 PAC
Brook Muller, assistant professor office: 263 Onyx, tel: 346-3647, e-mail: bmuller@uoregon.edu office hours: Tues 2:00-4:00	11244	218 PAC
Jill Salter, adjunct assistant professor office: 204 Pacific, e-mail: jsalter@uoregon.edu office hours: Th 12:30-2:30	11245	223 PAC
Randy Teal, adjunct assistant professor office: 204 Pacific, tel.: 337-5679, e-mail: rteal@tealstudio.com office hours: F 12:00-1:00	11242	222 PAC

MEETS	MWF 1:00 - 4:50 on the second floor of Pacific Hall, Monday lectures 1-2 in Fenton 110. See syllabus for additional special meeting locations. Note: Some rescheduling with advance notice will take place to accommodate final reviews, visitor schedules and instructor schedules.
LEARNING	<p>Students will advance their architectural design skills by developing abilities:</p> <ul style="list-style-type: none"> ▪ to understand how interrelated forces and policies affect the form of an urban district ▪ to analyze site and program information to inform design decisions ▪ to respond to the built environment in the selection of a site, the development of a program and the design of a project ▪ to apply ordering, egress and construction principles to architectural spaces. ▪ to develop collaborative skills ▪ to improve verbal, graphic and critical thinking skills
INSTRUCTIONAL METHODOLOGY	This course is organized as an interactive studio in which students engage in independent project-based learning. Faculty support student explorations by informing students of resources, suggesting approaches and methods, as well as raising questions for group discussion. Peer teaching between students an essential part of the studio, as important as teaching by instructors. Class meetings include a variety of communication and project development formats including desk critiques, pin-ups, reviews, in-class discussions, teamwork sessions, lectures, and occasional field trips.
TEXTS	<p>The following books will be available for purchase at the U of O bookstore.</p> <p>Jacobs, Allen B., <i>Great Streets</i> (NA9053.S7 J23 1995)</p> <p>Lynch, K., <i>Image of the City</i> (NA9108.L9 1962)</p> <p>Ramsey-Sleeper, <i>Architectural Graphic Standards</i> (TH2031 .R35 2000)</p> <p>Laseau, Paul, <i>Graphic Thinking for Architects and Designers</i> (NA2705 .L38 2001)</p>
BIBLIOGRAPHY	<p>Additional books, reports, articles will be available in the studio and library.</p> <p>Allen, Edward & Joseph Iano, <i>Architect's Studio Companion</i>, 3rd edition (NA2750 .A556 2002)</p> <p>Brand, Stewart. <i>How Buildings Learn</i> (NA2542.4 .B73 1994)</p> <p>Ching, Francis & Steven Winkel, <i>Building Codes Illustrated</i> (TH420 .C49 2003)</p> <p>Gehl, Jan, <i>Life Between Buildings</i> (HT166.G4413 1987)</p> <p>Habraken, N. John, <i>The Structure of the Ordinary</i> (NA2760.H33 1998)</p> <p>Hayden, Dolores, <i>The Power of Place: Urban Landscapes as Public History</i></p> <p>Hertzberger, Herman, <i>Lessons for Students in Architecture</i> (NA2750.H45 1998)</p> <p>Hester, Randy, "Subconscious Landscapes of the Heart" (<i>Places</i>, vol. 2, no.3) (HD101.P32)</p> <p>Jackson, John Brinkerhoff, <i>A Sense of Place, a Sense of Time</i> pp. 151-163 (F796 .J27 1994)</p> <p>Lynch, Kevin, "A Walk Around the Block" (NA9085.L96 A4 1990) pp. 184-204</p> <p>Lewis, Pierce, "Axioms for Reading the Landscape," (GF90.I57) pp. 11-32.</p> <p>Linton, Harold, <i>Portfolio Design</i> (NA2714 .L56 1996)</p> <p>Rasmussen, Steen Eiler, <i>Experiencing Architecture</i> (NA2550.R313 1962)</p> <p>Unwin, Simon, <i>Analysing Architecture</i> (NA2750.U58 2003)</p> <p>White, Edward T., <i>Site Analysis</i> (NA2540.5.W48 1983)</p> <p>Whyte, William, <i>The Social Life of Small Urban Spaces</i> (HT153.W49)</p> <p><i>Places</i>, vol. 11, no. 2 a special issue on streets. (HD101.P32)</p>
COURSE WEBSITE	http://design.uoregon.edu/281.05/

REQUIREMENTS	<p>ARCH 281 students are expected to:</p> <ul style="list-style-type: none"> ▪ participate actively in studio discussions. ▪ identify issues relevant to the project assignment. ▪ gather pertinent information in the field, on line, and in the library. ▪ evaluate project needs, opportunities and constraints. ▪ develop appropriate design concepts, which reflect community and client aspirations and are compatible with the context. ▪ document and present design work using the assigned formats and media. ▪ conduct themselves professionally: This includes respecting the rights and property of others, and performing community service obligations in the studio. ▪ work cooperatively with other students and complete their share of team projects satisfactorily. ▪ complete assignments and contribute to the course web site on time. All original drawings and models completed as course requirements are the property of the Department and may be retained permanently by the Department. Students whose work is selected for inclusion in the department archives will have the opportunity to photograph or otherwise reproduce the work for their portfolios.
EVALUATION	<p>Performance in ARCH 281 will be graded on a pass/no pass basis only. Student work will be assessed with the Department of Architecture’s studio evaluation form. Students are required to attend the end of term exit interview with their studio instructor. A deferred grade will be given only in accordance with University regulations. It will not be given for incomplete projects.</p>
ATTENDANCE POLICY	<p>ARCH 281 students are expected to attend all studio meetings, be on time and stay for the entire session. No unexcused absences are permitted. Excused absences such as illness or personal emergency must be reported to the studio instructor prior to missed class. Students who have missed three classes could result in a No Pass grade and are required to meet with their instructor before returning to studio.</p>
STUDENTS NEEDS	<p>If you have special needs and anticipate needing accommodations in this course, please make arrangements to meet with your instructor soon. Please document any disabilities with a letter from the counselor for students with disabilities.</p>
COMMUNITY STANDARDS	<p>The University community is dedicated to the advancement of knowledge and the development of integrity. In order to thrive and excel, this community must preserve the freedom of thought and expression of all its members. A culture of respect that honors the rights, safety, dignity, and worth of every individual is essential to preserve such freedom. Students are expected to conduct themselves in a manner that respects the rights and well-being of others.</p>
ACADEMIC HONESTY	<p>Students should be familiar with University policies related to academic integrity and consequences for dishonest conduct. All work submitted should be your own and all sources should be cited.</p>
PORTFOLIOS	<p>For each project, students will create a summary portfolio presentation with reflections about design thinking, media and process. Students are encouraged to get incremental feedback to incrementally develop a refined version of the portfolio, to be collected at the end of the term.</p>

SCHEDULE

- 1 THRESHOLD** FROM CONCEPT TO FORM
Mon 9/26 Course & Threshold introduction (Cheng, Muller, Salter) 1pm-2pm in 110 Fenton {Thur 9/29 the 100th Alberta Street Artwalk, 5-9pm}
Fri 9/30 Threshold pin-up, Site Analysis planning, Computer move-in
Norberg-Schulz, C., *The Phenomenon of Place*
Unwin, Simon, *Analysing Architecture*, "Transition, Hierarchy, Heart", pp. 195-202
Lynch, K. *Image of the City, esp. Ch. 3*
Hester, R., "Subconscious Landscapes of the Heart" (Places, vol. 2, no.3)
- 2 CONTEXT ANALYSIS** LOOKING AT THE CITY
Mon 10/3: All-day field trip. 7:45 depart from Lawrence parking lot, return by 5:00
Jacobs, A., *Great Streets*, Ch 1-2
Lynch, K., "A Walk Around the Block" pp. 184-204
Historic American Building Survey Guidelines
White, Edward T., *Site Analysis*, pp.18-20, 40-43, 116-122
- 3 CONTEXT ANALYSIS** FINISH ANALYSIS & DOCUMENTATION
Mon 10/10: Lecture on Reading the City (S.Clarke), 1pm-2pm in 110 Fenton
Jacobs, A., *Great Streets*, Ch. 3-4
Gehl, J., *Life Between Buildings*, Places for walking Places for staying, pp.131-151
Lewis, P., "Axioms for Reading the Landscape," pp. 11-32.
Fri 10/14 Site Analysis pin-up
- 4 URBAN BUILDING** CONTEXT & PROGRAM TO CONCEPT TO DIAGRAM
Mon 10/17 Presentation on Getting Started (R.Teal, D.Kal), 1-2pm in 110 Fenton
Maslow, A., *The Farther Reaches of Human Nature*, Ch. 4 The Creative Attitude
Laseau, P., *Graphic Thinking for Architects & Designers*, Analysis, pp.81-113
White, Edward T., *Site Analysis*, pp. 129-140
- 5 URBAN BUILDING** ORDER, STRUCTURE, EGRESS
Mon 10/24: Lecture on Media (N.Cheng), 1-2pm in 110 Fenton. Portfolio Workshop
Fri 10/28: First mid-review
MacCormac, R., "Anatomy of Wright's Aesthetic"
Ching, F., *Space, Form & Order*
Laseau, P., *Graphic Thinking...*, Exploration & Discovery, pp.115-161
Allen, E. & Iano, J., *Architect's Studio Companion*, Designing for Egress pp. 243-294
Ching, F. & S. Winkel, *Building Codes Illustrated, excerpt*
- 6 URBAN BUILDING** FACADES
Mon 10/31: Lecture on Thinness into Thickness (B.Muller), 1-2pm in 110 Fenton
Habraken, N. J., *Structure of the Ordinary*, pp.164-169
Rasmussen, S., *Experiencing Architecture: Contrasting Effects of Solids & Cavities, Scale & Proportion, Rhythm in Architecture*
- 7 URBAN BUILDING** DAYLIGHTING
Mon 11/7: Lecture on Interiors, (L.Bleher), 1-2pm in 110 Fenton
Fri 11/11: Second mid-review
Millet, M., *Light Revealing Architecture*
Rasmussen, S., *Experiencing Architecture*, Light in Architecture
- 8 URBAN BUILDING** ENTRANCE AND ROOM DEVELOPMENT
Hertzberger, Herman, *Lessons for Students in Architecture*
- 9 URBAN BUILDING** REFINEMENT & PRESENTATION
Fri 11/25: Thanksgiving Holiday - no class
- 10 REVIEW WEEK** PORTFOLIO DEVELOPMENT & EXIT INTERVIEWS
Tues 11/29 Final review
Linton, Harold, *Portfolio Design*
- 11 REFLECTIONS** PORTFOLIOS DUE, FURTHER EXIT INTERVIEWS

Exit interviews will be scheduled during weeks 10 & 11. Check with your professor prior to making travel arrangements.