



Los Angeles Institute of Architecture and Design



West Los Angeles College

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## Course Syllabus – Spring Semester 2014

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**WLAC Course: ENV 102: Foundations of Design 2 (CSU) 3.00 units**

*LAIAD Course: ARCH 211A: Basic Architectural Design 1*

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### PRE-REQUISITE / CO-REQUISITE

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**WLAC Pre-requisite: Env 101 and Arc 172**

*LAIAD Pre-requisite: ARCH 111A AND ARCH 111B*

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### SCHEDULE / LOCATION

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**8:00 pm – 9:45 pm M, Th at LAIAD, 3807 Wilshire Bl. Suite 330**

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### FACULTY

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Carl Smith, AIA 213 422 6991 [CSmith@LAIAD.com](mailto:CSmith@LAIAD.com)

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### OFFICE HOURS

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**By Appointment.** The instructor is available during business hours for consultation outside of class. Students are encouraged to seek help and bring concerns to the instructor during this time. Please don't hesitate to ask for help or assistance if you need it, or to discuss any concerns you have regarding the class.

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### COURSE DESCRIPTION

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**ENV 102: Foundations of Design 2:** A continuation of Env 101. An introduction to the processes of basic architectural design through studio projects addressing the relationship between idea, structure, function, and form. Design projects are assigned that involve concepts such as hierarchy, transition and connection as they relate to simple spatial constructs. The development of a clear relationship between architectural form language and spatial idea is stressed.

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### REQUIRED READING

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**Far from Equilibrium: Essays on Technology and Design Culture Sanford Kwinter 2008**

Try Amazon.com or other online book sellers for the best prices on this titles.

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### LEARNING OBJECTIVES

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1. Demonstrate conceptual design skills by formulating a design concept, finding relevant materials to support the concept and by developing a rule-based formal system based on these materials.
2. Demonstrate the ability to generate an architectural form language based on a rule set, utilizing a consistent hierarchy and dialog between parts while developing rules to control their interaction.
3. Demonstrate their ability to analyze the spatial potential of an abstract object through sections illustrating cut objects, and foreground/background relationships.
4. Graphically describe the spatial and formal qualities of a project through plans, sections and elevations.
5. Understand the basic principles of an architectural program. Demonstrate their ability to analyze an architectural program by illustrating proximity and scale relationships.
6. Develop a conceptual relationship between a project and a building site with some understanding of orientation and access for pedestrians and vehicles. Students must also demonstrate integration

- between their project and the ground plane.
7. Demonstrate their understanding of graphic, 3D, and oral presentation through desk critiques, class discussions, individual presentations and pin-ups and final jury presentation.

## **COURSE CONTENT**

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Architecture 211A and 211B are taught concurrently, and with inter-related projects.

In general, Architecture 211B deals with the drawing and presentation aspects of an assigned project, and Architecture 211A deals with the theoretical, conceptual and design aspects of the same problem.

1. Conceptual Design. Development of design concept, identify relevant source material and the development of an idea-based rule set
2. Form Language Development. Development of form language with idea-based rule set, understanding hierarchy, understanding dialog and developing rule-based interactions.
3. Basic / Intermediate techniques of spatial analysis. Sectioning, cutting plane and foreground/background
4. Basic / Intermediate techniques of architectural drawing. Presentation plans, presentation sections and presentation elevations
5. Introduction to Architectural Program. Overview of architectural program, program analysis – proximity relationship and program analysis - scale relationship
6. Introduction to Site. Development of a site idea, orientation, access and ground plane integration
7. Basic / Intermediate Techniques of Architectural Presentation. Digital communication (2D and 3D), physical model making and verbal presentation

## **JOURNALS**

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Each student is required to bring to all lectures a hardbound journal (sketchbook). These journals will be reviewed at the end of the Semester.

## **EVALUATION GUIDELINES AND PROCEDURES:**

1. Students are evaluated for individual progress using the following criteria:
    - A. Attendance and contribution to studio, lectures, and field trips.
    - B. Evidence of motivation / perseverance.
    - C. Development of skills and abilities listed under learning objectives.
    - D. Willingness to explore alternatives and take risks.
    - E. Willingness to accept criticism.
  2. In terms of the criteria listed above the design studio activities are weighted approximately as follows:

(3) Studio projects (tbd) 25% each	75%
Attendance and Participation	15%
<u>Instructor Discretion</u>	<u>10%</u>
<b>TOTAL</b>	<b>100%</b>
  3. Grades given on LAIAD transcripts will be traditional A,B,C F grading. No grades of D will be given.
  4. Equal Grades will be given on West Los Angeles College Transcripts if student is enrolled at WLAC for credit.
  5. Attendance is mandatory. Students missing 25% of classes will be subject to dismissal.
  6. **No studio project assignments will be accepted for full credit if late or unfinished.**
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## SCHEDULE

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See individual design assignments for particular schedule. Homework will be assigned on a daily basis.  
**Attendance is mandatory.**

Week	Day	Date	Subject Matter
0	Thur	Feb 6	<b>Introduction:</b> Atom V3 – phase I Project Assigned
1	Mon	Feb 10	
	Thur	Feb 13	
2	Mon	Feb 17	
	Thur	Feb 20	
3	Mon	Feb 24	
	Thur	Feb 27	School Lecture (no class meeting)
4	Mon	Mar 3	
	Thur	Mar 6	
5	Mon	Mar 10	
	Thur	Mar 13	
6	Mon	Mar 17	Atom – phase I model due – Assign phase II Mass (digital only)
	Thur	Mar 20	Atom – phase I drawings + 3D views due 11 x 17 (turn in)
7	Mon	Mar 24	
	Thur	Mar 27	
	Mon	Mar 31	MOTA project assignment
	Thur	Apr 3	
8	Mon	Apr 7	Spring Break – No Class
	Thur	Apr 10	Spring Break – No Class
9	Mon	Apr 14	Mass – phase II drawings + 3D views due 11 x 17 (turn in)
	Thur	Apr 17	MOTA site adaptation
10	Mon	Apr 21	
	Thur	Apr 24	
11	Mon	Apr 28	
	Thur	May 1	
12	Mon	May 5	
	Thur	May 8	Complete design and <b>begin final presentation</b>
13	Mon	May 12	... Presentation
	Thur	May 15	... Presentation
14	Mon	May 19	... Presentation
	Thur	May 22	... Presentation
15	Mon	May 26	<b>Memorial Day – No Class</b>
	Thur	May 29	... Presentation
	<b>Sat</b>	<b>May 31</b>	<b>FINAL JURY – All Work Due (Saturday, 10am)</b>