



Los Angeles Institute of Architecture and Design



West Los Angeles College

Course Syllabus – Spring Semester 2014

WLAC Course: ARC 201: Architectural Design I (UC:CSU) 3.00 Units

LAIAD Course: Arch 311A, Intermediate Architectural Design 1

PRE-REQUISITE / CO-REQUISITE

Co-requisite: Architecture 311B

SCHEDULE / LOCATION

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

FACULTY

Carl Smith, AIA 213 422 6991 CSmith@LAIAD.com

OFFICE HOURS

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.

COURSE DESCRIPTION

ARC 201 Architectural Design I: is a continuation of Env 102. The conditions, principles and issues that are considered in the decision making process of architectural design are studied in the context of studio projects. This course involves the integration of architectural issues like program, site and context into design solutions. The development of a personal architectural design process and form language is stressed.

REQUIRED READING

Flatland – Edwin A Abbott

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

LEARNING OBJECTIVES

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 functional plan layout of a given architectural program. Develop a design solution that uses appropriate materials, construction systems, structure systems, assembly systems, envelope, finish and form.

COURSE CONTENT

The conceptualization and development of architecture in relationship to design concept, ordering ideas, and corresponding formal language.

Primary design considerations include, program, function, adjacencies, and circulation.

The design process should also consider energy efficiency strategies, materials and methods, and structural systems.

Conceptual Design

- A. Development of design concept
- B. Identify relevant source material
- A. Development of an idea-based rule set

Form Language Development

- A. Development of form language with idea-based rule set
- B. Understanding hierarchy
- C. Understanding dialog
- D. Developing rule-based interactions

Site Analysis

- A. Development of a site idea
- B. orientation
- C. Access
- D. Ground plane integration

Architectural programming: function, adjacencies, dimensional allocation, hybrid conditions, cultural/social norms, and rituals.

Tectonics: materials, construction systems, structure systems, assembly systems, envelope, finish, and form.

Intermediate Techniques of Architectural Presentation

- A. Digital communication (2D and 3D)
- B. Physical model making
- C. Verbal presentation

JOURNALS

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%
Instructor Discretion	10%
TOTAL	100%

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.**

SCHEDULE

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	Introduction: 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 begin final presentation
13	Mon	May 12	... Presentation
	Thur	May 15	... Presentation
14	Mon	May 19	... Presentation
	Thur	May 22	... Presentation
15	Mon	May 26	Memorial Day – No Class
	Thur	May 29	... Presentation
	Sat	May 31	FINAL JURY – All Work Due (Saturday, 10am)