




---

**Course Syllabus – Spring 2014**


---

**WLAC COURSE: Arch 160 – Computers For Designers (CSU) 3.00 Units***LAIAD Course: ARCH 121 – Digital Graphic applications***PRE-REQUISITE / CO-REQUISITE**

none

**SCHEDULE / LOCATION****6:00 pm – 8:00 pm M, Th at LAIAD, 3807 Wilshire Bl. Suite 330****FACULTY**Alan Guillen [alan.guillen.arch@gmail.com](mailto:alan.guillen.arch@gmail.com), [aguillen@LAIAD.com](mailto:aguillen@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**

This course is an introduction to Photoshop, InDesign and Illustrator geared toward architects, and interior designers. Emphasis on how designers can optimize and understand the role of digital medium in today's design industry.

**RECOMMENDED READING**

Adobe Creative Cloud Design Tools All-in-One For Dummies – Jennifer Smith  
 Architectural and Program Diagrams (Construction and Design Manual) 1 and 2  
 Data Flow 1 and 2: Visualizing Information in Graphic Design  
 Design Basics Index – Jim Krause

Other Recommended Resources

**Self Paced Tutorials**

Downloadable / Viewable at:

<http://www.lynda.com/>

Youtube.com

GOOGLE It

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

**LEARNING OBJECTIVES**

1. Learning and understanding of the basic design software interfaces / tools.
2. Understanding the difference between vector and raster graphics
3. The integration of multi software applications into a single work flow.
4. Using digital software as a communication and design tool.
5. Ability to communicate design, space, and conceptual relationships through a 2D presentational graphic.
6. Writing Presentation skills.
7. Diagramming of projects, translation of a complex idea into a clear language.
8. Project presentation fundamentals, layout composition, hierarchy and design.
9. Determining the appropriate presentation size, graphics, fonts, etc.
10. Design an organizational system for the presentation content.
11. Emphasis on developing diagrams to clearly illustrate design intent and thinking.

## **COURSE CONTENT**

---

A series of in class lectures that introduce the student to the software tools used in creating content for architectural presentations and documentation. The course will consist of continuing in class discussions with the students on their individual design work, developing strategies on how to represent and convey ideas that are manifested into graphics and layouts, while producing additional content to reinforce those ideas where applicable.

Course content includes:

Brief history of computers and its impact on the design industry.

Brief computer hardware and operating system overview.

### **Photoshop**

File Formats

Selection methods

Image size and canvas size

Layers

Brushes and painting tools

Editing tools, including scale, rotate, distort, etc.

Filters

Adjustment layers

Color correction

Retouching

Clipping Mask

Compositing of images

File management and linking

### **Illustrator**

File Formats

Selection methods

Editing tools, including scale, rotate, distort, etc.

Pathfinder and clipping mask

Layers

Vectorizing scanned image

File management and linking

Text control using kerning, leading, and type on path

File formats for design based software, including pro's and con's of raster and vector files.

Transferring digital data from one software to another.

Including pdfs and Autocad files

## **JOURNALS**

---

Each student is required to bring to all classes a hard-bound journal (sketchbook). These journals will form a record of your thoughts and ideas. Faculty may also make sketches and notes in your journal relative to your projects. 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. Development of skills and abilities listed under learning objectives.
  - B. Attendance and contribution to studio, lectures, and field trips.
  - B. Evidence of motivation / perseverance.
  - 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:

Studio projects	75% (number of projects may vary)
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.**

### TENTATIVE SCHEDULE: Spring 2014

See individual design assignments for particular schedule. Homework will be assigned on a daily basis. Attendance is mandatory to all class meetings.

Week	Day	Date	Subject Matter
0	Thur	Feb 6	<b>Project 1a Assigned</b>
1	Mon	Feb 10	
	Thur	Feb 13	Project 1a Due, Outlines assigned
2	Mon	Feb 17	Outlines due, project 1b Assigned
	Thur	Feb 20	Lecture - demo
3	Mon	Feb 24	Lecture - demo
	Thur	Feb 27	Lecture - demo
4	Mon	Mar 3	Lecture - demo
	Thur	Mar 6	In class crits
5	Mon	Mar 10	<b>Project 1b Work due - Project 2 Assigned</b>
	Thur	Mar 13	Lecture - demo
6	Mon	Mar 17	Lecture - demo
	Thur	Mar 20	In class review
7	Mon	Mar 24	In class review
	Thur	Mar 27	In class review
8	Mon	Mar 31	In class review
	Thur	Apr 3	<b>Project 2 Work due</b>
9	Mon	Apr 7	<b>Spring Break</b>
	Thur	Apr 10	<b>Spring Break</b>
10	Mon	Apr 14	<b>Project 3 Assigned</b>
	Thur	Apr 17	Lecture - demo
11	Mon	Apr 21	Lecture - demo
	Thur	Apr 24	Lecture - demo
12	Mon	Apr 28	Lecture demo
	Thur	May 1	In class review
13	Mon	May 5	In class review
	Thur	May 8	In class review
14	Mon	May 12	In class review
	Thur	May 15	Lecture - demo
15	Mon	May 19	Lecture - demo
	Thur	May 22	<b>Pre final review.</b>
16	Mon	May 26	<b>Memorial Day - No Class</b>
	Thur	May 29	<b>Last Day of Class</b>
17	<b>Sat</b>	<b>May 31</b>	<b>ALL WORK DUE -Final Jury on Saturday May 24</b>