

**instructor**

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**meetings**

Two Workshops  
(Principles + Process)  
1/19 & 1/20, 10:00-17:00  
One Exhibit (Projects)  
2/2, 10:00-14:00  
Location: LA 206

**crn**

407: 27746  
507: 27747

**resources**

IES-VE  
Radiance  
Visualizations

**credits**

2cr. hr

**grading**

graded or P/N

**format**

interactive workshop with lectures & demonstrations. The resultant work will be the basis for a collaborative exhibit and a booklet. The workshops will cover demonstrations of daylighting and facade calculators, simulation software, and visualizations.

**prerequisites**

Arch 4/592 preferred but not required

**course objectives**

this seminar/workshop investigates the design process and performance of the designed aperture in 25 facades representing starchitects' iconic buildings. The selected projects/architects are based on caricature Archiwindows by architect/illustrator Federico Babina. The workshop is intended to investigate different window typologies from space aesthetic, daylighting performance, and façade programming. The workshops will introduce students to: (1) Principles of Daylighting Metrics, (2) Practice of Façade Design, (3) Procedure for Computing and Measuring Daylighting Performance, and (4) Projections and Visualizations. The workshops will use a hands-on learning approach for the design and analysis mini façade project. Software demonstrations will be applied to projects during class sessions.

**Special Topics in High Performance Architecture****Starchitects' Facades: Poetics + Performance**