DESCRIPTION
This course surveys how Autodesys FormZ software can be used to develop and present architectural design ideas.

LEARNING OBJECTIVES
To understand the design possibilities of geometric modeling
To explore lighting & material alternatives with digital renderings.

SCHEDULE
This 1-credit independent study will be taught in 112 Lillis Tuesday and Thursday 4-5:50 on dates that complement the Arch 610 Introduction to Architectural Computer Graphics:

Thurs Nov. 10  Rendering 1: Interface & Navigation, Lighting, Selection, Surface Styles
Tues Nov 15  Modeling 1: Creating & transforming basic objects
Thurs Nov 17  Modeling 2: Using precision & organizing tools, further creation & editing
Tues Nov 22  Rendering 2: Materials, Texture Mapping, Rendering options
Thurs Dec 1  Review session
Thurs Dec 8  Final Review (date negotiable)

REQUIREMENTS
Students will attend all sessions, perform hands-on computer design exercises and submit 3 homework assignments in weeks 8, 9 and 11.

EVALUATION
28% Assignment 1
28% Assignment 2
28% Assignment 3
16% Participation

Assignment criteria: concept, design quality, technical competence and completeness.

REQUIRED EQUIPMENT
Each student must bring a laptop computer running FormZ5.5 to the class sessions.