**Capstone residential design project**

In this final project, you will assume the role of an Architect and design an addition to a client’s home.

This will be done in several steps:

1. Identify the client and develop the “scope” of the proposed project
2. Complete a client survey and do a “schematic design” of the project
3. Complete the “Property Ownership” assignment and research the legal description of your client’s property
4. Complete the “Land Development Code” assignment and research the zoning requirements for the project: the residential zone, the set-backs, height limits, maximum structure size, maximum floor area ratio (FAR), and other details.
5. Write an Architect’s “client fee proposal” using the template and guidelines provided
6. Prepare “design development drawings” using either Revit or hand-drawings.
7. Present to class

Assignment #1: Select a client and property, and decide on the scope of the project

1. Choose a suitable house to work on. It could be the home you live in, or a neighbor’s or relative’s home - just make sure they don’t mind you measuring every nook and cranny of their house.

As an alternative, you can take the approach that you’re designing a client’s “dream home”. You could start with a house featured in an architectural magazine, for example, and make changes/modifications to that.

1. Sit down with your client and discuss the “scope” of the proposed project. Do some rough sketches together. Come up with a description of the project: “First floor living room addition consisting of approximately 350 square feet”… “Adding a bedroom and bathroom on the West side of house”…. “Adding a sunroom off the existing dining area on the first floor”…. “Combine 2 bedrooms on second floor into 1 larger bedroom plus a bath”… that’s just a few examples.

Due for this assignment

1. Name and address of client
2. Location of the project, if different from #1
3. A few sentences describing the scope of the project
4. A rough sketch, including as many dimensions as possible at this point
5. Any other information you think is pertinent