

48-749 Parametric Modeling with BIM

Fall Semester • 6-12 units • R 01:30-04:20pm

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Parametric Modeling with BIM Assignment 1

Due 10 September 2009, 01:00pm

Following lectures 1 and 2, use Revit Architecture 2010 to model any one of the given buildings. Both of these buildings are LEED certified. We may use these buildings in the following assignments.

- a. 300 S Craig St or
- b. New House

The floor plans will be available on the blackboard.

	
<p>300 S Craig St: First Floor Plan</p>	
	
<p>New House: First Floor Plan</p>	

(50%) The system families that have to be used are

1. Wall (exterior and interior)
2. Floor
3. Roof

(25%) Component families

- a. Door
- b. Windows

(25%) Customization of component

Special features such as sloped wall and roof line details can be created “in place component”

(Components such as furniture and fixture do not need to be done in this assignment.)