ARCH 2431   BUILDING TECH III   **Field Trip – Home Depot ASSIGNMENT 04**

Home Depot Field Trip
*All students must attend the required field trip to Home Depot to complete this assignment. The field trip will include a tour of the Hamilton Avenue Home Depot in Brooklyn (*550 Hamilton Ave, Brooklyn, NY 11232). We will get a chance to see and touch building materials in their raw state. As the tour progresses consider which items are most interesting to you as these will be the subject of your presentation assignment. Each student is to select two (2) separate assemblies to research, study and present.*

For example, if you were to select Gypsum Wall Board (GWB) you would need to understand its role in the assembly of a stud frame wall. You would need to identify all of the components needed to install the GWB properly including the underlying stud frame and track, the screws to assemble the frame, the GWB and the screws to secure this, the Tape and Spackle and Corner Bead needed to create a finished paintable surface. Although this may include many items this assemble would count as one assembly. You are required to describe two complete assemblies.

The Research
Identify all the items while on the field trip. Continue this at home by placing all the items in a shopping cart from the Home Depot Website. Read up and understand each of the components and their purpose.

The Presentation
Create a PowerPoint/PDF presentation including the following:
- *A Title slide to identify the course, semester, section, your name and the professors name.*
- *Title Slide for each of the two assemblies*
- *Shopping Cart*
- *3d Assembly drawings – screen captures from the internet (you must cite your sources)*
- *Annotation/Description – include a written description of the assembly*
- *Remember you are doing this twice!!!!*

Grading:
*Grading is based on completeness and your ability to demonstrate an understanding of the assemblies presented.