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Building and Construction Technology Program
BCT597F - the Wood Design Studio

Project Name: Composite Action

SELF-REFLECTION ON CLASS WORK

Exam 1 $\frac{10}{10}$

- Think about what you did in class today and how well the assignment went. Sketch, plot graphs, and communicate in the way you feel is most effective.
- Write your comments in the right column. If necessary, you can write on the back or attach up to one more page.

What were your Hypotheses for today's lesson?	<p>1. If one board of wood bends 1 inch, how much will two boards (laid one on top to double the height) bend? <u>1 1/2 inch in total</u></p> <p>2. How much will two boards bend if they are laid side by side? <u>The same amount with one board of wood. (1 inch from the Question 1)</u></p> <p>3. How much will two boards bend if they are nailed together? <u>0.25 inch, 1/4 amount from the Question 1's one wood bend amount.</u></p> <p>4. If a cement board is laid on top of the wood, will it reduce deflection? <u>Yes because the cement board will absorb the power.</u></p>
About Yourself	
What is the most important thing you learned in this assignment?	<p>I was able to learn some of my knowledge were correct and some were wrong. For example, I already knew that by connecting the concrete to wood it gives twice the strength and four times the stiffness. From the result of the experiment, the strength were similar to the knowledge. However, some results were not as I expected to be. For example, Case B & D's results were the same in our group. This can be a measurement error but I think results does not have a lot of difference for Case B & D, even for other groups. Like this, I was very surprised because I thought connected ones and unconnected ones make huge difference. (Maybe the numbers of the nails were few)</p>
What do you wish you had spent more time on or done differently?	<p>I was not able to share the hypotheses with others, so at the beginning, I should have took the time to share the hypotheses with my group members. By doing this, I can share my opinion and learn other peoples hypotheses.</p>
What part of the assignment did you do your best work on?	<p>We were able to share the roles very well and I was able to accomplish my role. This was the first group activity but I believe that we were able to cooperate very well.</p>
About the Assignment	
What was the most enjoyable part of this assignment?	<p>Doing an assignment together as a group was very enjoyable for me.</p>
What was the least enjoyable part of the assignment?	<p>I did not enjoy the noise of the nails being hammered in.</p>