**Bucknell Bidding Simulation Assignment**

The Bucknell Bidding Simulation (BBS) is a special pedagogical tool created by Mr. Chuck Boldt ’72 and turned into an [online simulation](http://54.186.229.251/) by Keyi Zhang ’17, Billy Tyler ’15, and Prof. Toole. Your team will compete against other student teams to earn the most net income by the end of the simulation.

**Pre-BBS Assignment**

In order for you to gain the expected learning associated with the BBS and to perform well as a team, it is critical that you complete the following steps in order.

1. By January 22 and before you go to the BBS webpage at all, complete the individual pre-BBS survey on the CEEG 472 Moodle page. Your answers to this survey will in no way influence your grade in the course and will remain confidential. Your answers will be used as anonymous “data” in a paper that Prof. Toole is writing about the BBS and the Project Management Flight Simulator.

2. Read the BBS tutorial carefully. You can do this using the BBS webpage or by downloading a Word document containing the tutorial text from the CENG 472 Moodle page. Note that this text is associated with most of the learning objectives for this portion of the course, so be sure to reflect on and absorb the concept and terms; don’t just read the text without comprehending it. Also read the assigned documents for this time period on Moodle, which cover many of the same topics but use different words.

3. Read and reflect on items 1-3 in the document “Strategic Steps for the BBS.”

4. Complete the Individual Practice Simulation at least once by yourself, analyzing items 4 and 5 in in the document “Strategic Steps for the BBS” as you do. Record the questions you have and insights you gained so you can discuss them with your teammates.

5. By January 27, meet with your team, discuss the questions and insights that arose from the individual practice simulations, discuss your team strategies for items 2 and 3 in the Strategic Steps for the BBS document, and send a team email Prof. Toole that summarizes your team’s strategies for items 2 and 3 and identifies any questions the team still has. (You need not wait for these questions to be answered before proceeding to step 6.) Also include in your email the specific Bucknell targets that you would like your prize money to go towards from the Google Doc list. Each student can identify their own target(s) or the team can identify a collective target.

6. Before January 29, complete the Team Practice Simulation and send Prof. Toole an email that identifies the team’s final net income and identifies any questions or issues that should be addressed before the competitive Team Simulation in lab.

**Post-BBS Assignment**

9. By 11 PM on February 2, complete the Post-BBS survey on Moodle.

10. By 2 PM on February 8, email Prof. Toole an individual ~500 word reflection on your experiences using the BBS. This reflection should address the following questions:

1. How well did your team function as a team? What would have made you perform at a higher level?
2. How well did the BBS help you learn what you perceive were the expected learning outcomes?
3. How could the BBS itself, the assigned process for using the BBS, the introduction by Chuck Boldt and the competitive team simulation process be improved for next year?