ABE 301 survey Name:

As discussed in class, the structure of this course is very different from most knowledge-based courses, since it focuses strongly on the process of modeling and computational/numerical methods. As you undoubtedly have recognized, this process/analysis orientation is both extremely useful/valuable as well as being difficult to master. I would like your thoughts on how to better structure this course to be more successful at developing student mastery of this.

Please fill out answers electronically and email file to me.

1. Should the assignment structure (weekly quizzes, project) be changed back to a more traditional homework/quizzes/exams/project structure for next year’s students? Please recognize that the intent of the current structure allows students more control/flexibility of their time/effort, but assumes they will take responsibility for/participate in the active learning process (need to read/investigate information on own, do peer teaching, ask questions in class).
2. What would you change about the structure of this class to help students learn the material/be successful?
3. As we discussed in class, there seems to be some gaps in concepts/understanding of some previously taught materials, e.g. system definition, mass/energy balances, transport concepts, etc.). Did prior educational experiences/courses provide adequate knowledge/understanding/skills to be able to do the required work for this class? I.e. did your previous classes adequately prepare you to do the work for this class (if not, please provide feedback to help prior course instructors, if appropriate). If they did, what is needed to help you utilize this information on projects/quizzes?
4. What suggestions/information would you give to future students to help in this class next year?
5. The Provost’s office has asked me to serve on a university committee to determine if the Blackboard computer software is effective/useful for students/faculty and whether it should be changed to a different system. How do you use Blackboard (what functions do you mainly use)? What functions/services would be most useful to you in such an electronic information/educational service?
6. Other comments/thoughts?