Message from Gary about grading: Please consider this to be our homework grading policy, CHG 7/11/2011

I just finished grading homework 1. Grades will be input as soon as possible. Here are some comments:

In terms of performance:
- Average is slightly lower than 80%. Highest 97% lowest 47%.
- I used a 5-point scale for all the questions. As there are 15 questions, the full score is 75. I gave out several extra credits for students who had insightful answers.

- Performance is poor for 1.3, 1.20, 2.7, and 2.86, and not satisfactory for 2.5 and 2.109.

- For other problems, only a very small proportion of students showed sufficient steps to reach the answer. I didn't deduct a lot of points for insufficient steps this time, but I think we should tell the students on Tuesday to show full steps in future homework and there will be more deduction if steps are skipped without justification.

- Constants such as fluid properties, figures from Table in the Appendix, and equations, are seldom referenced. I deducted at most 2 points from the entire homework for numbers or equations that are not referenced to specific table of equation.

About solution manual:
- It is very obvious that one student copied almost word by word from the solution manual for the entire homework. What should we do with him? Copying is forbidden, grade 0% when detected.

- It is also quite obvious that a few more students copied the solution manual for a large proportion of the homework set, though not word by word. You can only give credit for work done by the student.

- It is quite apparent that many students used solution manual when doing their homework. Especially for 1.3, I am quite certain that no one solved the problem correctly by their own effort. It might be necessary to tell the students about policy on solution manual.

- Most of the people who seemed to have the solution manual did put their own effort in their work even though they have the solution manual. And most of them gave up on problems when they didn't really know what's going on in the questions, which I think it's an ethical act. Again, I suggest we should tell the students about policy of solution manual of Tuesday.
- For 2.86, the 7th edition book (not sure for other editions) does not provide the width of the gate, while the solution manual provided width = 3m. More than half of the students wrote 3m in their answers. I deducted 2 points from all of those who wrote 3m as they didn’t justify where they got the number, and gave full credits for those who made assumption for the width.

- I think the solution manual skipped a lot of important steps in solving the problems. Should we post the solution produced originally by us on the website? I can do it if you think it is a good idea, so the students know the standard of my grading process, and learn how to solve problems logically. **Great idea. Send me solutions and I’ll post them. You might take the best student solution and we’ll post that with the student name and a gold star or extra credit.**

About different editions of the book:
- There are several students using different editions of the book. This time I gave them full credit as long as the flow and answer make sense. However, I strongly feel that this is not fair as there are significant difference in difficulty for problems with the same numbering in different editions. Therefore I suggest that we need to strictly enforce only the 7th edition can be used for homework. **OK, CHG.**

- Two students worked on problems which are completely off from the topic for homework 1, I am not sure how to grade their work. **Better than nothing.**

If you have any more specific questions about the performance of the homework, please email me.

Best,
Gary