# Test 1 Reflection

How and why the test demonstrates your work toward one, or more, of the course learning objectives. Be specific on the course objectives you decide to mention?

In test 1, this test demonstrated multiple objectives described in the syllabus:

* Identify and solve for different very specific industrial problems, such as, open-channel flow, cavitation, water hammer, drag, lift, forces in pipes, and learn about different instruments to measure fluid flow quantities (such as, pressure, fluid velocity, flow velocity, etc.);

The problem that was given on the test was an open channel problem.

My solution compared to the test solutions were all wrong.

1. At first, I solved and I didn’t believe my answers were correct, so I attempted multiple ways of solving. At this point, I’ve lost hope because I couldn’t solve the first question. I solved for velocity and got the wrong answer so everything else will be wrong.
2. The most challenging question I thought. Wasn’t sure what size number to expect, took me a while to finally find that equation I used. Solved incorrectly
3. Solved as a statics problem, didn’t use the equations correctly.
4. Solved as static problem. I tried to find the force in the flange and couldn’t. Didn’t bother to find location since the force was incorrect.
5. Height was incorrect so this will be wrong.
6. Initial pressure was wrong so this is wrong as well.
7. Used wrong equation
8. Correct equations, wrong variables.
9. Didn’t know how to solve

I was completely unprepared mentally for the test. I found myself totally lost when reading through the questions, so at that point all hope was gone. I tried my best to at solving and this was the result of how difficult this class is At first I was enjoying the class, but now I am just trying to make it through the semester!

Grade: 50 weakness: calculations | strength: writing portion

1. Understanding the questions were my main issues at first, then solving what to do and how to do it.
2. Go through lectures, youtube video similar problems. No
3. None, I have read over how you did it but I have not retained the information.
4. Industrial and construction
5. I don’t think I will use it to be honest
6. No, I do not think that it was important to learn this based off of the example on the test.
7. I will not use this information in the future, and hope I don’t ever encounter it!
8. I did not feel successful at all on the test.
9. I feel that this class will be the death of me. Hardest test I have ever taken and I thought Thermal Apps was hard.
10. I spent a lot of hours trying to solve each question, figuring out what to do. The time was organized. Nothing I would do differently.