# Test 2 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 2, this test demonstrated multiple objectives described in the syllabus:

* Apply the principles of conservation of energy (Bernoulli’s equation) and mass to fluid;

The problem given on the test were to determine flow rate, velocity, and after change what is the diameter pipe is needed to achieve an increase in flow rate.

My solution compared to the test solutions:

1. I believe I was on the right track, but I messed up setting up the problem correctly.
2. Pressure was incorrect
3. Velocity was correct in Part 1
4. Velocity was correct in Part 2
5. Diameter in correct in Part 2
6. Part 3, plugged in different numbers until i got the desired value.
7. Question 2 - wasn’t sure how to solve

Advice I would give myself if I were to take this test again is to ask for more help during class. I’ve been lost in the class for a while so that’s mainly the factor of my lack of understanding.

Grade: 70 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 Civil
5. I don’t think I will use it
6. Yes, it could be beneficial but for my focus, I do not think so.
7. I will not use this information in the future.
8. I felt confident in the first parts of question 1, but I was lost after that.
9. I do not see it intersecting with my career goals.
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.