Test 3 Reflection

The test focus on the cooling of a rod after so many minutes, so the learning objections that applies to test 3 was solve unsteady heat conduction problems.

When feeling out my report I forgot to add the procedure portion of the write rubric. I did not calculate the correct answer for the temperature at half the radius even though I had the correct equation entered in the spread sheet. For the temperature of the surface a was off by 1 degree Celsius it could have been because of a rounding error.

The grade I was give myself based on the rubric provided:

$$7.5+(80/2)*(9.5/10+6/6)=85.5$$

During the test I didn't encounter a lot of troubles. I knew the equation I needed to use based on all the information that was given. During the class lecture and test have learned how to calculate heat transfer and temperature of different shapes of unsteady states. Engineers use heat transfer knowledge for heating and air-conditioning, designing refrigerator and chest freezer. I have not had the opportunity to use the heat transfer knowledge yet, but I could use it in the future in my career if I decide to get a job that works with anything that might need have a controlled temperature to keep it from overheating or if it needs a certain temperature to function properly. I would say my strength for the test is knowing the equation to use, and my weakness for be setting the problem up. I spend about 6 hours on the test and the only think I would do again is double check my work before turning it in.