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Math 1210

### Calculus Reflection

Some of the things I have learned in this Calculus class are things that I learned from high school. For example, I learned how to derivatives and limits from high school. The difference is that what I have learned from high school did not translate into having class becoming easier for me, which was a problem. In fact, there were times that I thought if I belonged in this class. Until the Pipeline Project, the only thing I had never heard of that we learned in this class was the L'Hospital Rule, and it would be much easier if I could have it earlier. Calculus can be a useful tool, but at the same time, it can also be a stressful tool if you cannot solve the problem(s). You do have to use calculus for lots of things, and this project is the perfect example.

I did not learn optimization in high school and let me tell you. When I learned this in class, this was very difficult for me to use. The Pipeline Project became hard because I had a tough time using optimization. However, this is the perfect problem to tell you why calculus is useful. Calculus does help making graphs easier for you, because it gives you the maximum point or the minimum point a lot easier than to find most base problems in your head.

I do like this class, but this class is not easy. In fact, there are lots of things you have to learn in this class and you cannot miss a beat in this class. This class is important for me because if I want to go into computer science, I must take 3 calculus classes, and

this is my first calculus class. Things like optimization, limits, derivatives, and integrals (though we have not gone far in this part) will be important for my major.