

I have taken Calculus the past few months, successfully made the start test, but failed the final exam (because any result below 5 is an automatic fail). To prepare for the tests I made every online test until I got a perfect score and attended every lecture. Nearly every weekday I have spent about 2 hours working on calculus, which amounts to 20 hours a week. And even though I put all this effort in trying to get the 30% in the final grade, all of this was discarded because of a failing grade in the final test.

I find it very hard to apply calculus in my development as a designer. The extensive knowledge required to pass the final exam is not something I see myself practically using in designing. Some of the more basic knowledge repeated though I could see myself using, namely knowing how to calculate a complex problem. But what I consider to be the main use of calculus is using it in making calculations in physics.

Calculus by itself is very abstract and a better way of learning for me personally is being able to visualize what I'm learning, this way I'm able to apply it in my projects and assignments easier. Calculus does not support this, at least not in the way it was taught. I hope to develop DMM more in applied physics, my second bachelor college subject. Again, by applying it to real life problems I can visualize, I hope to broaden this otherwise scarcely explored competency.

All in all, I can see the point in taking Calculus, and realize my benefit. But because of the large workload and extensive required knowledge, I can't help but feel a lot of the study material might have gone to waste.