Randy Appleton's CS426 -- Operating Systems

Who

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What

This class is designed for senior level students who are comfortable with complex computer concepts. In CS 426 we will define the term *operating system*, and explore several concepts from operating systems. We will describe a set of features that operating systems provide, the use of those features, and how to implement them. There will be one or two programming assignments using the Linux operating system.

Textbooks and URLs.

Our required textbook is *Operating System Concepts* fourth edition, by Silberschatz and Galvin. The recomended textbook is a manual on programming in "C", and is probably of best use for students with weak "C" programming skills.

I assume that everyone knows "C" and has a basic understanding of Unix. If not come see me.

The URL for this class is http://euclid.nmu.edu/~randy/Classes/CS430. Almost all my notes can be found there.

Grades

Grades are assigned from projects (1/3), a midterm (1/3), and a final(1/3). There might be a quiz at the end of every section or two (always pre-announced). If so, each quiz will count for very little towards the total grade. Hopefully the quizes will let you know how you are doing while there is still time to change it, and let me know what subject areas I need to review.

The projects are quite important. Each project will be structured so that everyone can finish it completely. If you have trouble with a project, come ask me (or a fellow student) for help. My goal is to have everyone challanged, but also finish each project. You can get help in any way you feel appropriate, but make sure that YOU DO THE WORK and that YOU UNDERSTAND THE CONCEPT.

Late Policy

I hate late assignments!!! However, it is much better to turn something in late rather than not at all. The late penalty idepends on the project and the reason. You ca n ask for a later due date if you ask when the project is assigned. If there was some unavoidable reason you could not turn a project in on time (i.e. car crash, snow day, etc.) just ask me to waive the penalty. I'm pretty lenient.

Extra Credit

I'll be happy to give a little extra credit. It would probably be some sort of addition to a project, but I'm open to ideas. Ask anytime.