

Introduction:

The purpose of this reflection is to provide insights into what worked well for me, what challenges I faced, and how I believe the learning process can be improved.

What did I learn?

Throughout the Operating Systems course, I gained a comprehensive understanding of various topics, including file systems, I/O approaches, memory management, and networking protocols. I learned about different file allocation methods, their advantages, and disadvantages, and how block sizes can impact file system performance.

How will I use it?

The knowledge I gained in this class will be beneficial in my future endeavors in computer science and related fields. It has provided me with a solid foundation to tackle complex system-level problems and develop efficient software solutions. Understanding the inner workings of operating systems will enable me to optimize applications, debug issues, and make informed decisions when designing new systems.

What in the class helped me learn those things, personally?

The class was structured effectively, with a combination of lectures, interactive discussions, and hands-on assignments. The instructor's clear explanations and engaging teaching style made complex topics easier to grasp. Additionally, the quizzes and practice questions played a crucial role in reinforcing my understanding of the material.

What did not help me learn personally?

The slides were oftentimes difficult to follow outside of the lecture, slides with heavy code should be more commented.

Were there things you think you could have learned more effectively, and if so how?

I believe that incorporating more real-world examples and case studies into the curriculum would have enhanced my understanding of the material. Demonstrating how the concepts covered in class apply to real-life situations would make the content more relatable and engaging. Additionally, offering group project work would help simulate real world work.

What stressed me out?

The large volume of the solo project requirements to cover in a short period. Balancing the workload with other classes and personal commitments was challenging at times.

Ways to help students in my position:

To alleviate stress and ensure a more balanced workload, consider extending deadlines for assignments or spreading the content more evenly throughout the semester. Additionally, offering optional office hours or study groups could provide students with the opportunity to ask questions, clarify doubts, and reinforce their understanding of the material.

Conclusion:

In conclusion, my experience in the Operating Systems class was enriching and educational. Although I encountered some challenges, the course provided me with valuable knowledge and skills that will be beneficial in my future endeavors. By addressing the areas of improvement mentioned above, I believe the class can become even more effective and enjoyable for future students.