Course Description

The Operating System is the most essential system software, providing a powerful abstraction layer around today’s computers. Without the operating system the power of computer and its resources will remain outside the reach of most users. In this class computer science students will learn the basic Operating System concepts (such as CPU scheduling, process synchronization, inter-process communication, memory management, filesystems, virtual memory management, security, etc), and apply those concepts by designing and implementing a small multi-tasking operating system known as ULTIMA 2.0. During the course, students will work in teams of two or three to implement a multi-phase simulated operating system project.

Tuesday & Thursday
4:00PM - 5:50PM
Northside Hall (NS) 223

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