CS 420: Operating Systems

A study of the software that manages the hardware and provides the interface between application programs and system resources. Topics include scheduling, memory management, persistent storage, resource contention, locking and multi-processor synchronization. Using open source software, students explore a production quality operating system and learn by modifying it.

Credits  3

Prerequisites
CS 320: Principles in Computer Organization

Attributes
Required for the major
Pre-req
Upper-Level