

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 of Computer Organization

Attributes

Required for the major

Pre-req

Upper-Level