

# CSCI 401: Operating Systems

This course will present the basic concepts of operating systems. Topics that will be examined include processes and interprocess communication/synchronization, virtual memory, program loading and linking system calls and system programs, interrupt handling, device and memory management, process scheduling, deadlock and the trade-offs in the design of large-scale multitasking operating systems.

**Credits:** 3

**Prerequisites/Permissions:**

CSCI 202; CSCI 363

**Program:**

## Computer Science