

Welcome to Graduate Introduction to Operating Systems!

This is a graduate-level introductory course in operating systems. This course teaches the basic operating system abstractions, mechanisms, and their implementations. The core of the course focuses on OS support for concurrency (threads) and synchronization, resource management (CPU, memory, I/O), and distributed services. The practical component of the course teaches multithread programming, inter-process communication, and distributed interactions via RPC.

This course is part of the Online MS in CS degree courses. The online content for the class is available under Canvas -> Modules.

The schedule for the current semester is available at:

https://docs.google.com/spreadsheets/d/1u0XVUSNT46FmNMndpEJ20lBBfCbGcr976ofQvwzO_TU/edit?usp=sharing

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Office Hours:

To be carried out through Zoom.

Tentative schedule: Mondays 1-2pm ET -- tentative

Time & link will be announced via Piazza

Summer 2025 Syllabus

Please read the Course Introduction Announcement (also available as a Piazza post [@7](#)) prior to using the pre-recorded course information and material.

Current semester schedule:

https://docs.google.com/spreadsheets/d/1u0XVUSNT46FmNMndpEJ20lBBfCbGcr976ofQvwzO_TU/edit?usp=sharing

Note on Collaboration:

docs.google.com/document/d/1yM_yZlj6R7Llc-dfU8vU79crq-WKiOMNbLkiFB-cICA/edit#heading=h.18tbee2ga8ix
