

# Ceng 2034 - Operating Systems, Spring 2015

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(Enroll to mail group to receive announcements:

<https://groups.google.com/forum/#!forum/ceng2034-2015/>)

**Lecture Hours** : Wed 13:30-16:20

**Office Hours** : Wed and Thursday 16:30-17:20 (and anytime with appointment)

**Course Web page:**

<http://netseclab.mu.edu.tr/lectures/ceng2034.html>

<http://netseclab.mu.edu.tr/lectures/ceng/ceng2034/>

**Textbook:** Operating System Concepts, 8th Edition by Abraham Silberschatz, Peter Baer Galvin and Greg Gagne.

[http://netseclab.mu.edu.tr/lectures/ceng/ceng2034/OS\\_8th\\_Edition.pdf](http://netseclab.mu.edu.tr/lectures/ceng/ceng2034/OS_8th_Edition.pdf)

**Exams are open book**

**Grading:**

- Quiz % 10
- Attendance %10
- Midterm % 30
- Final Exam % 50

**Tentative Syllabus (subject to change)**

Feb 18 :Introduction

Feb 25 : System Structures

Mar 4 : Processes Concept

Mar 11: Multithreaded Programming

Mar 18: Process Scheduling

Mar 25: Process / thread implementation in Python

Apr 1 : Synchronization

**Apr 8 : Midterm**

Apr 15: Synchronization (2), Deadlocks

Apr 22: Deadlocks(2)

Apr 29: Memory Management Strategies

May 6 : Virtual Memory Management

May 13: File system

May 20: Case Study 1: Linux

May 27: Revision

**June 3: Final exam**