

ANKARA UNIVERSITY
COMPUTER ENGINEERING DEPARTMENT

COM 3035 – Operating Systems
FALL SEMESTER 2020 / 2021

Week #	Topics	Text	Artifact Required
Week	Lectures	Chapters	
1	Overview and introduction	1	
2	System structures	2	
3	Processes	3	
4	Threads	4	
5	Inter process Communication	3,4	
6	Process Scheduling	5	
7	Mid-term		
8	Synchronization	6	
9	Classical Synchronization problems	6	
10	Deadlocks	7	
11	Memory Management	8	
12	Virtual Memory	9	
13	File System	10	

Tentative schedule

RECOMMENDED TEXT:

Main Text Book: *Operating Systems Concept, 9th edition*, Silberschatz, Galvin, Gagne.

INSTRUCTOR(S):

Instructor Name:	Location:	e-mail
Özgür Tanrıöver	Department of Computer Engineering	tanrioever@ankara.edu.tr

GRADING: (Everything is subject to change)

Midterm Exam	20%
Lab work	20%
FINAL	80%

Note: for Courses without the labs contact Chairman.

Remarks:

- 1) All information on this leaflet is tentative and is subject to change.
- 2) Attendance in the course, lab, and tutorial classes is **compulsory**. Any absences from the courses, labs, tutorials or exams will be dealt with according to the university regulations. Students are required to bring an official letter about their absences from the university administration within 3 days of rejoining the course / lab.
- 3) **ANY ABSENCE FROM A LAB SESSION or 10 minutes late entry WITHOUT ANY OFFICIAL EXCUSE FROM THE UNIVERSITY WILL BRING 0 GRADE FROM that lab. This rule will strictly be applied throughout the course.**
- 4) Pre-lab / Pre-tutorial preparation is a must. Lab Manual will be distributed at the beginning of the lab. No student will be allowed to start their tutorial sessions without showing their preparation to the lab instructor before coming to the lab.
- 5) Tutorial questions will be given to the students and they will be solved in tutorial hours with them. Quizzes will be carried out in the tutorial classes. Midterm exams may be carried out outside the class hours. Exam times and locations will be announced to the students by the instructor 1 week before the exam.
- 6) The content of this schedule plus other information can be changed by the instructor anytime without any prior notice.