

CMPE 476 Distributed Systems

Spring 2018

Instructor: Tuna Tuğcu office: BM 43 ext: 7611 e-mail: tugcu@boun.edu.tr

Time: Lecture: TT 78 (B5), Th 6 (B5)

Course book: Distributed Systems, *by M. van Steen and A.S. Tanenbaum*, 2nd or 3rd Edition

Web Site: <https://moodle.boun.edu.tr>

Aim: This course aims to provide an in-depth overview of research topics in distributed systems to the students.

Grading:

Midterm #1	20%
Midterm #2	25%
Project	15%
Term Paper	10%
Final	30%

Topics: The course content has changed significantly since 2017. In addition to the topics below, we will briefly discuss Information Centric Networking as a case study, if time permits.
Tentative topics:

- Communication mechanisms
- Processes and mobile code
- Naming
- Synchronization
- Scalability
- Consistency, replication, and caching
- Fault tolerance

Course Policy: Announcements are sent through the e-mail list. The e-mail list is constructed using the e-mail addresses in ÖBİKAS. Therefore, make sure that your ÖBİKAS information is up-to-date and you check that e-mail account daily. All lecture notes and exam results are made available through Teaching.Codes system.

We apply “no mercy” rule for cheaters. Please stick with the honour code.