CMPE 476
Distributed Systems

Spring 2018

Instructor: Tuna Tüğcu 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 ÖBIKAS. Therefore, make sure that your ÖBIKAS 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.