


Marmara University, 2021

Performance Evaluation of Computer Networks

Introductory Information

Mujdat Soy Turk, Ph.D.
Associate Professor




- Syllabus
- Book information
 - (1) Mahbub Hassan, Raj Jain. High Performance TCP/IP Networking; Concepts, Issues, and Solutions. Prentice Hall, 2004
 - (2) D.P. Bertsekas and R.G. Gallager. Data Networks, 2nd Ed., Prentice Hall, 1992.

Recommended:


 - (3) Hisashi Kobayashi, Brian L. Mark. *System Modeling and Analysis: Foundations of System Performance Evaluation*. Prentice Hall, 2010
 - (4) Anurag Kumar, D. Manjunath and Joy Kuri, *Communication Networking, An Analytical Approach*, Elsevier–Morgan Kaufmann, 2004.

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- Course website ([instructor's website](#))
- http://mimoza.marmara.edu.tr/~mujdat.soyturk/courses/cse7018_2021_Fall.html
 - Announcements, and
 - password to access instructors resources (e.g. slides)
 - Will be shared in class

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- Assessment
 - Homework + Projects
 - Midterm
 - Major Project (Final exam)
- Homework and projects are scheduled on Mondays.
- Please check the course webpage for updates.
- Major project will be presented in the classroom. Attendance is a requirement for all students. Questions to the presenter are subject to additional points.

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- Simulation Tools for the projects
 - Opnet Simulator
 - http://www.opnet.com/university_program/itguru_academic_edition/
 - OMNET++
 - www.omnetpp.org

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Homework Submissions

- Homeworks, projects and project reports will be submitted via **turnitin** account.

 <http://www.turnitin.com/>
- Each student will have an account for **turnitin**
- Each homework/project will be evaluated considering both technical content and ethical issues e.g. plagiarism

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- Attendance
 - is a requirement.
 - sign the attendance list
 - For excused absences, the student must provide an explanation to the instructor and supply supporting evidence.

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- Office hours
 - Thursday 09:00 – 10:00
 - Friday 11:00 – 12:00
- E-mail addresses
 - Only submit to
 - mujdat.soyturk@marmara.edu.tr
 - Use email account of Marmara University.
 - All communication will be through email.

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