


Marmara University, 2018

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/cse718_2018_Fall.html
 - Announcements, and
 - password to access instructors resources (e.g. slides)
 - (will be shared in class)

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- Assessment

– Homework + Projects	(30%)
– Midterm	(30%)
– Major Project (Final exam)	(40%)


 - 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.
- Not a “distance learning” course.

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- Office hours
 - Monday 10:30 – 11:20
 - Thursday 10:30 – 11:20
- 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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