

Marmara University, 2020


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## Performance Evaluation of Computer Networks

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**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.

**intro-2** Mujdat Soy Turk, Performance Evaluation of Computer Networks, Fall 2018, Marmara University



- Course website ([instructor's website](#))
- [http://mimoza.marmara.edu.tr/~mujdat.soyturk/courses/cse7018\\_2020\\_Fall.html](http://mimoza.marmara.edu.tr/~mujdat.soyturk/courses/cse7018_2020_Fall.html)
  - Announcements, and
  - password to access instructors resources (e.g. slides)
    - Will be shared in class

**intro-3** Mujdat Soy Turk, Performance Evaluation of Computer Networks, Fall 2018, Marmara University




- 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/](http://www.opnet.com/university_program/itguru_academic_edition/)
  - OMNET++
    - [www.omnetpp.org](http://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
  - Monday 13:00 – 13:50
  - Tuesday 14:00 – 14:50
- E-mail addresses
  - Only submit to
    - [mujdat.soyturk@marmara.edu.tr](mailto:mujdat.soyturk@marmara.edu.tr)
  - Use email account of Marmara University.
  - All communication will be through email.

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