Performance Evaluation of Computer Networks

Introductory Information

Mujdat Soyturk, 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.

- Course website (instructor's website)
- http://mimoza.marmara.edu.tr/~mujdat.soyturk/courses/cse7018_2022_Fall.html
  - Announcements, and
  - password to access instructors resources (e.g. slides)
    - Will be shared in class

- **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.

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

  - OMNET++
  - www.omnetpp.org

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

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

- Office hours
  - Monday   16:00 – 17:00
  - Thursday 11:30 – 12:30

- E-mail addresses
  - Only submit to
    - mujdat.soyturk@marmara.edu.tr
  - Use email account of Marmara University.
  - All communication will be through email.

Mujdat Soyturk, **Performance Evaluation of Computer Networks**, *Fall 2018* , **Marmara University**