CmpE 58W SP.TOP. SP.TP.ADVANCED REQUIREMENTS ENGINEERING

Syllabus

Instructor: Fatma Başak Aydemir (e-mail: basak.aydemir@boun.edu.tr, Office: BM 45)

Course Description: The course provides students with in-depth knowledge on the field of requirements engineering (RE). The course is inevitably interdisciplinary, for RE is intended to elicit the vague, informal needs from the stakeholders and build a precise, formal specification for a software system to build.

Text Book:
There is no mandatory textbook for the course. The instructor will provide reading material for the course each week.

Evaluation (subject to change):
- Group project %40
- Group presentation %30
- Final %30

Topics to be covered:
- Experimentation in Software Engineering
- Empirical studies for Requirements Engineering
- Requirements Model Generation
- Classification Problems in Requirements Engineering
- Law, Regulations and Requirements Engineering
- Requirements Tracability
- Information Extraction for Requirements Engineering
- Analysing Application Reviews for Requirements Engineering

Notes:
- You can follow the announcements about the course from Moodle.
- Attendance to group presentations, submitting to project, taking the final and the midterm exams are obligatory. You will fail the course even if you receive sufficient grade if you fail to do so.
- Attendance for lectures is not obligatory. But you are responsible from lectures’ contents.