Course info: In this course the student will learn the basics of PIC16F84 microprocessor, its architecture, input output ports, interrupts, assembly programming.

Text Book: Not a specific text, you may use lecture notes and internet sources. www.microchip.com

Topics to be covered during the semester:

1. Introduction to microprocessors.
2. PIC16F84 architecture.
3. I/O Ports
4. PIC assembly commands
5. Subroutines
6. Interrupts
7. Timers, A/D, D/A converters

Laboratory:

Every week lab sheets will be put in Ali Bilge’s web-page. Please get a copy of the sheet and do the preparation part at home. Please come to the lab having completed the preparation part, otherwise you may not be allowed to enter to the lab. Assistant will guide you during the lab.

Homework:

I will put homework in my web page. Please do the homework and submit it to the assistants. The necessary information about the homework will be given in the page (deadline, explanation e.t.c)

Grading Policy:

Overall Mark = Midterm % 30 + Final % 40 + HW % 5 + Lab % 20 + Attendance %5

Lab Assistant: Ali Bilge GUVEC, Sinan ES

Project: Those who wants to do project in this course will apply to the instructor. Those who successfully completed their projects will get a half letter at the end of the sem.