CENG 111
Fundamentals of Computer Engineering

Fall 2009-10
Dr. Sadık Eşmelioğlu

General Information

E-Mail : sadik@ceng.cankaya.edu.tr
Phone : +90 (312) 284 45 00 x4124

Hours
Class S1 : Monday 13:40 – 15:30
Class S2 : Thursday 08:40 – 10:30
Office : Monday 10:40 – 12:30
Office : Thursday 12:40 – 14:30

Room
Class : A201
Office : A326
Text Book and References

- Text Book:
- Reference Material:
  - “C Programlama Dili”, Dr. Rifat Çölkesen, 11. Baskı
- Course Assistant:
  - Ahmet Kabarcık (Rm. A307, Ph. x4112)
  - Serdar Soysal (Rm. A307, Ph. x4112)

Grading Components

- **Midterm** 30%
  - Will cover the concepts learned thus far.
  - Closed books, notes, etc.
- **Lab Work** 30%
  - Do not miss any lab work
- **Final** 40%
  - Will cover all the topics learned during the semester
  - Closed books, notes, etc.

- **Rules of the Game**
  - Attend every class
  - Be on time
  - Pay attention during class
  - All work should be your own
  - Ask questions anytime, but raise your hand
  - Remember that the program language is English
  - Grades are earned, not given
Course Outline

- Introduction to Computers
  - Main parts of a computer, CPU, RAM, I/O Devices, ALU, Binary Numbers
- Introduction to C
  - Programming, History of C
- Structure of a C program
  - Syntax
  - Statements
    - Mathematical expressions/operators
    - Logical expressions/operators
    - Priorities of Operators
- Decision Making
  - If Conditional
  - Switch - Case
- Loops
  - While
  - Do-while
  - For
- Arrays
  - One Dimensional
- Examples
  - Working examples in class

Dr. Sadık Eşmelioğlu  CENG 111 – Fall 2009-10

Calendar

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