

Programming Languages
BLM2541, Group-I
Assist. Prof. M. Amaç GÜVENSAN

Lecture Hours*: Monday, 13:00-15:00,

Lab Hours**: Tuesday, 17:00-19:00

Classroom: D-107

Textbook:

Darnell P. A. and Margolis P. E., **C: A Software Engineering Approach**, 1996 (3rd) edition

Supplementary Text:

Kernighan B. W. and Ritchie D. M., **The C Programming Language**, Prentice-Hall, 1988.

Tentative Schedule:

1. Arrays, Pointers and Pointer Arithmetic (18.09.2017)
2. Multi-dimensional Arrays, Pointers, Pointer Arrays, and Strings(25.09.2017)
3. Dynamic Memory Allocation and Functions (02.10.2017)
4. Function Pointers(09.10.2017)
5. Recursion and Storage Classes (16.10.2017)
6. Structures and Unions (23.10.2017)
7. Structures and Bit-wise Operations (30.11.2017)
8. **Midterm-I (06.11.2017)**
9. File I/O (File Operations,Binary/Text Files, Read,Write,Append) - I(13.11.2017)
10. File I/O (File Operations,Sequential and Random Access) - II (20.11.2017)
11. String Manipulation and C Preprocessors (27.11.2017)
12. Data Structures in C (04.12.2017)
13. **Midterm-II (11.12.2017)**
14. Data Structures in C(18.12.2017)
15. Static and Dynamic Libraries in C(25.12.2017)

| GRADING (could be revised) | | | | | | | |
|----------------------------|----------|----------|-------|---------|------------|------------------|-------|
| | Midterms | Homework | Labs | Quizzes | Attendance | Semester Project | Final |
| Number | 2 | 3-5 | 4 + 4 | 1-2 | 15 Weeks | 1 | 1 |
| Impact | 30% | 30% | | | | | 40% |
| Impact*** | 40% | 20% | | | | | 40% |

* Our first class will take place in the same week on 18th Sep.

** The lab schedule will be announced by the Lab.Assistant.

*** Grading for students who do not attend to labs.