

İleri Programlama Teknikleri

BLM5230

Assist. Prof. M. Amaç GÜVENSAN

Lecture Hours: Wednesday, 19:00-22:00,

Classroom: D-011

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. Introduction to C Programming (26.09.2018)
2. Variables, Constants, Expressions, Data Types, Control Flows and Loops (03.10.2018)
3. Arrays (10.10.2018)
4. Multi-dimensional Arrays and Strings(17.10.2018)
5. Pointers and Pointer Arithmetic (24.10.2018)
6. Modular Programming (31.10.2018)
7. Functions (07.11.2018)
8. Recursion (14.11.2018)
9. **Midterm-I (21.11.2018)**
10. Dynamic Memory Allocation (28.11.2018)
11. Structures (05.12.2018)
12. File I/O (File Operations, Binary/Text Files, Read, Write, Append) - I (12.12.2018)
13. **Midterm-II (19.12.2018)**
14. File I/O (File Operations, Sequential and Random Access) - II (26.12.2018)

GRADING (could be revised)			
	Midterms	Homework	Final
Number	2	2-3	1
Impact	30%	30%	40%