

BLM5230 , İleri Programlama Teknikleri

Assist. Prof. M. Amaç GÜVENSAN

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

Classroom: **D-107**

Textbook:

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

Supplementary Textbooks:

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

Tentative Schedule:

1. Introduction to C Programming (18.09.2019)
2. Variables, Constants, Expressions, Data Types, Control Flows and Loops (25.09.2019)
3. Arrays (02.10.2019)
4. Multi-dimensional Arrays and Strings(09.10.2019)
5. Pointers and Pointer Arithmetic (16.10.2019)
6. Modular Programming (23.10.2019)
7. Functions and Recursion (30.10.2019)
8. Dynamic Memory Allocation (06.11.2019)
9. **Midterm-I (13.11.2019)**
10. Structures - I (20.11.2019)
11. Structures - II (27.11.2019)
12. **Midterm-II (11.12.2019)**
13. File I/O (File Operations,Binary/Text Files, Read,Write,Append) - I (04.12.2019)
14. File I/O (File Operations,Sequential and Random Access) - II (18.12.2019)

GRADING (could be revised)

	Midterms	Homework	Semester Project	Final
Number	2	2-3	1	1
Impact	30%	15%	15%	40%