

## BLM1011 , Introduction to Computer Science, Group 1,3

Instructor: Assist. Prof. M. Amaç GÜVENSAN

Lecture Hours: Thursday, 13:00-16:00 - Friday 14:00-17:00

Lab Hours: Monday, 10:00 - 12:00

Classroom: D-111,Online

### Textbook:

Brookshear J. G., "Computer Science: An Overview", Pearson International Edition, 2007

### Supplementary Textbook:

Vatansever Fahri, "Algoritma Geliştirme ve Programlamaya Giriş", Seçkin Yayıncılık, 2011

### Tentative Schedule:

1. Introduction to Computer Science (Aims and Scope, Syllabus, Evaluation Metrics and Questions) (07.10.2021)
2. The Origins of Computing Machines, Data Storage, Number Systems (14.10.2021)
3. Computer Architecture, Data Manipulation, Integers and Fractional Numbers (21.10.2021)
4. National Holiday (28.10.2021)
5. Algorithm Concept, Flowchart, Flowchart Notations, Input/Output and Controls in Algorithms (04.11.2021)
6. Iterative Structures, Loop Conditions in an Algorithm (11.11.2021)
7. Introduction C Programming Language and Arrays (18.11.2021)
8. One-dimensional Arrays (25.11.2021)
9. Midterm-I (02.12.2021)
10. Strings (09.12.2021)
11. Multi-dimensional Arrays (16.12.2021)
12. Searching Algorithms (23.12.2021)
13. Sorting Algorithms (30.12.2021)
14. Operating Systems and Networking (06.01.2022)

	GRADING (could be revised)				
	Homework	Lab	Semester Project	Midterm	Final
Number	3	3 + 3	1	1	1
Impact	%15	%15	%10	%20	40%