

CS 202 Fundamental Structures of Computer Science II

INSTRUCTOR: Dr. Ali Aydın Selçuk
Office: EA 428
Telephone: 290-1352
E-mail: selcuk@cs.bilkent.edu.tr
Office hour: Tuesday 10:40-11:30 or by appointment

ASSISTANT: Shatlyk Ashyralyev
Office: EA 507
E-mail: shatlyk@cs.bilkent.edu.tr
Office hour: Monday 10:40-11:30 or by appointment

TEXTBOOK: *Data Abstraction and Problem Solving with C++: Walls and Mirrors*, F. M. Carrano, 6th edition, Addison-Wesley, 2012. (You can also use the other editions.)

GRADING:
Attendance: 3%
Quiz: 17%
Homework: 20%¹
Midterm: 30%
Final: 30%

SYLLABUS:

- Algorithm analysis
- Sorting
- Trees
- Priority queues and heaps
- Balanced search trees
- Graphs
- Hashing

¹For pass/fail decision, the grade without homeworks must be sufficient as well as the grade with homeworks.