

MAK1062 Programming – Group 3
SYLLABUS

Semester: Spring (2nd) 2020-2021

Lecture: Tuesday, 13:00 – 16:00, A506

Instructor: Dr. İlkay KURT

Office: V-210 Yildiz Campus

Office hours: Monday, 14:00 – 16:00, Tuesday, 11:00 – 13:00, or by appointment

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Textbook: C: How to Program, Deitel, 8th Edition, Pearson

IDE (Integrated Development Environment): Microsoft Visual Studio

Other IDEs: Code::Blocks, Dev-C++, Eclipse, NetBeans, etc.

Weekly Subjects

| Week | Subject | Related Preparation |
|------|---|---------------------|
| 1 | Introduction to Computers and C Programming | Chapter 1 - 2 |
| 2 | Structured Program Development (<i>if</i> Selection Statement) | Chapter 3 |
| 3 | C Program Control (Loops – <i>switch</i> Selection Statement) | Chapter 4 |
| 4 | C Program Control (Loops – <i>switch</i> Selection Statement) | Chapter 4 |
| 5 | Functions | Chapter 5 |
| 6 | Functions | Chapter 5 |
| 7 | Arrays | Chapter 6 |
| 8 | Midterm Exam | - |
| 9 | Pointers | Chapter 7 |
| 10 | Pointers | Chapter 7 |
| 11 | Formatted Input/Output | Chapter 9 |
| 12 | Characters and Strings – Quiz | Chapter 8 |
| 13 | Structures | Chapter 10 |
| 14 | File Processing | Chapter 11 |
| 15 | Final Exam | - |

Evaluation System

| Activities | Percentage of Grade |
|--------------|---------------------|
| Midterm Exam | 30 |
| Quiz | 30 |
| Final Exam | 40 |
| Total | 100 |

Additional information:

- 80 % participation of lectures is mandatory. However, full attendance is expected since all classes are linked to each other.