

CMPE150 – Introduction to Computing

Summer 2019

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Class Hours: Section 1 Lecture: Tuesday 13:00 – 15:00
Section 1 Lab: Wednesday 13:00 – 17:00 and Thursday 13:00 – 17:00
Section 2 Lecture: Tuesday 09:00 – 11:00
Section 2 Lab: Wednesday 09:00 – 13:00 and Thursday 09:00 – 13:00

Course Book: No required textbook. Suggested ones are:
Deitel & Deitel, *C How to Program* (any edition).
Wikibooks, *C Programming*. https://en.wikibooks.org/wiki/C_Programming

Materials: Lecture Slides are available on Dropbox:
<https://www.dropbox.com/sh/cyba0tpqymfj11q/AABriSgcEXTND8vPfe4C9wx8a>
Lab/PS materials are available on Eclipse plug-in.
For installing the Teaching.Codes, follow the instructions in the following link:
Windows, macOS, Linux: <https://programming.cmpe.boun.edu.tr/welcome>
Windows (simplified): <https://www.cmpe.boun.edu.tr/eng101/cmpe150windows/>

Grading: Midterm – 40%
Quizzes – 15%
Final Exam – 45%

Exam Dates: Midterm – **22 July 2019 Monday, 17:00 – 19:00**
Final Exam – TBA by the registration office

Lab Hours: These hours are dedicated to practical programming exercises. Basic compiler and Eclipse use are taught, and students are asked to solve questions about that week's topics. The exams, including quizzes, are computer-based, and you will use the Teaching.Codes plug-in for Eclipse to turn in your exam. The lab hours are important to practice for the exams. During the exams, you will not get any help about using the system, so make sure that you learn to use it well before the exam time.

Projects: You will be assigned with 2 separate projects, which will not be graded. You are strongly recommended to work on these projects. They will sharpen your programming skills and improve your understanding of the subject. Also, every exam will have a question that is based on the assigned project.

Tentative Course Outline: Week 1 – Introduction, data types, operators, printf/scanf
Week 2 – Conditionals, if/else, nested if, switch
Week 3 – Loops, for, while, do/while
Week 4 – Functions, pointers
Week 5 – Arrays, multidimensional arrays, strings
Week 6 – Structures
Week 7 – File I/O