CMPE 150
Introduction to Computing

Instructor

- Arzuçan Ö zgür (lectures). Office: BM 18. Email: arzuçan.ozgur@boun.edu.tr.
  Office Hours: Fridays 13:00-15:00

Class hours

- Lectures: Tuesday 7-8, NH 301 (all sections)
- Section 1 Lab+PS: Wednesday 6-7-8, BM A4
- Section 2 Lab+PS: Thursday 6-7-8, BM A4
- Section 3 Lab+PS: Wednesdays 2-3-4, BM A4
- Section 4 Lab+PS: Wednesday 3-4-5, BM B4

Note that in the registration system some of the lectures are listed as lab or PS hours.

Problem solving and lab hours

These hours are dedicated to practical programming exercises. Lab assistants will guide you with solving some programming problems, which give you both practical understanding of programming issues and programming practice. In the PS/Lab hours:

- Basic compiler and Eclipse use is taught.
- Students are asked to solve questions, which cover that week’s topics.
- Students have the opportunity to get help from the lab assistant and lab student assistants.

The exams (quizzes, midterms, finals) are computer-based, and you will use the same Teaching Codes system to turn in your exam. The PS/lab hours are a very good opportunity 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 several ungraded projects. These are relatively complicated assignments that require several days to complete.

You are strongly advised to work on the 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 an assigned project.
Textbooks
There is no required textbook. Lecture slides will be made available. Also, there are additional materials available at the Teaching Codes system.

Some suggested textbooks:

- Deitel & Deitel, C How To Program (any edition).

Grading

- 10% Quizzes
- 25% Midterm 1
- 30% Midterm 2
- 35% Final exam

Subjects by week

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<tr>
<th>Week</th>
<th>Subject</th>
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<tbody>
<tr>
<td>Oct. 7-11</td>
<td>Conditional statements.</td>
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<tr>
<td>Oct. 14-18</td>
<td>Loops: while, for, do-while.</td>
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<tr>
<td>Oct. 21-25</td>
<td>Loops: break, continue, nested loops.</td>
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<td>Oct. 28-Nov 1</td>
<td>Functions. No lecture on Tuesday (Oct 29), Labs proceed as usual.</td>
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<td>Nov. 4-8</td>
<td>Midterm 1 (November 5, 17:00-21:00) Functions.</td>
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<tr>
<td>Nov. 11-15</td>
<td>Functions.</td>
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<tr>
<td>Nov. 18-22</td>
<td>Arrays.</td>
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<tr>
<td>Nov. 25-29</td>
<td>Arrays</td>
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<tr>
<td>Dec. 2-6</td>
<td>Midterm 2 (December 3, 17:00-21:00) Multi-dimensional Arrays</td>
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<tr>
<td>Dec. 9-13</td>
<td>Strings.</td>
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<tr>
<td>Dec 16-20</td>
<td>Structures.</td>
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Lecture Materials

Lecture presentations, the syllabus, and other relevant materials are available in the following Dropbox link:

https://www.dropbox.com/sh/jemfn420lir6oq1/AADoyWd0nADuovf4iEr8JTega?dl=0

To install the Teaching Codes software, follow the instructions in the following link:

https://programming.cmpe.boun.edu.tr/welcome