BIL105E - Introduction to Scientific and Engineering Computing (C)
2014-SPRING SYLLABUS
CRN 21817 - 21819 - 21820

COURSE PLAN (TENTATIVE)

Week	Deitel Chapter	Topic
1		Writing and Compiling a C Program, Algorithms (Flowchart and Pseudocode)
2	1, 2	Introduction to C Language
3	3	Structured Program Development in C
4	4	C Program Control
5	5	C Functions
6	6	C Arrays
7	6	C Arrays (continue)
8	-	MIDTERM EXAM
9	7	C Pointers
10	7, 8	C Pointers (continue) C Characters and Strings
11	9	C Formatted Input/Output
12	10	C Structures, Typedef, and Enumeration
13	11	C File Processing
14	12, 13, 14	Data Structures;Preprocessor; Other C Topics

Grading:
- Homeworks   (4)   15%
- Midterm exam (1)   35%
- Final exam   50%
  (Taking the final exam is compulsory. Students who do not take this exam will get FF.)

Homeworks and exams are common in all BIL105E course sections.

Attendance (Yoklama): %70 is required both in lectures and in labs.
            (Students who fail to meet this requirement will get VF.)

Course Web Page: www.ninova.itu.edu.tr

Text Book:
  C How to Program, (7th Edition),
  Harvey M. Deitel, Paul J. Deitel,
  Prentice Hall, 2012.

RULES FOR BIL105E ASSIGNMENTS

- Submit your source file to Ninova only, email submission is not accepted.
- Assignments will be graded by course assistants and results will be announced at Ninova.
- You must do the assignments by yourself alone, copying/collaboration is not permitted.
- All submitted assignments will be compared by an automatic detection system.
- In addition to source code, you should also submit a homework report file (PDF), using the the sample report template provided in Ninova.
- Any C compiler can be used, but you should make sure that your program compiles in Linux, because course assistants will use Linux platform for homework grading. You can login to SSH (Secure Shell Client) Linux interface at computer lab.

You must add the following information at the beginning of your source files.

```
/**************************
Student Number : 123456789
Student Name   : Aaa Bbb
Course         : BIL105E
CRN            : 1234
Term           : 2014 Spring
Homework       : #1
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General Grading Criterias
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1) Program should have no compiler errors.
2) Program should work correctly, effectively, and display expected outputs.
3) Program should be written according to given specifications.
4) Program should have consistent coding style (indentation, comment lines, valid variable names, etc).