Gebze Institute of Technology
Department of Computer Engineering

CSE 102

Introduction to Programming
Syllabus

Instructor
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Current and other useful information about this course will be kept on
http://www.bilmuh.gyte.edu.tr/~akgul

Required Textbook
- C How to Program, (Prentice Hall;) Fifth Edition (Fourth edition is okay).
  Harvey M. Deitel, Paul J. Deitel
  The examples from this book will be available at the class page.

Course Prerequisites
A passing grade from BIL 101 is required. The student needs to be familiar with a
Windows based PC (launching programs, emailing messages, browsing web, etc.) If you
do not satisfy the conditions, please talk to the instructor.

The Compiler and the Development Environment
We will use CygWin environment and compilers for the homework and lab work
(http://cygwin.com). Please install the packages gcc, g++, gdb, make, nano, wim, emacs.
If you need help installing CygWin copies, please contact the TA.

Grading
The course grade will be determined approximately as follows:
- Midterm: 25%
- Final: 35%
- Homework: 40%

The students who do not attend at least 80% of the classes will NOT take the Final exam and will be assigned an automatic grade of VF.

The students
- who score less than 30 points in the midterm exam
- who do not submit more than 30% of the homework assignments
 will be assigned an automatic grade of FF.

Class participation and attendance might give you an extra grade if it is close.

Homework assignments are due by 23:59 on the due date. 10% of the full grade will be deducted for each day late. If there is a situation which prohibits you from turning in your homework on time, talk to me before the due date.

Attendance
Attendance is required and attendance will be taken regularly. You are responsible from all the subjects covered in the class.

Class email list
I will form a class email list for the announcements. Please send the TA an email with the subject line 'BIL102 email registration' so that we can send you class related messages.

Announcements
All the class related announcements will be made either in class or at the class web page. Students are required to monitor the class web page regularly.

Honor Code
You should not misrepresent someone else's work as your own. Do not use work from someone else. All cases of confirmed cheating will be reported for disciplinary action.

Topics to Be Covered
- Introduction to C programming
- Control Structures
- Functions and Arrays
- Pointers and Strings
- Input Output
- Structures
- File processing
- The preprocessor
- Data Structures