



Benha University

Surveying Engineering Department

Faculty of Engineering (at Shoubra)	

Course Title:	Computer Applications
Course Code:	SUR 112
Instructor:	Dr. Shady Yehia Elmashad
Main Textbook:	"C++ How to Program" by Deitel and Deitel ¹ <u>C++ How to Program, 3/e</u> <u>C++ How to Program, 3/e (Slides)</u> <u>C++ How to Program, 3/e (Examples)</u>
Other References:	http://www.cplusplus.com/doc/tutorial/ http://en.cppreference.com/w/
Course Contents:	 Introduction to Computers Hardware/Software Operating Systems Introduction to Computer Programming Machine Language and Assembly Language High Level Languages Problem Solving Concepts Control Structures (Selection) Control Structures (Iteration) Functions Arrays Strings Files
Attendance Policy:	

Attendance Policy:

- 1. Attendance is expected.
- 2. Whether you attend or not, you are responsible for keeping track of whatever happens during the lectures and the tutorials.
- 3. Side talking, cellphones, laptops, food/drinks, and walking² are not allowed.



Grading System:

05%
05%
05%
15%
10%
60%

¹ I am using the *third edition* but you can use any.

² If you are late for the lecture, you are allowed to walk into the lecture hall but quietly.

³ Attendance will be taken anyway.

⁴ There will be a semester project that will be discussed during the oral exam