



Benha University

Computer Programming (2)

ECE 214C

Computer Systems Engineering
Electrical Engineering Department



Faculty of Engineering
(at Shoubra)

Course Title: Computer Programming (2)
Course Code: ECE 214C
Instructor: Dr. Islam ElShaarawy
Main Textbook: "Java How to Program" by Deitel and Deitel¹
[Java How to Program, 5/e](#)
[Java How to Program, 5/e \(Slides\)](#)
[Java How to Program, 5/e \(Examples\)](#)
Other References: <http://docs.oracle.com/javase/>
<http://www.tutorialspoint.com/java/>

Course Contents:

1. Introduction to Computers and Computer Programming
2. Problem Solving Concepts
3. Control Structures
4. Methods
5. Arrays
6. Strings
7. Object-Based Programming
8. Object-Oriented Programming
9. File I/O
10. Multithreading
11. Graphics
12. Graphical User Interface

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:

Attendance³:	00%
Assignments:	05%
Quizzes:	05%
Midterm Exam:	10%
Oral Exam⁴:	20%
Final Exam:	60%

1 I am using the *fifth 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