

## Object Oriented Programming: Program 2019/2020

1 – Introduction to Object Oriented Paradigm

2 – The Java Language

3 – Classes and Objects

4 – Inheritance and Polymorphism

5 – Exceptions

6 – Interfaces and abstract classes

7 – Input and Output in Java

8 - Collections

9 – Functional constructs

### Bibliography

[1] "Thinking in Java", Bruce Eckel, 3rd edition.

[2] "An Introduction to Object-Oriented Programming with Java",

C. Thomas Wu, McGraw-Hill, 3rd edition, 2003.

### Assessment:

1- 1st test (October 29<sup>th</sup>, 18:16) – 4 points

2- 2nd test (December 20<sup>th</sup>, 16:00 O'clock) – 12 points

If the student attends at least 10 lab classes until December 13<sup>th</sup> he can do the second test for 16 points (discarding the first test).

3- Project (to do in group) – to deliver on December, 8<sup>th</sup>, until 24 O'clock) – 4 points

### To pass:

a) Do the project and discuss it

b)  $1 + 2 + 3 \geq 9.5$

To go to the exam:  $1 + 2 + 3 \geq 6.0$