

Object Oriented Programming

Informática e Gestão de Empresas
Engenharia de Telecomunicações e
Informática
Engenharia Informática

Information

- Sites:
 - <http://e-learning.iscte-iul.pt>
 - slides, practical exercises, assignments
 - <http://fenix.iscte.pt/>
 - Administrative information, grades
 - <http://poo.dcti.iscte.pt/>
 - Outdated: Only to be used if/when the others don't work ...
- See e-learning and university e-mail frequently

Schedule

- First week: students enroll in practical classes by attending the class (**not by mail**)
- Students are advised to stick to the same practical class
- Changes in schedules may occur until the second week, see fenix and the e-learning warnings for updates

Schedule

- Some mondays classes will be on a different auditorium:
 - 9/Feb, 16:00, Aud4
 - 20/Apr, 13:00, Aud2; 16:00, Aud4
 - 18/May, 13:00, Aud2; 16:00, Aud4, 18:00, Aud4

Evaluation

- Final Assignment + Discussion:
 - Approval necessary to do access to Final Test
 - even if using the July exam season (must be student-worker or eligible for graduation)
- Final Test: 100 %
 - Written (on paper), 2 alternative seasons
 - Partly related to Final Assignment

Final Assignment

- Final Assignment + Discussion:
 - Individual or pairs
 - Available after Carnival
 - Mid-term delivery after Easter
 - Final delivery in the last week
 - Discussion / Requisite-check in the final week
 - More details in the assignment

Program

- Packages
- Enumerated
- Exceptions
- File reading and writing
- Inheritance
- Collections
- Genericity
- JUnit tests
- Introduction to design patterns
- Documentation

To read ...

Chapters 8 thru 11 (or equivalent in other book) :

Y. Daniel Liang, *Introduction to Java Programming*, 7.^a ed.,
Prentice-Hall, 2008.

ISBN: 978-0-13-605966-0

- Chapter 8 Objects and Classes
- Chapter 9 Strings
- Chapter 10 Thinking in Objects
- Chapter 11 Inheritance and Polymorphism

Summary

- Introduction to the course