



INSTITUTO  
SUPERIOR  
DE CONTABILIDADE  
E ADMINISTRAÇÃO  
DO PORTO

# Information Technologies



## Introduction

This document presents the guidelines of the objectives, the syllabus and the assessment of the course “Information Technologies”.

## Objectives

- To know and classify the Information Systems (IS) used in organizations
- To understand how Internet works and to know it's key concepts
- To understand the needed infrastructures for a website
- To understand the basics of HTML
- To build websites based on a Content Management System

## Syllabus

### 1. Information Systems

1. Management IT - Paradigms: Insourcing, Outsourcing, ASP, Service Level Agreements (SLA's)
2. Software – Proprietary software vs Open Source Software
3. Cloud computing: Definitions, advantages and disadvantages

### 2. Working on the web

1. Key concepts on how to choose an Internet provider
2. Infrastructures for a Website

### 3. Web Pages development

3. Key concepts: Static content vs Dynamic content
4. Programming languages, HTML editing
5. Content Management Systems (CMS)

## Assessment

Mandatory attendace in 75% of classes.

### Continuous

Final classification: 40% PR + 30% E1 + 30% E2

E1 – Exam #1 (Part 1 and 2 of the Syllabus) (11.11.2010)

E2 – Exam #2 (HTML) (16.12.2011)

PR – Individual Project (CMS) (presentations: 17 and 20 Jan 2011)

### Final <sup>1</sup>

Final classification: 40% E + 60% OE

E: Exam (Part 1 and 2 of the Syllabus and HTML)

OE: Oral Examination (CMS)

The Oral Examination will be published by the teacher (PAOL) before the Written test day.

---

<sup>1</sup>if student fails the continuous assessment or if student choose not to do the continuous assessment