



Universitat de Lleida

DEGREE CURRICULUM
**COMPUTER SYSTEMS
SECURITY**

Academic year 2013-14

Subject's general information

Subject name	Computer Systems Security
Code	103061
Semester	2n Quadrimestre 2N Cicle Informàtica i Màster
Typology	Obligatòria
ECTS credits	6
Theoretical credits	0
Practical credits	0
Department	Informàtica i Enginyeria Industrial
Important information on data processing	Consult this link for more information.
Distribution of credits	Carles Mateu Piñol 3 Ramon Bejar Torres 3

Carles Mateu Piñol
Ramon Bejar Torres

Learning objectives

see competences

Competences

University of Lleida strategic competences

- Master Information and Communication Technologies.
- Master a foreign language.

Goals

- Without Translate - Dissenyar presentacions i exposar a classe en anglés sobre una tecnologia concreta.
- Without Translate - Buscar, llegir i discutir literatura tecnico-científica en anglés.

Degree-specific competences

- Capacity to design, develop, manage and evaluate safety certificates and guarantee mechanisms for processing and accessing information of a local or distributed processing system

Goals

- Without Translate - Dissenyar una proposta de model de seguretat integral per un escenari de xarxa/servidors.

Degree-transversal competences

- Capacity to draft, design and implement projects and/or give novel solutions, using engineering-related tools

Subject contents

without translate-

1. Seguretat en xarxes
2. Seguretat en servidors
3. Anàlisi forense i auditoria
4. Disseny de polítiques i plans de seguretat
5. Aspectes legals de la seguretat informàtica
6. Desenvolupament d'aplicacions segures

Evaluation

Three assignments:

(30% A1, 25% A2, 25% A3)

- Paper discussion on Virtual Campus.
- Oral presentation on some security topic.
- Qualifications:
 - 30% assignment 1.
 - 25% assignment 2.
 - 25% assignment 3.
 - 20% presentation.
- Individual.
- Assignment validation (written tests).