

COURSE DETAIL

SYSTEMS ARCHITECTURE

Country

Spain

Host Institution

Carlos III University of Madrid

Program(s)

Carlos III University of Madrid

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

132

UCEAP Course Suffix**UCEAP Official Title**

SYSTEMS ARCHITECTURE

UCEAP Transcript Title

SYSTEMS ARCHITECTURE

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course offers a study of software system design using the C programming language. Topics include: basic data types and flow constructions; structure of a C application; pointer manipulation; dynamic data structures; memory leaks; concurrent tools; tools for detecting memory leaks; Linux kernel, processes, and filesystems; main libraries; concurrency. Pre-requisites: Programming; Systems Programming.

Language(s) of Instruction

English

Host Institution Course Number

14072

Host Institution Course Title

SYSTEMS ARCHITECTURE

Host Institution Campus

LEGANÉS

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Grado en Ingeniería de Sonido e Imagen

Host Institution Department

Departamento de Ingeniería Telemática

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