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 ARCHTECTURE
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
ARQUITECTURA DE SISTEMAS

Host Institution Course Details
https://aplicaciones.uc3m.es/cpa/generaFicha?est=214&anio=2024&plan=441&asig=14...

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

Course Last Reviewed
2024-2025

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