

COURSE DETAIL

OPERATING SYSTEMS

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

129

UCEAP Course Suffix**UCEAP Official Title**

OPERATING SYSTEMS

UCEAP Transcript Title

OPERATING SYSTEMS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course focuses on how operating systems function as expanded machines, their components, major entities (processes, memory, files, etc.), and relation to the software and hardware of the computer. It explores how to use a program's operating system, the difference between processes and threads, including the main scheduling policies used, how to develop applications with multiple processes or threads using communication and synchronization mechanisms between them, as well as concurrent programming mechanisms.

Language(s) of Instruction

Host Institution Course Number

13878

Host Institution Course Title

SISTEMAS OPERATIVOS

Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=218&asig=13878&idioma=2>

Host Institution Campus

Leganés

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Grado en Ingeniería Informática

Host Institution Department

Departamento de Informática

Course Last Reviewed

2023-2024

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