COURSE DETAIL

AUTOMATA AND FORMAL LANGUAGES THEORY

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
130

UCEAP Course Suffix

UCEAP Official Title
AUTOMATA AND FORMAL LANGUAGES THEORY

UCEAP Transcript Title
AUTOMATA&LANG THRY

UCEAP Quarter Units
5.00

UCEAP Semester Units
3.30

Course Description

This course explores the theory of automata and formal languages. Topics include: automata theory; finite automata; languages and formal grammars; regular languages; pushdown automata; Turing machine; compilers. Pre-requisites: Programming; Programming Techniques.

Language(s) of Instruction
English

Host Institution Course Number
18266

Host Institution Course Title
TEORÍA DE AUTÓMATAS Y LENGUAJES FORMALES

Host Institution Course Details
https://aplicaciones.uc3m.es/cpa/generaFicha?est=362&anio=2024&plan=433&asig=18...

Host Institution Campus
LEGANÉS

Host Institution Faculty
Escuela Politécnica Superior

Host Institution Degree
Matemática Aplicada y Computación

Host Institution Department
Departamento de Informática

Course Last Reviewed
2024-2025

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