COURSE DETAIL

HEURISTICS AND OPTIMIZATION
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) Mathematics Computer Science
UCEAP Course Number 157
UCEAP Course Suffix
UCEAP Official Title HEURISTICS AND OPTIMIZATION
UCEAP Transcript Title HEURISTICS&OPTIMZTN
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course explores the concepts of heuristics and optimization as two means of problem-solving and analysis. Topics include: dynamic programming; linear programming; constrained Boolean satisfiability; constraints programming; search. Pre-requisites: Programming; Algorithms and Data Structures; Discrete Mathematics; Artificial Intelligence.

Language(s) of Instruction
English

Host Institution Course Number
18275

Host Institution Course Title
HEURÍSTICA Y OPTIMIZACIÓN

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
Grado en Matemática Aplicada y Computación

Host Institution Department
Departamento de Informática

Course Last Reviewed
2024-2025

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