COURSE DETAIL

MACHINE REASONING AND EXPERT SYSTEMS

Country
United Kingdom - England

Host Institution
University College London

Program(s)
University College London

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
102

UCEAP Course Suffix
N

UCEAP Official Title
MACHINE REASONING AND EXPERT SYSTEMS

UCEAP Transcript Title
MACHINE REASONING

UCEAP Quarter Units
6.00

UCEAP Semester Units

4.00

Course Description

This course covers the basic principles of machine reasoning, exploring the foundations of the rapidly developing field of artificial intelligence, and outlining the mathematical techniques used in both knowledge representation and future artificial intelligence courses. Once equipped with the main technical and theoretical tools, students are presented with a selection of different applications of machine reasoning, e.g., natural language processing, machine vision, and robotics, to create a point of contact with real-world examples and future, more advanced AI courses.

Language(s) of Instruction
English

Host Institution Course Number
BASC0047

Host Institution Course Title
MACHINE REASONING AND EXPERT SYSTEMS

Host Institution Course Details
https://www.ucl.ac.uk/module-catalogue/modules/machine-reasoning-and-expert-sys...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
UCL Arts and Sciences

Course Last Reviewed
2024-2025

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