COURSE DETAIL

ARTIFICIAL INTELLIGENCE
Country Hong Kong
Host Institution University of Hong Kong
Program(s) University of Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 170
UCEAP Course Suffix
UCEAP Official Title ARTIFICIAL INTELLIGENCE
UCEAP Transcript Title ARTIFICIAL INTELL
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course introduces the subject of artificial intelligence covering the basic principles and technologies of intelligent computer systems and the algorithms to achieve AI and how to develop some AI programs. Topics include: intelligent agents; search techniques for problem solving (uninformed, informed, local, adversarial); knowledge representation; logical inference; propositional logic; reasoning under uncertainty; statistical models and machine learning; probability; Bayes' nets; and decision theory.

Language(s) of Instruction
English

Host Institution Course Number
COMP3270

Host Institution Course Title
ARTIFICIAL INTELLIGENCE

Host Institution Course Details

Host Institution Campus
University of Hong Kong

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2022-2023

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