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 Campus
University of Hong Kong

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

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