

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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