

COURSE DETAIL

EXPLORING ARTIFICIAL INTELLIGENCE

Country

Hong Kong

Host Institution

Hong Kong University of Science and Technology (HKUST)

Program(s)

Hong Kong University of Science and Technology

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

123

UCEAP Course Suffix**UCEAP Official Title**

EXPLORING ARTIFICIAL INTELLIGENCE

UCEAP Transcript Title

ARTIFICIAL INTELL

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course examines the basic elements of artificial intelligence (AI) through understanding examples from various applications and hands-on experimentation using AI software tools. In addition to covering the technical aspect of AI through such topics as search and problem solving, knowledge representation, probabilistic reasoning, machine learning, computer vision and image processing, speech and language processing, and robotics, this course will also study the historical perspective, social and ethical implications, as well as potential and limitations of AI.

Language(s) of Instruction

English

Host Institution Course Number

COMP2211

Host Institution Course Title

EXPLORING ARTIFICIAL INTELLIGENCE

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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