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 Course Details
https://course.cse.ust.hk/comp2211/

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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