

# 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

[Print](#)