

# COURSE DETAIL

## DEMYSTIFYING ARTIFICIAL INTELLIGENCE

**Country**

Hong Kong

**Host Institution**

Chinese University of Hong Kong

**Program(s)**

Hong Kong Summer, CUHK

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

23

**UCEAP Course Suffix****UCEAP Official Title**

DEMYSTIFYING ARTIFICIAL INTELLIGENCE

**UCEAP Transcript Title**

DEMYSTIFY ART INTEL

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## **Course Description**

This course enables students with no technical background to have a general understanding and a taste of hands-on exploration of Artificial Intelligence (AI) and Machine Learning (ML). The course covers the basic concepts, problems, approaches and applications of AI components and systems. It provides an introduction to various topics in AI systems and technologies, e.g., an overview of AI, data representation and visualization, basics of ML, ethical and legal issues with AI, etc. It discusses the applications of engineering principles to selected AI and ML problems, including image classification, machine translation, and voice cloning. It also explores the future possibilities and challenges of AI.

### **Language(s) of Instruction**

English

### **Host Institution Course Number**

ENGG1910

### **Host Institution Course Title**

DEMYSTIFYING ARTIFICIAL INTELLIGENCE

### **Host Institution Course Details**

<https://www.summer.cuhk.edu.hk/2024/01/31/engg1910-demystifying-artificial-inte...>

### **Host Institution Campus**

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

### **Course Last Reviewed**

2024-2025

[Print](#)