COURSE DETAIL

APPLIED DEEP LEARNING

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
140

UCEAP Course Suffix

UCEAP Official Title
APPLIED DEEP LEARNING

UCEAP Transcript Title
APPL DEEP LEARNING

UCEAP Quarter Units
5.00

UCEAP Semester Units
3.30

Course Description

This course examines deep learning. It covers the motivations and principles for building deep learning systems; how deep learning relates to the broader field of artificial intelligence; problems associated with domain specific data; recognition; image generation; reinforcement learning; language translation; computer vision; natural language processing; PyTorch; Tensorflow; and numerical optimization algorithms.

Language(s) of Instruction
English

Host Institution Course Number
COMP3340

Host Institution Course Title
APPLIED DEEP LEARNING

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

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