

COURSE DETAIL

MACHINE LEARNING

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering Electrical Engineering

UCEAP Course Number

184

UCEAP Course Suffix**UCEAP Official Title**

MACHINE LEARNING

UCEAP Transcript Title

MACHINE LEARNING

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course examines machine learning with a specific focus on deep learning technology. It will include the latest and state of the art technologies. Topics include self-attention, transformer, generative model, explainable AI, adversarial attack, privacy, domain adaptation, quantum ML, compression, and meta-learning.

Language(s) of Instruction

Host Institution Course Number

EE5184

Host Institution Course Title

MACHINE LEARNING

Host Institution Course Details

<https://youtu.be/5pIlaLLmQ6k>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2022-2023

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