COURSE DETAIL

INTRODUCTION TO ARTIFICIAL INTELLIGENCE

Country
Korea, South

Host Institution
Yonsei University

Program(s)
Yonsei University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
121

UCEAP Course Suffix

UCEAP Official Title
INTRODUCTION TO ARTIFICIAL INTELLIGENCE

UCEAP Transcript Title
ARTIFICIAL INTEL

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

Computational (data-driven) AI is one of the fastest-growing and most exciting fields lately, and machine learning represents its genuine bleeding edge. In this course, you'll develop a clear understanding of the motivation for machine learning, and design intelligent systems that learn from data. Emphasis is placed on the analysis of these models, on methods of training them and on their application to engineering problems in prediction, regression, and classification. Prerequisites: Calculus, Linear Algebra, Probability Theory and Random Variables, Matlab/Python/C/C++ (either one) Programming skill.

Language(s) of Instruction

English

Host Institution Course Number

EEE3314

Host Institution Course Title

INTRODUCTION ARTIFICIAL INTELLIGENCE

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Electrical and Electronics Engineering

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