COURSE DETAIL

AI FOR FINANCE

Country
Korea, South

Host Institution
Korea Advanced Institute of Science and Technology (KAIST)

Program(s)
Korea Advanced Institute of Science and Technology, KAIST

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Business Administration

UCEAP Course Number
118

UCEAP Course Suffix

UCEAP Official Title
AI FOR FINANCE

UCEAP Transcript Title
AI FOR FINANCE

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course covers financial engineering theories including fixed-income securities, interest rate risks, modern portfolio theory, capital asset pricing model, and derivatives. Students explore and build hands-on experience for application of AI techniques such as dimension reduction, supervised/unsupervised learning, natural language processing, and deep reinforcement learning.

Language(s) of Instruction
English

Host Institution Course Number
IE 40071

Host Institution Course Title
AI FOR FINANCE

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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