

COURSE DETAIL

DEVELOPMENT OF AI-BASED EDUCATION PROGRAM

Country

Korea, South

Host Institution

Yonsei University

Program(s)

Yonsei University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Education

UCEAP Course Number

60

UCEAP Course Suffix**UCEAP Official Title**

DEVELOPMENT OF AI-BASED EDUCATION PROGRAM

UCEAP Transcript Title

AI-BASED ED PROGRAM

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

Educational big data analysis consolidates information to provide teachers and administrators with the big picture of trends and patterns that can be used to evaluate and streamline processes, create efficiencies, and improve the overall students' experience. In this course, students learn:

- a) learning theories and instructional design models for developing educational program;
- b) the characteristics of educational data;
- c) the basic programming language to operate big data analysis;
- d) some machine learning algorithms that allow computers to learn data and to predict unknown results; and,
- e) the skills to embed the machine learning model into the real online educational program.

Language(s) of Instruction

English

Host Institution Course Number

EDU2137

Host Institution Course Title

DEVELOPMENT OF AI-BASED EDUCATION PROGRAM

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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