COURSE DETAIL

DATA STRUCTURE AND ALGORITHM
Country Korea, South
Host Institution Korea University
Program(s) Korea University
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 79
UCEAP Course Suffix
UCEAP Official Title DATA STRUCTURE AND ALGORITHM
UCEAP Transcript Title DATA STRCTR&ALGORTM
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course introduces mathematical tools to evaluate software products and algorithms, examining principal knowledge of data structures in order to represent real world problems with computational algorithms (with abstract data types).

Topics include linear lists, queues, trees, arrays, and hash tables. The course also investigates the principles of software engineering and addresses how to best utilize the acquired principles in designing and realizing software problems through hands-on experience.

Language(s) of Instruction
English

Host Institution Course Number
KECE208

Host Institution Course Title
DATA STRUCTURE AND ALGORITHM(English)

Host Institution Course Details
https://infodepot.korea.ac.kr/lecture1/lecsubjectPlanView.jsp?year=2024&term=2R...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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