COURSE DETAIL

OPTIMIZATION
Country Singapore
Host Institution Singapore University of Technology and Design
Program(s) Singapore University of Technology and Design
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 140
UCEAP Course Suffix
UCEAP Official Title OPTIMIZATION
UCEAP Transcript Title OPTIMIZATION
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

The course covers a broad range of optimization algorithms and models. Topics include linear programming, simplex algorithm, duality, sensitivity analysis, two player zero-sum games, network optimization, minimum cost flow, network simplex algorithm, integer programming, branch and bound methods, cutting plane methods, and dynamic programming.

Language(s) of Instruction
English

Host Institution Course Number
40.002

Host Institution Course Title
OPTIMISATION

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering Systems and Design

Course Last Reviewed
2022-2023

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