COURSE DETAIL

MODELING AND ANALYTICS IN OPERATIONS RESEARCH

Country
New Zealand

Host Institution
University of Auckland

Program(s)
University of Auckland

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Statistics

UCEAP Course Number
116

UCEAP Course Suffix

UCEAP Official Title
MODELING AND ANALYTICS IN OPERATIONS RESEARCH

UCEAP Transcript Title
MDL/ANALY: OP RESCH

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course examines the relationship between business and industrial applications and their associated operations research models. Software packages will be used to solve practical problems. Topics include: linear programming, transportation and assignment models, network algorithms, queues, inventory models, simulation, analytics and visualization.

Language(s) of Instruction
English

Host Institution Course Number
ENGSCI 255

Host Institution Course Title
MODELLING AND ANALYTICS IN OPERATIONS RESEARCH

Host Institution Course Details
https://courseoutline.auckland.ac.nz/dco/course/STATS/255/1253

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

Print