

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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