

COURSE DETAIL

FOREST TRANSPORTATIONS AND ROADS DESIGNS

Country

New Zealand

Host Institution

University of Canterbury

Program(s)

University of Canterbury

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies

UCEAP Course Number

123

UCEAP Course Suffix**UCEAP Official Title**

FOREST TRANSPORTATIONS AND ROADS DESIGNS

UCEAP Transcript Title

FOREST TRANSP& ROAD

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines options for the transport of forest products. It covers soil engineering characteristics and low-cost methods to determine the bearing capacity of subgrade soils; vehicle/road interaction; legal regulations for heavy vehicles operating on New Zealand public roads; forestry truck and trailer designs and their impact on load capacity and vehicle safety; road design for forest roads and the design of low-cost water crossings and drainage structures; application of RoadEng road design software; and cost estimation and contract management for road construction.

Language(s) of Instruction

English

Host Institution Course Number

FORE 423

Host Institution Course Title

FOREST TRANSPORTATIONS AND ROADS DESIGNS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2023-2024

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