# COURSE DETAIL

| FOREST TRANSPORTATIONS AND ROADS DESIGNS |
| --- |
| **Country**<br>New Zealand |
| **Host Institution**<br>University of Canterbury |
| **Program(s)**<br>University of Canterbury |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Environmental Studies |
| **UCEAP Course Number**<br>123 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>FOREST TRANSPORTATIONS AND ROADS DESIGNS |
| **UCEAP Transcript Title**<br>FOREST TRANSP& ROAD |
| **UCEAP Quarter Units**<br>6.00 |
| **UCEAP Semester Units**<br>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

Print