

# COURSE DETAIL

## ROCK DEFORMATION

**Country**

New Zealand

**Host Institution**

University of Otago

**Program(s)**

University of Otago

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Earth & Space Sciences

**UCEAP Course Number**

175

**UCEAP Course Suffix****UCEAP Official Title**

ROCK DEFORMATION

**UCEAP Transcript Title**

ROCK DEFORMATION

**UCEAP Quarter Units**

7.00

**UCEAP Semester Units**

4.70

## Course Description

This course centers around developing practical skills in structural geology to help understand the broad field of rock deformation. Focus is on the fundamentals of describing the geometry of structures and interpreting these in terms of the kinematics and dynamics of rock deformation. The paper aims to provide a solid base for students wishing to use structural geology in research or applied science. The paper involves some student groups conducting some unique laboratory experiments that enhance significantly student understanding of rock deformation processes and contribute to ongoing research in the department. Critical reading of scientific literature is a cornerstone of this paper.

## Language(s) of Instruction

English

## Host Institution Course Number

GEOL275

## Host Institution Course Title

ROCK DEFORMATION

## Host Institution Campus

Dunedin

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Geology

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