

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 Course Details

Host Institution Campus

Dunedin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Geology

Course Last Reviewed

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