



Course

# Fundamentals of Geomechanics

CVEN9525

6 Units of Credit

## Overview

This is a Professional Development Course. Fundamentals of Geomechanics for geologists and other professionals who wish to work in geotechnical engineering, engineering geology, and environmental engineering. Classification of soil, phase relationships, flow of water in soil. The principle of effective stress. Consolidation theory, stress distribution and settlement. Mohr's Circle, failure criteria, stress paths and strength of soils. Lateral earth pressures.

**Faculty**

Faculty of Engineering

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**School**

School of Civil and Environmental Engineering

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**Study Level**

Postgraduate

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**Offering Terms**

Term 1, Term 3

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**Campus**

Kensington

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**Delivery Mode**

Fully on-site

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**Indicative contact hours**

4

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**Timetable**

[Visit timetable website for details](#)

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## **Course Outline**

To access course outline, please visit:

[CVEN9525 Course Outline](#)

## Fees

Commonwealth Supported Students \$1170

Domestic Students \$4350

International Students \$5730

### **DISCLAIMER**

Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the [fee website](#).

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.

## **Pre-2019 Handbook Editions**

Access past handbook editions (2018 and prior)

[Pre-2019 Handbook Editions](#)

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Authorised by Deputy Vice-Chancellor (Academic)

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