Overview

The course will teach the fundamentals of well logging and log interpretation which will be encountered almost in every stage of oil and gas project developments. Students will be also introduced to real well-log data for quality control, analysis and interpretation using both PETREL and MATLAB software and will learn the way well-log data are obtained, processed and presented within industry standards. Students will also gain hands-on experience in a variety of core analysis in a well-equipped core analysis laboratory at the School of Petroleum Engineering including porosity and permeability, capillary pressure, and ultrasonic travel time measurements. A one day site visit will be organized for the students to use an actual logging tool running in a shallow well.
Faculty
Faculty of Engineering

School
School of Minerals & Energy Resources Engineering

Study Level
Undergraduate

Offering Terms
Term 2

Campus
Kensington

Delivery Mode
Fully on-site

Indicative contact hours
6

Timetable
Visit timetable website for details
Course Outline

To access course outline, please visit:

PTRL2020 Course Outline
### Fees

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
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<tr>
<td>Commonwealth Supported Students</td>
<td>$1191</td>
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<tr>
<td>Domestic Students</td>
<td>$5970</td>
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<td>International Students</td>
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**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. Fees for courses delivered through [UNSW Global](https://www.unsw.edu.au/) are published and charged by UNSW Global and thus appear as "Not Applicable" on this site.

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)
CRICOS Provider Code 00098G
ABN: 57 195 873 179