Overview

This course aims to introduce students to the principles of object-oriented design and to fundamental techniques in object-oriented programming. It is typically taken in the second year of study, after COMP2521, to ensure an appropriate background in data structures. The knowledge gained in COMP2511 is useful in a wide range of later-year CS courses.

The goal of the course is to expose students to:

- the fundamental principles of object-oriented design
- object-oriented programming and object-oriented design in Java
- the application of sound programming and design skills
- problem solving and modeling of real world problems from science, engineering, and economics using the object-oriented paradigm

Topics:

<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>Faculty of Engineering</th>
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<tr>
<td><strong>School</strong></td>
<td>School of Computer Science and Engineering</td>
</tr>
<tr>
<td><strong>Study Level</strong></td>
<td>Undergraduate</td>
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<tr>
<td><strong>Offering Terms</strong></td>
<td>Term 2, Term 3</td>
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<td><strong>Campus</strong></td>
<td>Kensington</td>
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<td><strong>Delivery Mode</strong></td>
<td>Fully on-site</td>
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<td><strong>Indicative contact hours</strong></td>
<td>5</td>
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<td><strong>Timetable</strong></td>
<td>Visit timetable website for details</td>
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Conditions for Enrolment

Prerequisite: COMP1531 AND (COMP2521 OR COMP1927)
Exclusion Courses

COMP2911  |  6 UOC
Engineering Design in Computing

COMP2011  |  6 UOC
Data Organisation
Course Outline

To access course outline, please visit:

COMP2511 Course Outline
Fees

Commonwealth Supported Students  $1191
Domestic Students  $5970
International Students  $5970

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.
Additional Information

This course is offered as General Education.
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