Course

Object-Oriented Design & Programming

COMP2511 | 6 Units of Credit

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:

Faculty
Faculty of Engineering

School
School of Computer Science and Engineering

Study Level
Undergraduate

Offering Terms
Term 2, Term 3

Campus
Kensington

Delivery Mode
Fully on-site

Indicative contact hours
5

Timetable
Visit timetable website for details
Conditions for Enrolment

Prerequisite: COMP1531 AND (COMP2521 OR COMP1927)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>UOC</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP2011</td>
<td>6</td>
<td>Data Organisation</td>
</tr>
<tr>
<td>COMP2911</td>
<td>6</td>
<td>Engineering Design in Computing</td>
</tr>
</tbody>
</table>
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
© UNSW Sydney (CRICOS Provider No.: 00098G), 2019. The information contained in this Handbook is indicative only. While every effort is made to keep this information up-to-date, the University reserves the right to discontinue or vary arrangements, programs and courses at any time without notice and at its discretion. While the University will try to avoid or minimise any inconvenience, changes may also be made to programs, courses and staff after enrolment. The University may also set limits on the number of students in a course.

Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179