Overview

An introduction to problem-solving via programming, which aims to have students develop proficiency in using a high level programming language. Topics: algorithms, program structures (statements, sequence, selection, iteration, functions), data types (numeric, character), data structures (arrays, tuples, pointers, lists), storage structures (memory, addresses), introduction to analysis of algorithms, testing, code quality, teamwork, and reflective practice. The course includes extensive practical work in labs and programming projects.

Additional Information

This course should be taken by all CSE majors, and any other students who have an interest in computing or who wish to be extended. It does not require any prior computing knowledge or experience.

COMP1511 leads on to COMP1521, COMP1531, COMP2511 and COMP2521, which form the core of the study of computing at UNSW and which are pre-requisites for the full range of further computing courses.

Due to overlapping material, students who complete COMP1511 may not also enrol in COMP1911 or COMP1921.
Faculty
Faculty of Engineering

School
School of Computer Science and Engineering

Study Level
Undergraduate

Offering Terms
Term 1, Term 2, Term 3

Campus
Kensington

Indicative contact hours
7

Timetable
Visit timetable website for details
Equivalent Courses

COMP1917 6 UOC
Computing 1

DPST1091 6 UOC
Introduction to Programming
Exclusion Courses

DPST1091  |  6 UOC
Introduction to Programming
Course Outline

To access course outline, please visit:

COMP1511 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