Overview

The course presents the fundamental aspects of computing, which include historic views on analogue and biological computing, and then focuses on the most important technologies for digital and neuromorphic computing. For digital computing the discussions cover binary logic and arithmetic, hardware and instruction set architectures and the fundamental concepts that underlie operating systems. For neuromorphic computing the course investigates the fundamental concepts related to 2nd and 3rd generation artificial neural networks, and presents several neuromorphic applications enabled by the digital computing technologies presented earlier in the course.
Faculty
UNSW Canberra at ADFA

School
UC Engineering & Information Technology

Study Level
Undergraduate

Offering Terms
Semester 2

Campus
Canberra

Delivery Mode
Fully on-site

Indicative contact hours
5

Timetable
Visit timetable website for details
Conditions for Enrolment

Prerequisite: ZEIT1102
Course Outline

To access course outline, please visit:

ZEIT2102 Course Outline
Fees

Commonwealth Supported Students  Not Applicable
Domestic Students  Not Applicable
International Students  Not Applicable

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