Simulation Applications

ZEIT8413 | 6 Units of Credit

Overview

The simulation application subject is designed to expose students to simulation design principles and options for different uses. The subject will go beyond the uses to explain how the design impact the use, how the methodology in the simulation engine impacts the result, and why an understanding of the use and the experimentation environment is key to the successful employment of simulation in practice. By concluding this subject, students would learn the use of simulation in the six domains: physical, information, cyber, cognitive, behavioural and social. In conjunction with the five military domains of land, sea, air, cyber and space, students will understand the use of simulation in defence, health, education, training, prediction, decision support, as thinking tools, for red teaming and for policy design.

More advanced discussions on experimentation using live, constructive and virtual simulations would expose students to design strategies, human factors, usability, and practical challenges in adopting simulation for decision making. The subject will conclude with explaining distributed simulations and simulation architectures.
Faculty
UNSW Canberra at ADFA

School
UC Engineering & Information Technology

Study Level
Postgraduate

Offering Terms
Semester 2

Campus
Canberra

Delivery Mode
Fully online

Indicative contact hours
3

Timetable
Visit timetable website for details
Conditions for Enrolment

Restricted to students enrolled in Graduate Diploma or Masters programs.
Course Outline

To access course outline, please visit:

ZEIT8413 Course Outline
## Fees

<table>
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<tr>
<th>Commonwealth Supported Students</th>
<th>Not Applicable</th>
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<tr>
<td>Domestic Students</td>
<td>$3810</td>
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<tr>
<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.

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