Course

Engineering Vertically Integrated Project

ENGG2600  |  2 Units of Credit
Overview

This course is designed for highly motivated undergraduates seeking the opportunity to integrate specific curricular and co-curricular components into their undergraduate program, to provide them with enhanced preparation and experience in the areas of Leadership and Project Management as it relates to engineering research and/or design, and thus giving them a headstart when seeking employment.

The courses run across three consecutive terms within a single calendar year: T1,2 and 3 (2 UoC per Term) for a total of 6 UoC at the end, which enables students to extend their project-based learning experience beyond a single semester.

You must complete all three terms of the course and satisfy all assessment requirements as set out by the course coordinator to receive full course credit. Partial credits will not be given.

Students will pursue research or project execution in a particular theme, explore interdisciplinary course-work, gain a global perspective, develop an entrepreneurial mindset, or give back to the community through service learning. Benefits for participating can include unique opportunities and experiences, mentoring by academic supervisors, guest speakers, and funding opportunities and engagement with industry partners.

Under the guidance of academic mentors and industry mentors, this course provides a vehicle for guided but independent group project work on varying briefs. The learning and effort in the course is largely team-based, with team-members ideally being drawn from different discipline areas. Students will develop their skills in critical thinking, problem definition, creative and systematic design, precise written and oral technical communication skills, and professional skills including communication and team organisation and coordination. The course allows students to design, build and research a variety of projects.

ENGG2600 is the first course in a "vertical" sequence of project-based learning courses, with ENGG3600 and ENGG4600 also offered, and thereby allows students an opportunity to engage again at a more senior level and attain more advanced skills.
Faculty
Faculty of Engineering

Study Level
Undergraduate

Offering Terms
Term 1, Term 2, Term 3

Campus
Kensington

Delivery Mode
Fully on-site

Indicative contact hours
5

Timetable
Visit timetable website for details
Conditions for Enrolment

Pre-requisite : (ENGG1000 or enrolled in Food Science or Computer Science plan) AND completion of at least 42 UOC AND enrolled in a program offered by the Faculty of Engineering
Fees

Commonwealth Supported Students  $397
Domestic Students  $1990
International Students  $1990

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)

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Authorised by Deputy Vice-Chancellor (Academic)
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