ENGR 4027 INDUSTRIAL DESIGN APPLIED RESEARCH PROJECT (HONOURS)

Credit Points 20

Legacy Code 301299

Coordinator Mauricio Novoa (https://directory.westernsydney.edu.au/search/name/Mauricio Novoa/)

Description The Industrial Design Honours Program provides candidates with an opportunity to undertake a significant design research project and research training component that explores design issues including products, services, systems and research methods. In this subject students combine scholarly inquiry, critical thinking, design thinking, applied design research methods and exploratory prototyping informed by state of the art research via literature review, and human-centred design methods with ethical considerations. Discussion of results of preliminary concept explorations of low to medium fidelity are further refined towards a reframed and detailed design brief, research project timeline, and evolved design research methodology in preparation for a high quality research proposal and a substantial creative work.

School Eng, Design & Built Env

Discipline Other Engineering And Related Technologies

Student Contribution Band HECS Band 2 20cp

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 4 subject

Equivalent Subjects LGYC 4734 Industrial Design Project (Commencement)

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task
Report	2,000 words	10	N	Individual
Applied Project	1,500 words	5	Y	Individual
Applied Project	1,500 words	15	N	Individual
Portfolio	30 pages (Process Diary) 15 pages (Engineering Drawings for fabrication) 15 pages (Project report)	30	N	Individual
Report	3 x Human-centred design prototypes 2 x functional principles models 1 x full size scale model study 1 x contextual perspective with intended industrial design proposal 10 minutes (Presentation)	40	N	Individual

Teaching Periods

Autumn (2024)

Parramatta City - Macquarie St

On-site

Subject Contact Mauricio Novoa (https://directory.westernsydney.edu.au/search/name/Mauricio Novoa/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR4027_24-AUT_PC_1#subjects)