

# ENGR 1041 DESIGNING FOR USER EXPERIENCE (UX)

Credit Points 10

Legacy Code 301284

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

**Description** Understanding product-oriented user requirements and mapping user experience journeys provide rich inputs for new product and service innovations. In this subject students will focus on user needs and the interactive elements which, when combined, create successful user experiences through impactful user interfaces, and highly differentiated outcomes. Students will engage in an applied project in response to an interaction design challenge. As part of their project students will incorporate elements to evoke strong emotional, sensorial and functional connections which are essential in creating inclusive design, engaged usability, and high-quality human-centred experiences, for successful products and services.

School Eng, Design & Built Env

Discipline Other Engineering And Related Technologies

Student Contribution Band HECS Band 2 10cp

Check your fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

Level Undergraduate Level 1 subject

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Conduct research on user perception of utility, ease of use, efficiency and effectiveness of products and services
2. Design user experience using research data and through testing
3. Communicate findings to diverse audiences in a range of formats
4. Follow an iterative user design process using a set of techniques

## Subject Content

1. Contextual Inquiry
2. Human-Centred Design
3. User Research
4. Interaction Design
5. Experience Strategy
6. Information Architecture
7. Experience Prototyping

## 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	Mandatory Task
Applied Project	1,250 words	25	N	Individual	Y

Applied Project	500 words for abstract (15%); 3 x concept proposals (20%)	35	N	Individual	Y
Applied Project	1000 words 1 x proposal (1,2,3,4) (Article 10%, Proposal 20%) 5 minutes Presentation (2,3,4) (10%)	40	N	Individual	Y

Teaching Periods

## Spring (2025)

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/odd/timetable/?subject\\_code=ENGR1041\\_25-SPR\\_PC\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR1041_25-SPR_PC_1#subjects))