

# ENGR 4028 INDUSTRIAL DESIGN PROJECT (COMMENCEMENT)

**Coordinator** Jean Payette ([https://directory.westernsydney.edu.au/search/name/Jean Payette/](https://directory.westernsydney.edu.au/search/name/Jean%20Payette/))

## Student Contribution Band

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

## Assumed Knowledge

Knowledge related to the successful completion of year 3 Industrial Design or equivalent (e.g. Design & Technology) is assumed. Ability to use: E-mail, Internet Web Browser, WebCT or equivalent, Word processing program, CAD software, Workshop machinery (e.g. mill, lathe, sander, rapid prototyping machine). Knowledge and/or experience in: Referencing, Lab/Workshop O&HS, Report writing, Essay writing, Process Diary, Group work, Research Methods for Industrial Designers, Project Management, Ethical Research Approval Process.

## Special Requirements

Legislative pre-requisites

Ethics clearance if required.

## 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.

Item	Length	Percent	Threshold	Individual/ Group Task
Part A: Research Design, Literature Review and Ethics Approval Part B: Design Brief	Part A: 2000 words Part B: 500 words	15	N	Individual
Design Communicative	3 x A3 Colour printed Concept rendering	15	N	Individual
Documentation -Part A: Draft Engineering Drawings to AS1100 - Part B: Visual Process Diary	Part A: 10 to 15 pages engineering drawings Part B: 1 x A3 bound document, 50 pages	30	N	Individual
Project Progress Report	5000 words	15	N	Individual

Project Proposal Presentation/ Project Pitch	10 minutes	5	N	Individual
3D Model	Physical/ Tangible 3D Model accompanied by a 10 mins demo presentation	20	N	Individual

Teaching Periods