

ENGR 3028 MENTORED PRACTICE IN DESIGN INNOVATION

Credit Points 10

Legacy Code 301401

Coordinator Parisa Ziaesaeidi (<https://directory.westernsydney.edu.au/search/name/Parisa Ziaesaeidi/>)

Description Mentored Practice offers a program of professionally oriented activities that refine planning for graduate destinations in the design, innovation and manufacturing industries and in particular new product development. Students will focus on career and practical industry attributes, and attend design industry seminars that directly influence their major project, honours thesis, or industrial design capstone project from a strategic and professional practice perspective. This subject assists students on preparing a strategic early career plan which includes a personal portfolio of works with tips on how to commercialise their current academic project, observations and analysis of current design industry practice, and a self-directed practical placement for up to 70 hours.

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/) page.

Level Undergraduate Level 3 subject

Equivalent Subjects ENGR 3031 Mentored Practice in Design (Industry)

Restrictions

Students must be enrolled in Bachelor of Design and Technology, Bachelor of Industrial Design or Bachelor of Industrial Design (Honours) and have successfully completed 160 credit points.

Learning Outcomes

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

1. Reflect upon real-life experience in developing new products or services within a firm and through mentor-guided professional practice growth with view to enhance employment prospects
2. Report on some of the decision-making processes that affect the development process of industrially produced products
3. Discuss the multidisciplinary nature of the interaction of all those involved in the product or service development process from the conception of the idea to the introduction of new product to the market place and related strategic development processes
4. Test the validity of the design practice methods on a real-life situation
5. Observe and reflect on a company's "culture" and the various methodologies that companies develop over time to conceive, develop and produce new products
6. Strategise approaches for future employment

Subject Content

1. Professional Practice Seminars
2. Professional Portfolio Development

3. Mentor Relationship Strategies and Procurement
4. Reflective Professional Practice Report
5. Strategic Career Planning

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	Mandatory
Portfolio	Source projects, prepare and develop a portfolio design (6 project summary)	40	N	Individual	N
Report	Practice Log Sheets and Report (up to 12 pages)	40	N	Individual	N
Presentation	7 minutes (presentation)	20	N	Individual	N

Teaching Periods

Spring (2025)

Online

Online

Subject Contact Parisa Ziaesaeidi (<https://directory.westernsydney.edu.au/search/name/Parisa Ziaesaeidi/>)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR3028_25-SPR_ON_2#subjects)