

# ENGR 3017 INDUSTRIAL EXPERIENCE (ENGINEERING)

**Credit Points** 0

**Legacy Code** 300741

**Coordinator** Ee Loon Tan ([https://directory.westernsydney.edu.au/search/name/Ee Loon Tan/](https://directory.westernsydney.edu.au/search/name/Ee%20Loon%20Tan/))

**Description** Industry experience is a significant opportunity for students to understand employer expectations in relation to working on projects and with others in a professional capacity. Students undertake 12 weeks full-time (37.5 hours per week) employment (or equivalent) to obtain relevant workplace experience in Engineering under the supervision of professional engineers in one or more companies. Students identify learning opportunities and goals with a focus on applying academic learning in practice, learning project management, work culture, professional attitude and self-awareness. Students develop critical reflective skills in reporting their progress.

**School** Eng, Design & Built Env

**Discipline** Other Engineering And Related Technologies

**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.

**Level** Undergraduate Level 3 subject

**Equivalent Subjects** ENGR 3016 - Industrial Experience (Engineering)

## Learning Outcomes

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

1. Demonstrate planning and goal setting skills with a comprehensive plan for work experience.
2. Critically reflect on personal and professional skills required for the workplace context.
3. Report on your experience applying academic learning in the workplace and on your experience learning engineering, engineering processes, and work culture in the workplace context.
4. Provide evidence of working effectively and inclusively with others in multi-disciplinary teams.
5. Assess your work performance using self-assessment and assessment by others.
6. be able to relate academic course material to workplace conditions
7. develop experience in various aspects of engineering and engineering management -planning, organizing and time management of engineering projects, understanding, and adapting to, the workplace culture
8. develop appropriate workplace skills, work habits and professional attitudes by working with a professional engineer
9. be able to report the work-log book recording and report writing
10. be able to work in a team environment.

## Subject Content

A 12 week period of industrial training under the supervision of a professional engineer(s)

A 12-week period of industrial training under the supervision of professional engineers.

## 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
Proposal	Not specified	0	N	Individual
Log/ Workbook	Not specified	0	N	Individual
Report	2500 words are recommended	0	N	Individual

Teaching Periods

## Autumn

### Penrith (Kingswood)

**Day**

**Subject Contact** Ee Loon Tan ([https://directory.westernsydney.edu.au/search/name/Ee Loon Tan/](https://directory.westernsydney.edu.au/search/name/Ee%20Loon%20Tan/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR3017\\_22-AUT\\_KW\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR3017_22-AUT_KW_D#subjects))

### Parramatta - Victoria Rd

**Day**

**Subject Contact** Ee Loon Tan ([https://directory.westernsydney.edu.au/search/name/Ee Loon Tan/](https://directory.westernsydney.edu.au/search/name/Ee%20Loon%20Tan/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR3017\\_22-AUT\\_PS\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR3017_22-AUT_PS_D#subjects))

## Sydney City Campus - Term 1

### Sydney City

**Day**

**Subject Contact** Ankit Agarwal ([https://directory.westernsydney.edu.au/search/name/Ankit Agarwal/](https://directory.westernsydney.edu.au/search/name/Ankit%20Agarwal/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR3017\\_22-SC1\\_SC\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR3017_22-SC1_SC_D#subjects))

## Sydney City Campus - Term 2

### Sydney City

**Day**

**Subject Contact** Peter Lendrum ([https://directory.westernsydney.edu.au/search/name/Peter Lendrum/](https://directory.westernsydney.edu.au/search/name/Peter%20Lendrum/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR3017\\_22-SC2\\_SC\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR3017_22-SC2_SC_D#subjects))

## Spring

### Penrith (Kingswood)

**Day**

**Subject Contact** Ee Loon Tan ([https://directory.westernsydney.edu.au/search/name/Ee Loon Tan/](https://directory.westernsydney.edu.au/search/name/Ee%20Loon%20Tan/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR3017\\_22-SPR\\_KW\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR3017_22-SPR_KW_D#subjects))

## **Parramatta - Victoria Rd**

### **Day**

**Subject Contact** Ee Loon Tan ([https://directory.westernsydney.edu.au/search/name/Ee Loon Tan/](https://directory.westernsydney.edu.au/search/name/Ee%20Loon%20Tan/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR3017\\_22-SPR\\_PS\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR3017_22-SPR_PS_D#subjects))

## **Sydney City Campus - Term 3**

### **Sydney City**

### **Day**

**Subject Contact** Ankit Agarwal ([https://directory.westernsydney.edu.au/search/name/Ankit Agarwal/](https://directory.westernsydney.edu.au/search/name/Ankit%20Agarwal/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR3017\\_22-SC3\\_SC\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR3017_22-SC3_SC_D#subjects))