

# ENGR 2030 INDUSTRIAL EXPERIENCE (ASSOCIATE ENGINEER) (WSTC ASSOC D)

**Credit Points** 10

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

**Description** Industry experience provides a significant opportunity for students to understand employer expectations in relation to working on projects and with others in a professional capacity. Students undertake six weeks full-time (37.5 hours per week) employment (or part time 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

**Student Contribution Band** HECS Band 2 10cp

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 2 subject

**Restrictions** Students must be enrolled at The College in 7022 Associate Degree in Engineering. Students must have completed 60 credit points.

## Assumed Knowledge

A broad background knowledge in the relevant engineering discipline (ie equivalent to that obtained after completing one and a half (1.5) years of the associate engineering program).

## 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.

## Subject Content

225 hours of industrial training under the supervision of a professional engineer(s) or engineer associate(s).

## 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/<br>Group Task |
|-----------|-------------|---------|-----------|---------------------------|
| Portfolio | Daily diary | S/U     | N         | Individual                |

Teaching Periods

## Quarter 1

### Nirimba Education Precinct

#### Composite

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

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR2030\\_22-Q1\\_BL\\_C#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR2030_22-Q1_BL_C#subjects))