

# ENGR 1036 CONSTRUCTION COMMUNICATION

**Credit Points** 10

**Legacy Code** 301213

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

**Description** This subject encourages students to explore professional responsibilities and challenges faced by construction professionals. Students are introduced to the construction profession through the use of industry case studies and project problems. Students engage in a research and problem-solving task that addresses sustainability imperatives and fosters fundamental research and communication skills. Special emphasis is placed on academic and business literacy, project management and teamwork which equip students for subsequent academic and professional contexts.

**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

**Equivalent Subjects** ENGR 1016 - Engineering Design Construction Practice ENGR 1029 - Professional Competencies ENGR 1033 - Engineering Design and Construction Practice (UWSC) LGYB 0482 - Engineering Design and Construction Practice (UWSC Assoc Deg) ENGR 1030 - Professional Competencies

## Restrictions

Must be enrolled in the following programs: 2607 Bachelor of Construction Management, 3762 Bachelor of Construction Management (Honours), 3727 Bachelor of Building Design Management, 3692 Bachelor of Construction Technology, 3782 Bachelor of Construction Management Advanced (Honours)

## Learning Outcomes

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

1. Identify and reflect upon the roles and responsibilities of construction professionals
2. Deploy information literacy skills to investigate a construction problem, consider alternate approaches and evaluate possible solutions
3. Recommend and argue for, feasible, innovative and sustainable solutions to problems
4. Deploy academic and business literacy skills including report writing, argument construction and referencing
5. Communicate research outcomes clearly and professionally in visual and verbal presentations
6. Plan, manage and actively contribute to a team based project

## Subject Content

1. Communication skills: written, visual and verbal presentations
2. Roles and responsibilities of construction professionals
3. Academic and Business literacy skills
4. Problem-solving

5. Critical thinking
6. Information literacy and the research process
7. Time and project management
8. Industry case studies
9. Sustainable and Innovative approaches

## 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
Report	1,000 words	15	N	Individual
Report	1,000 words plus 3 minute presentation	20	N	Individual
Report	1,000 words per student plus 15 minute group presentation.	55	N	Both (Individual & Group)
Quiz	10 activities comprising of 150 word journal entries OR short online quizzes OR in-class tutorial activities	10	N	Individual

Teaching Periods

## Autumn (2024)

### Penrith (Kingswood)

#### On-site

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

View timetable ([https://classregistration.westernsydney.edu.au/event/timetable/?subject\\_code=ENGR1036\\_24-AUT\\_KW\\_1#subjects](https://classregistration.westernsydney.edu.au/event/timetable/?subject_code=ENGR1036_24-AUT_KW_1#subjects))

### Parramatta - Victoria Rd

#### On-site

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

View timetable ([https://classregistration.westernsydney.edu.au/event/timetable/?subject\\_code=ENGR1036\\_24-AUT\\_PS\\_1#subjects](https://classregistration.westernsydney.edu.au/event/timetable/?subject_code=ENGR1036_24-AUT_PS_1#subjects))

## Spring (2024)

### Penrith (Kingswood)

#### On-site

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

View timetable ([https://classregistration.westernsydney.edu.au/event/timetable/?subject\\_code=ENGR1036\\_24-SPR\\_KW\\_1#subjects](https://classregistration.westernsydney.edu.au/event/timetable/?subject_code=ENGR1036_24-SPR_KW_1#subjects))

## **Parramatta - Victoria Rd**

### **On-site**

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

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