

ENGR 1037 CONSTRUCTION COMMUNICATION (WSTC)

Credit Points 10

Legacy Code 700290

Coordinator Robert Paluzzano (https://directory.westernsydney.edu.au/search/name/Robert_Paluzzano/)

Description This subject encourages students to explore professional responsibilities and challenges faced by construction professionals. Students are introduced to the construction management 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/) page.

Level Undergraduate Level 1 subject

Equivalent Subjects ENGR 1016 Engineering Design Construction Practice

ENGR 1029 Professional Competencies

ENGR 1033 Engineering Design Construction Practice (WSTC) LGYB

0482 Engineering Design Construction Practice (Assoc Deg)

ENGR 1036 Construction Communication and

ENGR 1030 Professional Competencies (WSTC)

Restrictions

Students must be enrolled at The College. Students enrolled in Extended Diploma programs: 7136 Dip Building Design Management Extended and 7137 Dip Construction Management Extended must have passed 30 credit points of preparatory subjects in order to enrol in this subject.

Students enrolled in 6045 Diploma in Construction Technology/ Bachelor of Construction Technology or 6031 Dip Building Design Management/B Building Design Management must have passed or be enrolled in the preparatory units in their course in order to enrol in this subject.

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.
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
Quiz	1 hour	5	N	Individual
Case Study	800 words	20	N	Individual
Report	1000 words – per student submitted as a well-integrated team report	50	N	Group/ Individual
Presentation	12 – 15 minutes	25	N	Group/ Individual

Teaching Periods

Term 1 (2024)

Penrith (Kingswood)

On-site

Subject Contact Robert Paluzzano (https://directory.westernsydney.edu.au/search/name/Robert_Paluzzano/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR1037_24-T1_KW_1#subjects)

Term 2 (2024)

Penrith (Kingswood)

On-site

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View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR1037_24-T2_KW_1#subjects)