

BLDG 1007 CONSTRUCTION WORK SAFETY

Credit Points 10

Legacy Code 301061

Coordinator Qinjun Liu ([https://directory.westernsydney.edu.au/search/name/Qinjun Liu/](https://directory.westernsydney.edu.au/search/name/Qinjun%20Liu/))

Description This introductory subject describes the context of safety management in the Australian construction industry. The topics covered include: The poor long-term record in the construction industry on Workplace Health and Safety (WHS); Strategies for improving the industry performance; Introduction to hazard identification and risk management; and Individual safety awareness and personal responsibility.

School Eng, Design & Built Env

Discipline Construction Engineering

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 BLDG 1008 - Construction Work Safety (WSTC)

Learning Outcomes

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

1. Recognise the importance of workplace health and safety in the construction industry
2. Recognise the WHS responsibilities and legal framework
3. Understand the costs and causes of workplace injuries and accidents
4. Conduct WHS risk assessment and management for construction projects
5. Apply WHS principles and theories to systematically design and evaluate WHS strategies and interventions for construction projects

Subject Content

Workplace safety responsibilities

Causes of accidents

Risk management

WHS hazards and control

WHS legal framework

Accident investigation

Economics and ethics of construction safety

Promoting safety: principles and strategies

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 | 40 minutes | 20 | N | Individual |
| Report | 2500 words (excluding graphs and reference list) | 35 | N | Individual |
| Final Exam | 2 hours | 45 | N | Individual |

Teaching Periods

Autumn (2024)

Penrith (Kingswood)

On-site

Subject Contact Peng Zhang ([https://directory.westernsydney.edu.au/search/name/Peng Zhang/](https://directory.westernsydney.edu.au/search/name/Peng%20Zhang/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG1007_24-AUT_KW_1#subjects)

Parramatta - Victoria Rd

On-site

Subject Contact Ron Prasad ([https://directory.westernsydney.edu.au/search/name/Ron Prasad/](https://directory.westernsydney.edu.au/search/name/Ron%20Prasad/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG1007_24-AUT_PS_1#subjects)