

# BLDG 1007 CONSTRUCTION WORK SAFETY

**Credit Points** 10

**Legacy Code** 301061

**Coordinator** Qinjun Liu (<https://directory.westernsydney.edu.au/search/name/Qinjun Liu/>)

**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/](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 | Mandatory |
|-------------------|-----------|---------|-----------|------------------------|-----------|
| Professional Task | 800 words | 20      | N         | Individual             | N         |

|            |   |    |   |            |   |
|------------|---|----|---|------------|---|
| Report     | 2000 words<br>(excluding graphs and reference list) | 40 | N | Individual | N |
| Final Exam | 2 hours   | 40 | N | Individual | Y |

Teaching Periods

**Autumn (2025)**

**Penrith (Kingswood)**

**On-site**

**Subject Contact** Peng Zhang (<https://directory.westernsydney.edu.au/search/name/Peng Zhang/>)

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=BLDG1007\\_25-AUT\\_KW\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=BLDG1007_25-AUT_KW_1#subjects))

**Parramatta - Victoria Rd**

**On-site**

**Subject Contact** Ron Prasad (<https://directory.westernsydney.edu.au/search/name/Ron Prasad/>)

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=BLDG1007\\_25-AUT\\_PS\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=BLDG1007_25-AUT_PS_1#subjects))