

# BLDG 1022 CONSTRUCTION SITE SAFETY (WSTC)

**Credit Points** 10

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

**Description** This subject describes the context of safety management within the Australian construction industry. Covering a range of topics, the subject addresses the sector's historically subpar performance in Workplace Health and Safety (WHS) while exploring avenues for improvement. The subject extends beyond basic hazard identification and risk management to encompass an in-depth look at workplace safety responsibilities, causes of accidents, WHS legal frameworks, and individual accountability. It also covers the specific hazards and controls related to WHS, techniques for thorough accident investigation, and the economic and ethical considerations affecting construction safety. Finally, the subject outlines effective principles and strategies for promoting a culture of safety within the industry.

**School** Eng, Design & Built Env

**Discipline** Building Construction Management

**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

## Restrictions

Students must be enrolled in an existing Destination College Diploma program listed below:

- 7188 Diploma in Culture, Society and Justice
- 7189 Diploma in Health Science
- 7190 Diploma in Business
- 7191 Diploma in Information and Communication Technologies
- 7192 Diploma in Building Design and Construction
- 7193 Diploma in Engineering Studies
- 7194 Diploma in Creative Industries and Communications
- 7195 Diploma in Arts
- 7196 Diploma in Science
- 7197 Diploma in Education Studies

## Learning Outcomes

After successful completion of this subject, students will be able to:

1. Understand and articulate the importance of Workplace Health and Safety (WHS) within the Australian construction industry.
2. Recognise the legal and ethical responsibilities related to WHS in construction, including regulatory frameworks.
3. Examine the economic implications and root causes of workplace injuries and accidents in the construction sector.
4. Perform comprehensive risk assessment and implement effective WHS management strategies in construction projects.
5. Utilise WHS theories and principles to systematically develop and assess safety interventions and strategies in construction.

## Subject Content

- Workplace Safety responsibilities and WHS legal framework
- Causes of accidents, WHS hazards and controls, and safe design
- Risk management and accident investigation
- Economics and ethics of construction safety and 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
Quiz	2x Quiz, 30 minutes each	30	N	Individual	N
Case Study	1500 words	30	N	Individual	N
Viva Voce	10 minutes	40	N	Individual	N

Teaching Periods

## Spring Block 2 (2025)

### Penrith (Kingswood)

#### On-site

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

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=BLDG1022\\_25-SB2\\_KW\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=BLDG1022_25-SB2_KW_1#subjects))