

BLDG 1008 CONSTRUCTION WORK SAFETY (WSTC)

Credit Points 10

Legacy Code 700256

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

Description This 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 1007 - Construction Work Safety

Restrictions

Students must be enrolled at Western Sydney University, The College. Students enrolled in Extended Diplomas must pass 30 credit points from the preparatory subjects listed in the program structure prior to enrolling in this University level subject. Students enrolled in the combined Diploma/Bachelor programs listed below must pass all College Preparatory subjects listed in the program structure before progressing to the Year 2 subjects.

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

1. Workplace safety responsibilities
2. Causes of accidents
3. Risk management
4. WHS hazards and controls
5. WHS legal framework
6. Accident investigation
7. Economics and ethics of construction safety
8. Promoting safety: principles and strategies
1. Workplace safety responsibilities
2. Causes of accidents
3. Risk management

4. WHS hazards and controls
5. WHS legal framework
6. Accident investigation
7. Economics and ethics of construction safety
8. 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	1 hour	10	N	Individual	N
Quiz	1 hour	10	N	Individual	N
Case Study	2500 words (Excluding graphs and reference list)	30	N	Individual	N
Final Exam	2 hours and 20mins	50	N	Individual	N

Teaching Periods

Term 1 (2025)

Penrith (Kingswood)

On-site

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Term 3 (2025)

Penrith (Kingswood)

On-site

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