

BLDG 2003 BUILDING REGULATIONS STUDIES

Credit Points 10

Legacy Code 300885

Coordinator Payam Rahnamayiezekavat (<https://directory.westernsydney.edu.au/search/name/PayamRahnamayiezekavat/>)

Description This unit develops an awareness of the regulations used to control risk in buildings. Major sources of risk, such as fire and public health, are identified and controlled. Building regulations of high risk regions, such as cyclonic, seismic and bushfire-prone areas, are also discussed. The unit emphasises the safety of vulnerable occupants, such as young children, disabled people and the elderly. The unit also explores recent developments in the National Construction Code (NCC: formerly BCA) concerning energy efficiency.

School Eng, Design & Built Env

Discipline Building Construction Management

Student Contribution Band HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 2 subject

Equivalent Subjects BLDG 3002 - Building Regulation Studies BLDG 3003 - Building Regulation Studies

Learning Outcomes

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

1. Analyse the principles of performance-based building regulations
2. Apply the deemed-to-satisfy (DTS) provisions of the Building Code of Australia
3. Relate building regulations to a high risk location

Subject Content

Format of the National Construction Code (NCC: formerly BCA)

Fire Dynamics

Building Classifications

Passive fire control

Fire egress

Active fire-fighting services and equipment

Building in bushfire-prone zones

Building in seismic and cyclonic zones

Safe movement and access

Health and amenity

Energy efficiency

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.

| Item | Length | Percent | Threshold | Individual/ Group Task |
|-------------------|--------------------------|---------|-----------|---------------------------|
| Energy Efficiency | Equivalent to 1500 words | 20 | N | Individual |

| | | | | |
|---------------------------------------|--------------------------|----|---|------------|
| Fire Safety | 1500 words | 20 | N | Individual |
| Online Examination | Equivalent to 2000 words | 30 | N | Individual |
| BCA Compliance Assessment and Testing | 3000 words | 30 | N | Group |

Teaching Periods

Summer A

Parramatta - Victoria Rd

Day

Subject Contact Payam Rahnamayiezekavat (<https://directory.westernsydney.edu.au/search/name/PayamRahnamayiezekavat/>)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG2003_22-SUA_PS_D#subjects)

Spring

Penrith (Kingswood)

Evening

Subject Contact Payam Rahnamayiezekavat (<https://directory.westernsydney.edu.au/search/name/PayamRahnamayiezekavat/>)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG2003_22-SPR_KW_E#subjects)

Parramatta - Victoria Rd

Evening

Subject Contact Payam Rahnamayiezekavat (<https://directory.westernsydney.edu.au/search/name/PayamRahnamayiezekavat/>)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG2003_22-SPR_PS_E#subjects)