BLDG 7007 INTERPRETING BUILDING REGULATIONS (RESIDENTIAL BUILDINGS)

Credit Points 10

Legacy Code 301103

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

Description The basis of this subject is to ensure students become accustomed to reading and interpreting laws that specifically relate to building legislation. The subject provides students with an introduction to and sound working knowledge of the prescriptive provisions of the National Construction Code (BCA) Volume 1 & 2, associated Standards, codes and statutory interpretation as it applies to residential buildings. This subject will develop a sound knowledge of the National Construction Code (BCA) - Volume 2 and an introduction to rise in storeys, types of construction and the fire requirement for building elements in the National Construction Code (BCA) Vol. 1, Building Profession Act 2005 and other associated legislation. Residential building work includes work under the Home Building Act 1989, which involves the construction of a dwelling, and alterations or additions to a dwelling. It also will relate to repairing, renovating, decorating or applying protective treatment to a dwelling. The subject applies to residential buildings and associated structures and includes the evaluation and interpretation of performance requirements, classification of buildings according to National Construction Code (BCA) criteria, limitations of the referenced documents (National Construction Code (BCA) - Volume 2) and strategies for compliance. Students will need to relate the objectives of the National Construction Code (BCA) and the purpose of its respective provisions in relation to construction of residential buildings and the evaluation of associated documentation.

School Eng, Design & Built Env

Discipline Building Surveying

Student Contribution Band HECS Band 2 10cp

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

Level Postgraduate Coursework Level 7 subject

Restrictions

Students must be enrolled in the Master of Building Surveying, Graduate Diploma in Building Surveying, Graduate Certificate in Building Surveying, Master of Bushfire Protection, Graduate Diploma in Bushfire Protection, Graduate Certificate in Bushfire Protection, Master of Project Management, Graduate Diploma in Project Management or Master of Architecture (Urban Transformation), Master of Construction Law.

Learning Outcomes

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

1. Define the rules of interpretation as they apply to residential buildings.
2. Identify and apply ⁄edeemed to satisfy⁄f (DTS) provisions in the National Construction Code (BCA) applicable to residential buildings.
3. Determine and define classification of buildings and the interpretation for multiple classifications within a building.
4. Analyse building solutions to ensure compliance with performance requirements and DTS provisions of National Construction Code (BCA).
5. Interpret relevant Standards adopted by building regulation and the limitations of their interpretation..
6. Interpret construction methods to comply with the intent of the National Construction Code (BCA).

Subject Content

Interpretation to residential buildings
National Construction Code (BCA) objectives and deemed to satisfy (DTS) provisions
Alternative National Construction Code (BCA) solutions
Regulative requirements to residential buildings
Alternative performance solutions or DTS provisions of National Construction Code (BCA)
Australian Standards and legislation
Compliance with the National Construction Code (BCA) and associated Australian Standards

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	2 Hours	20	Y	Individual
Case Study	2000 words each – 20% each	40	Y	Individual
Essay	2 Hours	40	Y	Individual

Teaching Periods

Autumn (2024)

Online

Online

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

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG7007_24-AUT_ON_2#subjects)

Parramatta City - Macquarie St

Hybrid

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