

BLDG 3006 CONSTRUCTION IN PRACTICE 1

Credit Points 10

Legacy Code 300886

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Description This subject is designed to allow the student to gain experience with the complexity of the construction industry by integrating knowledge from earlier subjects. The subject involves group work on construction planning and management, regulatory control and client liaison required for initiating and completing a residential construction project.

School Eng, Design & Built Env

Discipline Construction Engineering

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 3 subject

Pre-requisite(s) BLDG 1001 AND ARCH 1001 AND BLDG 1005

Equivalent Subjects BLDG 2008 - Construction in Practice 1

Assumed Knowledge

Local Government planning requirements, residential construction details, quantity surveying, contract documentation, site planning.

Learning Outcomes

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

1. Work cooperatively in small groups
2. Report and present construction project information in a businesslike and professional manner in meetings with a project client/developer
3. Synthesise knowledge gained from previous units for application in a medium sized residential building project
4. Fully document a residential construction project including producing working drawings, specifications and details
5. Generate estimates and schedules for a medium sized residential building project
6. Research and evaluate data on market forces that influence the successful delivery of residential construction projects
7. Analyse the requirements for construction site safety programs on residential building projects
8. Outline a system for ensuring quality on residential building projects

Subject Content

Planning issues in connection with housing development
Sustainable design
Costing
Bills of quantities
Construction management

Building law
Construction technology
Procurement
Contract administration

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
Report	Five fortnightly group meetings of twenty minutes duration as scheduled - group	30	N	Group
Applied Project	2000 word report	20	N	Individual
Applied Project	Written and graphics - full project documentation with specified individual contributions	30	N	Individual
Final project presentation (seminar style)	30 min group presentation, individually marked	20	N	Individual

Teaching Periods