

BLDG 3010 BUILDING COST STUDIES

Credit Points 10

Legacy Code 301234

Coordinator Jun Wang ([https://directory.westernsydney.edu.au/search/name/Jun Wang/](https://directory.westernsydney.edu.au/search/name/Jun%20Wang/))

Description This Subject provides students with advanced quantity surveying techniques for the evaluation of construction costs in the construction management and built environment context. Students learn to perform various cost studies, consider sustainability issues and make whole life cost choices that contribute to cost effective construction projects. The tools and techniques students learn are essential in dealing with increasing complexity in the industry.

School Eng, Design & Built Env

Discipline Building Construction Economics

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

Assumed Knowledge

Building construction including residential, light industrial and small commercial, basic building measurement and estimating.

Learning Outcomes

1. Evaluate cost management and control process
2. Examine various cost modelling techniques
3. Analyse cost information and perform cost analysis
4. Analyse feasibility of project
5. Make informed decisions based on whole-life cost and sustainable considerations

Subject Content

1. Overview of cost management and control process
2. Feasibility studies
3. Cost benefit analysis
4. Cost modelling
5. Cost information and cost analysis
6. Whole-life costing
7. Economics of sustainability

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	1 Hour	30	N	Individual
Professional Task	1 500 words	30	N	Individual
Report	1 500 words	40	N	Individual

Teaching Periods

Autumn (2022)

Penrith (Kingswood)

Day

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View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG3010_22-AUT_KW_D#subjects)

Parramatta - Victoria Rd

Day

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Autumn (2023)

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On-site

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