

BLDG 2001 BUILDING ESTIMATES AND TENDERING

Credit Points 10

Legacy Code 301207

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

Description This subject will provide students with an understanding of the principles of design economics and the factors that affect the cost of buildings. Students will learn cost planning process and will be introduced to a range of estimating techniques that could be used at various stages of a building project. A particular focus would be to understand the tendering process and how to prepare detailed estimates using unit rate method.

School Eng, Design & Built Env

Discipline Building Surveying

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 2010 - Estimating 1

Learning Outcomes

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

1. Discuss various factors that affect building costs and estimating accuracy.
2. Prepare preliminary estimates at early stages of a building project
3. Evaluate elemental cost plans and approximate quantities.
4. Prepare detailed building estimates for tender submission using pricing principles.
5. Use standard computer programs for estimating.

Subject Content

Factors affecting building costs and estimating accuracy.

Cost planning process

Preliminary estimating techniques

Elemental cost planning

Approximate quantities and Detailed Estimates

From an estimate to tender

Tendering process

Pricing principles: all-in rates, unit rate pricing and pricing preliminaries

Computer estimating software

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	2,000 words	30	N	Individual
Professional Task	2,000 words	30	N	Individual
Final Exam	2 hour	40	N	Individual

Teaching Periods

Spring (2022)

Penrith (Kingswood)

Day

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View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG2001_22-SPR_KW_D#subjects)

Parramatta - Victoria Rd

Day

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Spring (2023)

Penrith (Kingswood)

On-site

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Parramatta - Victoria Rd

On-site

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