

# 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 fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/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/<br>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 (2024)

### Penrith (Kingswood)

**On-site**

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

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=BLDG3010\\_24-AUT\\_KW\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG3010_24-AUT_KW_1#subjects))

### Parramatta - Victoria Rd

**On-site**

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

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=BLDG3010\\_24-AUT\\_PS\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG3010_24-AUT_PS_1#subjects))