

BLDG 2002 BUILDING MEASUREMENT

Credit Points 10

Legacy Code 301208

Coordinator Krisanthi Seneviratne (<https://directory.westernsydney.edu.au/search/name/Krisanthi Seneviratne/>)

Description This subject is designed to develop the techniques required to measure, quantify and prepare bills of quantities for residential construction using standard method of building measurements. It will help students to appreciate basic role of a quantity surveyor.

School Eng, Design & Built Env

Discipline Construction Engineering

Student Contribution Band HECS Band 2 10cp

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

Level Undergraduate Level 2 subject

Equivalent Subjects GEOM 2001 - Quantity Surveying 1

Assumed Knowledge

Building construction including residential, light industrial and small commercial.

Learning Outcomes

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

1. Identify the role of a quantity surveyor and the bills of quantities
2. Recognise the use of the ASMM in measuring and preparing Bills of Quantities.
3. Measure quantities of simple structures in accordance with the Australian Standard Method of Measurement of Building works (ASMM).
4. Utilise commercially available software for the production of Bills of Quantities.

Subject Content

1. Role of a Quantity Surveyor
2. Use the ASMM to prepare Bills of Quantities
3. Introduction to the Australian Standard Method of Measurement of Building Works (ASMM)
4. Measurement of common building trades such as groundworks, concrete, formwork, reinforcement, finishes, masonry and woodwork.
5. Preparation of bills of quantities for simple structures

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	30 minutes	20	N	Individual
Professional Task	Approximately 7 pages	40	N	Individual
Final Exam	2 hours	40	N	Individual

Prescribed Texts

- The Australian Institute of Quantity Surveyors (AIQS), New Zealand Institute of Quantity Surveyors (NZIQS), Master Builders Australia & Registered Master Builders Association of New Zealand 2018, Australian and NZ Standard Method of Measurement of Building Works (ANZSMM) 2018, Australian Institute of Quantity Surveyors, New Zealand Institute of Quantity Surveyors and Master Builders Australia Limited, Sydney.

Teaching Periods

Autumn (2024)

Penrith (Kingswood)

On-site

Subject Contact Sepani Senaratne (<https://directory.westernsydney.edu.au/search/name/Sepani Senaratne/>)

[View timetable](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG2002_24-AUT_KW_1#subjects) (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG2002_24-AUT_KW_1#subjects)

Parramatta - Victoria Rd

On-site

Subject Contact Krisanthi Seneviratne (<https://directory.westernsydney.edu.au/search/name/Krisanthi Seneviratne/>)

[View timetable](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG2002_24-AUT_PS_1#subjects) (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG2002_24-AUT_PS_1#subjects)