



UNSW
SYDNEY

Australia's
Global
University

Built Environment

BLDG1014
Building Measurement



Course Outline – Term 2, 2020

Disclaimer

Information within this document is subject to change. The full and most accurate course outline will be available in Moodle closer to the start of the term in which the course is offered.

1. COURSE STAFF

Course Contact	Bee Lan Oo
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2. COURSE DETAILS

Credit Points	6 units of credit (uoc)
Workload	Approx. 150 hours including class contact hours, weekly individual and group online learning activities, readings, class preparation, and assessment activities.
Teaching Times and Location	Find details in timetable http://www.timetable.unsw.edu.au

Description

This course introduces the "Why, What and How" of construction building measurement. The course contents are separated into two parts. For the 1st half of the teaching term (Week 1-5), the focus is on basic residential building measurement, and the focus of the 2nd half of the term (Week 6-10) is on advanced building measurement. The teaching and learning activities in this course involve students using CostX software on their measurement tasks. Students are required to work in a team environment to complete their group assignment that includes a follow-up individual online quiz.

Aims

Focussing on the "Why, What and How" of construction building measurement, this course aims to:

- Demonstrate the importance of building measurement in construction project management, and
- Equip students with the basic skills to complete building measurement tasks.

Course Learning Outcomes (CLOs)

At the successful completion of this course, you will be able to:

1. Discuss the basic construction processes and the essential building components.
2. Interpret construction drawings of commercial scale building projects.
3. Develop quantity take-offs from architectural and structural drawings.
4. Apply computer software skills to complete a measurement task for a typical building project.

3. ASSESSMENT

Assessment task	Weight	CLOs Assessed
1. Assessment 1 - In-class Tutorial Quizzes	5%	1, 2
2. Assessment 2 - Online Quizzes	15%	1, 2
3. Assessment 3 - Group Assignment - Prepare BoQ using CostX	30%	2, 3, 4
Assessment 4 - Final Exam	50%	1, 2, 3

4. COURSE IMPROVEMENT AND FEEDBACK

Feedback from students is an integral part of improving courses and teaching approaches. One of the primary mechanisms of feedback is myExperience, which we strongly urge all students to complete at the end of term. Course convenors use the feedback to make ongoing improvements to the course. This is communicated in Moodle in the myFeedback Matters page.