

CIVL 4016 ENVELOPE AND SERVICES

Credit Points 10

Legacy Code 301222

Coordinator Keivan Bamdad Masouleh ([https://directory.westernsydney.edu.au/search/name/Keivan Bamdad Masouleh/](https://directory.westernsydney.edu.au/search/name/Keivan+Bamdad+Masouleh/))

Description The building envelope and its inter-relationship with building services are critical to the successful functioning of our modern built environment. In this subject students will learn how to minimise operational energy requirements by making good choices in terms of materials and systems which focus on end-user needs. Measurement of building performance and continuous improvement is addressed alongside compliance with building codes and relevant Australian standards.

School Eng, Design & Built Env

Discipline Building Services 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 4 subject

Equivalent Subjects CIVL 4003 Construction Technology 5 (Envelope) CIVL 4004 Construction Technology 6 (Services)

Assumed Knowledge

Detailed knowledge of construction technology applicable to high rise buildings.

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	Mandatory
Quiz	60 minutes	20	N	Individual	N
Applied Project	Equivalent of 1000 words each student	30	N	Group	N
Report	2000 words	50	N	Individual	N

Teaching Periods

Spring (2024) Penrith (Kingswood)

On-site

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View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=CIVL4016_24-SPR_KW_1#subjects)

Parramatta - Victoria Rd

On-site

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Summer (2024)

Online

Online

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View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=CIVL4016_24-SUM_ON_2#subjects)

Spring (2025) Penrith (Kingswood)

Hybrid

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View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=CIVL4016_25-SPR_KW_3#subjects)

Parramatta - Victoria Rd

Hybrid

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