BLDG 1017 NON-RESIDENTIAL BUILDING (WSTC)

Credit Points 10

Legacy Code 700305

Coordinator Robert Paluzzano (https://directory.westernsydney.edu.au/search/name/Robert Paluzzano/)

Description This subject provides students with an introduction to the design, classification, applicable Australian Standards, structural systems, construction techniques, materials handling systems, building services, fit-out and finishes for larger scale buildings. The subject focusses on non-residential building projects such as shopping centres, factories, warehouses, office buildings and associated facilities.

School Eng, Design & Built Env

Discipline Building Science and Technology

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 1 subject

Equivalent Subjects BLDG 1004 - Building 2 BLDG 1006 - Building 2 (WSTC) BLDG 1005 - Building 2 BLDG 1014 - Non-Residential Building

Restrictions

Students must be enrolled at The College. Students in Extended Diploma programs must pass 40 CPs of preparatory subjects in order to enrol in this subject. Students in Integrated Diploma programs must pass or be enrolled in the preparatory subjects in order to enrol in this subject.

Learning Outcomes

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

1. interpret pertinent building regulations;
2. analyse and describe construction techniques;
3. analyse and describe materials handling requirements;
4. assess preliminary cost and scheduling requirements for a project;
5. use scale models to describe project solutions.

Subject Content

Players in the construction process
Construction as a system
Regulations
Site investigation
Preliminaries
Demolition
Civil works
Substructure
Reinforced concrete construction
Steel construction
Materials handling
Cladding systems
Portal framing and tilt-slab
Examination of the design
Fit-out and finishes for larger scale buildings
Services coordination
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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
Reflection	1000 words	10	N	Individual
Report	3000 words	40	N	Group
Presentation	5 minutes, project presentation	10	N	Individual
Final Exam	2 hours	40	N	Individual

Teaching Periods

Term 1 (2022)
Penrith (Kingswood)
Day
Subject Contact Robert Paluzzano (https://directory.westernsydney.edu.au/search/name/Robert Paluzzano/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG1017_22-T1_KW_D#subjects)

Term 3 (2022)
Penrith (Kingswood)
Day
Subject Contact Robert Paluzzano (https://directory.westernsydney.edu.au/search/name/Robert Paluzzano/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BLDG1017_22-T3_KW_D#subjects)

Term 1 (2023)
Penrith (Kingswood)
On-site
Subject Contact Robert Paluzzano (https://directory.westernsydney.edu.au/search/name/Robert Paluzzano/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=BLDG1017_23-T1_KW_1#subjects)

Term 3 (2023)
Penrith (Kingswood)
On-site
Subject Contact Robert Paluzzano (https://directory.westernsydney.edu.au/search/name/Robert Paluzzano/)

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