

BLDG 4005 MAJOR PROJECT IN CONSTRUCTION

Credit Points 10

Legacy Code 300536

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Description This subject will enhance the ability of students to investigate a selected topic with a construction industry focus and involves preparation of a literature review. Content includes mechanics of a literature review, use of research (or strategic planning) in the construction industry, development of high-value competencies in terms of marketing, organisational structure and project management.

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 4 subject

Pre-requisite(s) Successful completion of 200 credit points for students in 2607 Bachelor of Construction Management and 3697 Bachelor of Construction Management Studies (exit only)
Successful completion of 130 credit points for students enrolled in Bachelor of Construction Management Studies/Bachelor of Laws

Equivalent Subjects LGYB 5398 - Major Project 1

Restrictions Successful completion of 200 credit points.

Assumed Knowledge

This is a research subject designed to be taken during the final year of the Bachelor of Construction Management standard program. Students should have a comprehensive knowledge of problem solving research in the construction industry.

Learning Outcomes

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

1. Justify the role of research and strategic planning in the construction industry.
2. Plan and implement a practical research project in construction.
3. Critically analyse the existing body of knowledge in a defined area of this discipline.
4. Communicate their research ideas and plans through written forms of presentation.

Subject Content

Specific content will vary depending on the nature of the project and the research methodology adopted. However, some generic content may include:

- research topic selection and definition,
- literature review,
- critique,
- summarising,
- research methodology,
- research planning,
- research and analytical techniques, and

- technical/professional writing.

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 |
|----------|-------------|---------|-----------|---------------------------|-----------|
| Proposal | 1 page | 15 | N | Individual | N |
| Report | 1,000 words | 25 | N | Individual | N |
| Report | 5,000 words | 60 | N | Individual | N |