

# CIVL 4005 CONSTRUCTION IN PRACTICE 3

**Credit Points** 10

**Legacy Code** 200484

**Coordinator** John Smolders ([https://directory.westernsydney.edu.au/search/name/John Smolders/](https://directory.westernsydney.edu.au/search/name/John%20Smolders/))

**Description** This unit enables students to integrate and develop knowledge gained earlier in the course allowing them to simulate industry practice. Students are given a brief to undertake large and complex construction projects (eg. high rise buildings, airport construction, or sports stadium construction). They then take account of regulatory control, financial limitations, and stakeholder impacts whilst managing a team and being flexible and responsive to changing demands.

**School** Eng, Design & Built Env

**Discipline** Construction Engineering

**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/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 4 subject

**Co-requisite(s)** Students in 2607 Bachelor of Construction Management must enrol in BLDG 4012 Industry Based Learning before enrolling in this unit

**Equivalent Subjects** LGYB 5402 - Building in Practice 3

**Restrictions** Successful completion of 200 credit points.

## Learning Outcomes

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

1. Demonstrate the acquisition and synthesis of a wide range of skills and knowledge from their previous years of study in the undertaking of a complex building project, including (but not limited to): a. feasibility studies and site utilisation b. Impact assessment issues c. analysis of market influences with regard to leasing/sale of buildings d. planning and building control legislation including heritage requirements and conservation issues e. cost & contract planning f. project management and contract administration g. the role of consultants and other members of the construction team h. specification writing, and i. tendering procedures
2. Plan, manage and report on a complex team-based construction project,
3. Reflect upon their team performance.

## Subject Content

- feasibility studies and site utilisation,
- impact assessment Issues
- analysis of market influences with regard to leasing/sale of buildings,
- planning and Building control Legislation including heritage requirements and conservation Issues
- cost & contract planning,
- project management and contract administration,
- The role of consultants and other members of The construction team
- specification writing, and
- tendering procedures

## 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.

Item	Length	Percent	Threshold	Individual/ Group Task
Two seminar presentations	Not specified	40	N	Group
Final Report	5000 words	30	N	Group
Reflective diary	2000 words	30	N	Individual

Teaching Periods