



# BLAR12057 Commercial Construction

## Term 2 - 2017

Profile information current as at 15/05/2024 02:52 am

All details in this unit profile for BLAR12057 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

### General Information

#### Overview

This unit will introduce you to the procedures, principles and methods of construction used for commercial projects up to multistory buildings and designated by the National Construction Code (NCC) as being within Building Class 2 to 9. You should have completed an introductory construction unit to ensure adequate level of entry knowledge. Students who have successfully completed BLAR11048 should not enrol in this unit.

#### Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

#### Pre-requisites or Co-requisites

Pre-requisite: BLAR11050 Residential Construction or BLCN11033 Construction 1.

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

#### Offerings For Term 2 - 2017

- Distance

#### Attendance Requirements

All on-campus students are expected to attend scheduled classes - in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

#### Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

## Class and Assessment Overview

### Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

### Class Timetable

#### [Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

#### [Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

### Assessment Overview

#### 1. **Written Assessment**

Weighting: 30%

#### 2. **Written Assessment**

Weighting: 30%

#### 3. **Written Assessment**

Weighting: 30%

#### 4. **Online Quiz(zes)**

Weighting: 10%

### Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

## CQUniversity Policies

**All University policies are available on the [CQUniversity Policy site](#).**

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

## Previous Student Feedback

### Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

#### Feedback from Unit evaluation

##### Feedback

Lecturer: Lecturer has been very professional and understanding throughout the course. Lecturer attended the forums and replied to questions in a timely manner.

##### Recommendation

Would like to continue the same level of service in the next offer too.

#### Feedback from Unit evaluation

##### Feedback

Content and assessments: The assignments were thoughtful and facilitated learning without being onerous, boring or repetitive. The best aspect about this course is it prepares you for the real world; expanded our knowledge about aspects of construction

##### Recommendation

Through feedback, it was noted that the course content was relevant and interesting and the assessment items made students to learn about their environment.

## Unit Learning Outcomes

### On successful completion of this unit, you will be able to:

1. Describe the functions, materials and details of the major components. the waste management strategies used and the regulatory inspections made when constructing a commercial project.
2. Describe the temporary works, particularly scaffolding, formwork and falsework and plant selection processes used for commercial construction.
3. Using codes and standards, assess construction documentation for constructability and fault detection.
4. Explain acoustic, fire, health and safety requirements for commercial projects.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Written Assessment - 30%	•	•		
2 - Written Assessment - 30%	•		•	
3 - Written Assessment - 30%	•			•
4 - Online Quiz(zes) - 10%	•	•	•	•

## Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
1 - Communication	•	•	•	•
2 - Problem Solving	•	•	•	•
3 - Critical Thinking			•	
4 - Information Literacy	•	•	•	•
5 - Team Work		•		•
6 - Information Technology Competence	•	•		•
7 - Cross Cultural Competence				
8 - Ethical practice	•			•
9 - Social Innovation				
10 - Aboriginal and Torres Strait Islander Cultures				

## Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Written Assessment - 30%	•	•		•		•		•		
2 - Written Assessment - 30%	•	•		•	•	•				
3 - Written Assessment - 30%	•	•	•	•		•				
4 - Online Quiz(zes) - 10%	•	•	•	•	•	•		•		

## Textbooks and Resources

### Textbooks

BLAR12057

#### Prescribed

##### **Construction methods and planning**

Edition: 2nd (2000)

Authors: Illingworth, JR

Spon Press

UK

Binding: Paperback

BLAR12057

#### Prescribed

##### **Mitchell's building series: Structure and fabric Part 2**

Edition: 7th (2007)

Authors: Foster, JS & Greeno, J

Longmans (Scientific and Technical)

London , UK

Binding: Paperback

[View textbooks at the CQUniversity Bookshop](#)

### IT Resources

**You will need access to the following IT resources:**

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

## Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Stephanie Flowers** Unit Coordinator

[s.flowers@cqu.edu.au](mailto:s.flowers@cqu.edu.au)

## Schedule

### Week 1 - 10 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 1: National Building Control Legislation	Please refer to the Moodle site for specific text book readings and additional unit information	

### Week 2 - 17 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 2: Project objectives, procurement strategies and construction improvement technology	Please refer to the Moodle site for specific text book readings and additional unit information	

### Week 3 - 24 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 2: Project objectives, procurement strategies and construction improvement technology	Please refer to the Moodle site for specific text book readings and additional unit information	

#### Week 4 - 31 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 3: Building construction systems	Please refer to the Moodle site for specific text book readings and additional unit information	

#### Week 5 - 07 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 3: Building construction systems	Please refer to the Moodle site for specific text book readings and additional unit information	<b>A1 Written Assessment</b> Due: Week 5 Tuesday (8 Aug 2017) 11:45 pm AEST

#### Vacation Week - 14 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
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#### Week 6 - 21 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 3: Building construction systems	Please refer to the Moodle site for specific text book readings and additional unit information	

#### Week 7 - 28 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 3: Building construction systems	Please refer to the Moodle site for specific text book readings and additional unit information	

#### Week 8 - 04 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 3: Building construction systems	Please refer to the Moodle site for specific text book readings and additional unit information	<b>A2 Written Assessment</b> Due: Week 8 Tuesday (5 Sept 2017) 11:45 pm AEST

#### Week 9 - 11 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 4: Project inspection procedures	Please refer to the Moodle site for specific text book readings and additional unit information	

#### Week 10 - 18 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 4: Project inspection procedures	Please refer to the Moodle site for specific text book readings and additional unit information	

#### Week 11 - 25 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 5: Temporary work	Please refer to the Moodle site for specific text book readings and additional unit information	

#### Week 12 - 02 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 5: Temporary work	Please refer to the Moodle site for specific text book readings and additional unit information	<b>A3 Written Assessment</b> Due: Week 12 Tuesday (3 Oct 2017) 11:45 pm AEST

**Review/Exam Week - 09 Oct 2017**

Module/Topic	Chapter	Events and Submissions/Topic
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**Exam Week - 16 Oct 2017**

Module/Topic	Chapter	Events and Submissions/Topic
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**A4 Online Quiz** Due: Exam Week  
Friday (20 Oct 2017) 11:45 pm AEST

## Assessment Tasks

### 1 A1 Written Assessment

**Assessment Type**

Written Assessment

**Task Description**

This assessment item relates to the stated unit learning outcomes 1, 3 and 4; with associated implications for learning outcome 3.

Assessment 1 will require you to show understanding of understanding of the BCA/NCC Volume 1 and key aspects related to compliant building works (Q1 & Q2).

A case study is provided (Q3) in which you are to demonstrate application of BCA/NCC Volume 1 to address matters of building classification, changes to building elements, fire controls and access and egress.

Question 1 - requires students to apply learning from Topic 1

Question 2 - requires students to apply learning from Topic 1

Question 3 - requires students to apply learning from Topic 1, 2 and 3

Further information regarding the assessment will be available on the unit Moodle site.

**Assessment Due Date**

Week 5 Tuesday (8 Aug 2017) 11:45 pm AEST

**Return Date to Students**

Week 7 Tuesday (29 Aug 2017)

**Weighting**

30%

**Minimum mark or grade**

Must achieve 35% minimum in all assessments and overall unit result of 50% to pass.

**Assessment Criteria**

The assessment will be assessed on the following criteria:

- Clarity and succinctness of expression.
- Adequate coverage of topics discussed.
- Use of supporting information where appropriate and associated references.
- Original thought.
- Overall presentation and the ability to communicate using correct spelling, grammar and punctuation.
- Where appropriate the use of graphs, illustrations and other diagrams that visually support the context of your submission.
- Demonstration of the core knowledge associated with this unit and appropriate application of this knowledge

**Referencing Style**

- [Harvard \(author-date\)](#)

**Submission**

Online

**Submission Instructions**

Please refer to the Moodle site for specific assessment submission criteria.

**Learning Outcomes Assessed**

- Describe the functions, materials and details of the major components. the waste management strategies used and the regulatory inspections made when constructing a commercial project.
- Describe the temporary works, particularly scaffolding, formwork and falsework and plant selection processes used for commercial construction.

## Graduate Attributes

- Communication
- Problem Solving
- Information Literacy
- Information Technology Competence
- Ethical practice

## 2 A2 Written Assessment

### Assessment Type

Written Assessment

### Task Description

This assessment item relates to the stated unit learning outcomes 1, 2, 3 and 4.

Assessment 2 will require you to research and answer a number of questions that explore important construction principles and concepts related to Class 2 to 9 buildings as defined by the Building Code of Australia (National Construction Code).

This is achieved by student selection of a real life case study and investigating its procurement, design and construction.

Question 1 - requires students to apply learning from Topic 2 & 4

Question 2 - requires students to apply learning from Topic 3 & 4

Question 3 - requires students to apply learning from Topic 1, 3, 4 & 5

Further information regarding the assessment will be available on the unit Moodle site.

### Assessment Due Date

Week 8 Tuesday (5 Sept 2017) 11:45 pm AEST

### Return Date to Students

Week 10 Wednesday (20 Sept 2017)

### Weighting

30%

### Minimum mark or grade

Must achieve 35% minimum in all assessments and overall unit result of 50% to pass.

### Assessment Criteria

The assessment will be assessed on the following criteria:

- Clarity and succinctness of expression.
- Adequate coverage of topics discussed.
- Use of supporting information where appropriate and associated references.
- Original thought.
- Overall presentation and the ability to communicate using correct spelling, grammar and punctuation.
- Where appropriate the use of graphs, illustrations and other diagrams that visually support the context of your submission.
- Demonstration of the core knowledge associated with this unit and appropriate application of this knowledge

### Referencing Style

- [Harvard \(author-date\)](#)

### Submission

Online

### Submission Instructions

Please refer to the Moodle site for specific assessment submission criteria.

### Learning Outcomes Assessed

- Describe the functions, materials and details of the major components. the waste management strategies used and the regulatory inspections made when constructing a commercial project.
- Using codes and standards, assess construction documentation for constructability and fault detection.

## Graduate Attributes

- Communication
- Problem Solving
- Information Literacy
- Team Work
- Information Technology Competence



## 3 A3 Written Assessment

### Assessment Type

Written Assessment

### Task Description

This assessment item relates to the stated unit learning outcomes 1, 2, 3 and 4.

Assessment 3 will require you to review the details of a recently completed commercial case study in Brisbane and answer a number of questions that explore important building code requirements, procurement strategies, construction principles and other concepts related to the development.

Question 1 – requires students to apply learning from Topic 2, 3 & 5

Question 2 – requires students to apply learning from Topic 1 & 3

Further information regarding the assessment will be available on the unit Moodle site.

### Assessment Due Date

Week 12 Tuesday (3 Oct 2017) 11:45 pm AEST

### Return Date to Students

25 Oct 2016

### Weighting

30%

### Minimum mark or grade

Must achieve 35% minimum in all assessments and overall unit result of 50% to pass.

### Assessment Criteria

The assessment will be assessed on the following criteria:

- Clarity and succinctness of expression.
- Adequate coverage of topics discussed.
- Use of supporting information where appropriate and associated references.
- Original thought.
- Overall presentation and the ability to communicate using correct spelling, grammar and punctuation.
- Where appropriate the use of graphs, illustrations and other diagrams that visually support the context of your submission.
- Demonstration of the core knowledge associated with this unit and appropriate application of this knowledge

### Referencing Style

- [Harvard \(author-date\)](#)

### Submission

Online

### Submission Instructions

Please refer to the Moodle site for specific assessment submission criteria.

### Learning Outcomes Assessed

- Describe the functions, materials and details of the major components. the waste management strategies used and the regulatory inspections made when constructing a commercial project.
- Explain acoustic, fire, health and safety requirements for commercial projects.

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence

## 4 A4 Online Quiz

### Assessment Type

Online Quiz(zes)

### Task Description

The quiz will details will be released at the end of week 8.

The quiz will run for 60 minutes and will cover all topics and unit content

The quiz will have 20 multiple choice questions.

The quiz will be open from Monday Week 10 to Friday of the Exam week.  
The quiz will allow one attempt only.  
The results of the quiz will be available on completion of the quiz.  
The correct answers will be available after the quiz has closed.  
Further information regarding the assessment will be available on the unit Moodle site.

**Number of Quizzes**

1

**Frequency of Quizzes**

Other

**Assessment Due Date**

Exam Week Friday (20 Oct 2017) 11:45 pm AEST

**Return Date to Students**

On completion of the quiz.

**Weighting**

10%

**Minimum mark or grade**

Must achieve 35% minimum in all assessments and overall unit result of 50% to pass.

**Assessment Criteria**

The assessment will assess overall unit content knowledge comprehension.  
Only correct answers will earn marks.

**Referencing Style**

- [Harvard \(author-date\)](#)

**Submission**

Online

**Submission Instructions**

Please refer to the Moodle site for specific assessment submission criteria.

**Learning Outcomes Assessed**

- Describe the functions, materials and details of the major components. the waste management strategies used and the regulatory inspections made when constructing a commercial project.
- Describe the temporary works, particularly scaffolding, formwork and falsework and plant selection processes used for commercial construction.
- Using codes and standards, assess construction documentation for constructability and fault detection.
- Explain acoustic, fire, health and safety requirements for commercial projects.

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Ethical practice

## Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

### What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

### Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

### Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

### What can you do to act with integrity?



#### Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



#### Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



#### Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem