



# BLAR12057 *Commercial Construction*

## Term 2 - 2021

Profile information current as at 09/12/2022 09:51 pm

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 - 2021

- Online

#### 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 'Have Your Say' Feedback

##### Feedback

Students felt that assessments were helpful in understanding the rationale behind components of the construction process. Some have suggested that assessments that allow for more interpretation may lead to increased engagement.

##### Recommendation

The assessments will continue to revolve around themes to promote and deepen understanding of building construction in the commercial realm.

#### Feedback from 'Have Your Say' Feedback

##### Feedback

Assessments that allow for more interpretation and discussion on the Moodle site would make the unit more engaging.

##### Recommendation

The assessment items will be modified to include forum posts that promote discussion and interpretation of study material.

## 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

#### Additional Textbook Information

Both eBook and paper versions can be purchased at the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code)

[View textbooks at the CQUniversity Bookshop](#)

### IT Resources

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

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Microsoft Office or equivalent software
- Webcam and microphone/headset

## 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 - 12 Jul 2021

Module/Topic	Chapter	Events and Submissions/Topic
Major Components of Commercial Buildings	Please refer to the Moodle site for specific text book readings and additional unit information	

### Week 2 - 19 Jul 2021

Module/Topic	Chapter	Events and Submissions/Topic
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## Commercial Projects - Procurement Drivers

Please refer to the Moodle site for  
specific text book readings and  
additional unit information

### Week 3 - 26 Jul 2021

Module/Topic	Chapter	Events and Submissions/Topic
Waste Management on Commercial Building Project Sites	Please refer to the Moodle site for specific text book readings and additional unit information	

### Week 4 - 02 Aug 2021

Module/Topic	Chapter	Events and Submissions/Topic
Commercial Buildings- Regulatory Inspections	Please refer to the Moodle site for specific text book readings and additional unit information	<b>A1 Written Assessment</b> Due: Week 4 Monday (2 Aug 2021) 11:45 pm AEST

### Week 5 - 09 Aug 2021

Module/Topic	Chapter	Events and Submissions/Topic
Commercial Buildings- Temporary Works	Please refer to the Moodle site for specific text book readings and additional unit information	

### Vacation Week - 16 Aug 2021

Module/Topic	Chapter	Events and Submissions/Topic
No scheduled study	Enjoy a short break or use the time to catch-up or work on an assessment.	

### Week 6 - 23 Aug 2021

Module/Topic	Chapter	Events and Submissions/Topic
Commercial Buildings- Building Regulation	Please refer to the Moodle site for specific text book readings and additional unit information	

### Week 7 - 30 Aug 2021

Module/Topic	Chapter	Events and Submissions/Topic
Commercial Buildings- Accessibility	Please refer to the Moodle site for specific text book readings and additional unit information	

### Week 8 - 06 Sep 2021

Module/Topic	Chapter	Events and Submissions/Topic
Commercial Buildings- Constructability and Fault Detection	Please refer to the Moodle site for specific text book readings and additional unit information	<b>A2 Written Assessment</b> Due: Week 8 Monday (6 Sept 2021) 11:45 pm AEST

### Week 9 - 13 Sep 2021

Module/Topic	Chapter	Events and Submissions/Topic
Commercial Buildings- Energy Efficiency	Please refer to the Moodle site for specific text book readings and additional unit information	

### Week 10 - 20 Sep 2021

Module/Topic	Chapter	Events and Submissions/Topic
Commercial Buildings- Fire Safety	Please refer to the Moodle site for specific text book readings and additional unit information	

### Week 11 - 27 Sep 2021

Module/Topic	Chapter	Events and Submissions/Topic

Commercial Buildings- Health and safety

Please refer to the Moodle site for specific text book readings and additional unit information

### Week 12 - 04 Oct 2021

#### Module/Topic

Commercial Buildings- Unauthorized Works

#### Chapter

Please refer to the Moodle site for specific text book readings and additional unit information

#### Events and Submissions/Topic

**A3 Written Assessment** Due: Week 12 Monday (4 Oct 2021) 11:45 pm AEST

### Review/Exam Week - 11 Oct 2021

#### Module/Topic

Review Period

#### Chapter

#### Events and Submissions/Topic

### Exam Week - 18 Oct 2021

#### Module/Topic

Relax - there is no examination

#### Chapter

#### Events and Submissions/Topic

## Assessment Tasks

### 1 A1 Written Assessment

#### Assessment Type

Written Assessment

#### Task Description

Assessment 1 will require you to demonstrate your understanding of Learning Outcomes 1 and 2 applied to a commercial project.

Your submission must be made via the assessment link in Moodle, by uploading your file following the on-screen instructions.

Further information will be available on the Moodle site.

#### Assessment Due Date

Week 4 Monday (2 Aug 2021) 11:45 pm AEST

#### Return Date to Students

Vacation Week Monday (16 Aug 2021)

#### Weighting

30%

#### 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

Submit a single PDF file via the Moodle portal.

#### 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**

Assessment 2 will require you to demonstrate your understanding of Learning Outcomes 1 and 3 applied to a commercial project.

Your submission must be made via the assessment link in Moodle, by uploading your file following the on-screen instructions.

Further information will be available on the Moodle site.

### **Assessment Due Date**

Week 8 Monday (6 Sept 2021) 11:45 pm AEST

Submit a single PDF file via the Moodle portal.

### **Return Date to Students**

Week 10 Monday (20 Sept 2021)

### **Weighting**

30%

### **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**

Submit a single PDF file via Moodle.

### **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

Assessment 3 will require you to demonstrate your understanding of Learning Outcomes 1 and 4 applied to a commercial project.

Your submission must be made via the assessment link in Moodle, by uploading your file following the on-screen instructions.

Further information will be available on the Moodle site.

### Assessment Due Date

Week 12 Monday (4 Oct 2021) 11:45 pm AEST

Submit a single PDF file via the Moodle portal.

### Return Date to Students

Exam Week Monday (18 Oct 2021)

### Weighting

30%

### Minimum mark or grade

13.5/30

### 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

Submit a single PDF file.

### 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, consisting of 20 multiple choice questions, will open on Tuesday Week 12.

The quiz has a 60 minutes duration and will cover the unit content.

This is a "one attempt only" quiz.

Further information will be available on the Moodle site.

*Please note:* Results for this assessment will be made available to students after the return date. Consequently, extension requests greater than the duration period from the due date to the return date will be denied except under exceptional circumstances.

**Number of Quizzes**

1

**Frequency of Quizzes**

Other

**Assessment Due Date****Return Date to Students**

Exam Week Monday (18 Oct 2021)

Immediately after the quiz due date and time expires

**Weighting**

10%

**Assessment Criteria**

- Demonstration of knowledge based on the unit topics.

**Referencing Style**

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

**Submission**

Online

**Submission Instructions**

Time limited, single attempt only quiz accessed via Moodle site

**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