



# BLAR11050 *Residential Construction*

## Term 1 - 2017

Profile information current as at 28/04/2024 10:50 am

All details in this unit profile for BLAR11050 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 residential buildings and other structures designated by the National Construction Code (NCC) as being within Building Class 1 or 10. Students who have successfully completed BLCN11033 should not enrol in this unit.

#### Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

#### Pre-requisites or Co-requisites

There are no requisites for this unit.

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 1 - 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 Course evaluation

##### Feedback

The experience given by the lecturer and the information provided.

##### Recommendation

Casual lecturers with demonstrated industry experience continue to teach courses that contain a practical emphasis.

##### Action

Casual lecturers will continue to be employed where appropriate to ensure students have access to authentic teaching and assessments.

## Unit Learning Outcomes

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

1. Describe the importance of the housing industry to a community and the prevailing regulations for Australian projects.
2. Explain the residential procurement process and the human roles required.
3. Describe the functions, materials and details of the major components, the waste management strategies used and the regulatory inspections made when constructing a residential project.
4. Prepare drawings and build a model for a residential project.
5. Describe the temporary works, particularly scaffolding, formwork and falsework and plant selection processes used for residential construction.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Written Assessment - 30%	•	•			
2 - Written Assessment - 30%			•		•
3 - Written Assessment - 30%			•	•	
4 - Online Quiz(zes) - 10%	•	•	•	•	•

### Alignment of Graduate Attributes to Learning Outcomes

## Alignment of Assessment Tasks to Graduate Attributes

[illegible]

## Textbooks and Resources

### Textbooks

BLAR11050

#### Prescribed

##### **Building Construction Handbook**

Edition: 10th edn (2014)

Authors: Chudley, R. and Greeno, R

Routledge

London , UK

ISBN: 9780415836388 (pbk) 978131578032 (ebk)

Binding: Paperback

BLAR11050

#### Prescribed

##### **Site Establishment, Formwork and Framing**

Edition: 3rd (2016)

Authors: Laws, A

Cengage

Melbourne , Victoria , Australia

ISBN: 9780170356152

Binding: Paperback

#### **Additional Textbook Information**

The prescribed textbook *Building Construction handbook* is available as an eBook option online via the CQUniversity library - <https://www.cqu.edu.au/student-life/library>

Site Establishment, Formwork and Framing (3<sup>rd</sup> edition) is part of a three volume series that also includes Basic Building and Construction Skills (5<sup>th</sup> edition) and Advanced Building and Joinery Skills (2<sup>nd</sup> edition) that will be prescribed text books in other units of study. Although Basic Building and Construction Skills (5<sup>th</sup> edition) and Advanced Building and Joinery Skills (2<sup>nd</sup> edition) are not prescribed text books for this unit, students are advised to contact the CQUniversity bookshop (07) 4930 9421 as a discount may be available for buying these text books as a pack, rather than individually.

[View textbooks at the CQUniversity Bookshop](#)

### IT Resources

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

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Computer headset (microphone speaker combo)
- Microsoft Office or equivalent software
- Web camera (webcam)

## Referencing Style

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

For further information, see the Assessment Tasks.

## Teaching Contacts

**Darryl O'Brien** Unit Coordinator

[d.obrien@cqu.edu.au](mailto:d.obrien@cqu.edu.au)

## Schedule

**Week 1 - 06 Mar 2017**

Module/Topic	Chapter	Events and Submissions/Topic
1. Introduction to design and construction of domestic buildings	Please refer to the Moodle site for specific text book readings and additional unit information	

**Week 2 - 13 Mar 2017**

Module/Topic	Chapter	Events and Submissions/Topic
1. Introduction to design and construction of domestic	Please refer to the Moodle site for specific text book readings and additional unit information	

**Week 3 - 20 Mar 2017**

Module/Topic	Chapter	Events and Submissions/Topic
2. The procurement process	Please refer to the Moodle site for specific text book readings and additional unit information	

**Week 4 - 27 Mar 2017**

Module/Topic	Chapter	Events and Submissions/Topic
3. Domestic building components	Please refer to the Moodle site for specific text book readings and additional unit information	<b>Assessment 1</b> Due: Week 4 Friday (31 Mar 2017) 11:45 pm AEST

**Week 5 - 03 Apr 2017**

Module/Topic	Chapter	Events and Submissions/Topic
3. Domestic building components	Please refer to the Moodle site for specific text book readings and additional unit information	

**Vacation Week - 10 Apr 2017**

Module/Topic	Chapter	Events and Submissions/Topic
There are no prescribed readings during vacation week.		

**Week 6 - 17 Apr 2017**

Module/Topic	Chapter	Events and Submissions/Topic
4. Temporary structures: scaffoldings, formwork, falsework	Please refer to the Moodle site for specific text book readings and additional unit information	

**Week 7 - 24 Apr 2017**

Module/Topic	Chapter	Events and Submissions/Topic
4. Temporary structures: scaffoldings, formwork, falsework	Please refer to the Moodle site for specific text book readings and additional unit information	

**Week 8 - 01 May 2017**

Module/Topic	Chapter	Events and Submissions/Topic
5. Construction plant	Please refer to the Moodle site for specific text book readings and additional unit information	

**Week 9 - 08 May 2017**

Module/Topic	Chapter	Events and Submissions/Topic
6. Waste minimisation	Please refer to the Moodle site for specific text book readings and additional unit information	

**Week 10 - 15 May 2017**

Module/Topic	Chapter	Events and Submissions/Topic
7. Residential construction drawings	Please refer to the Moodle site for specific text book readings and additional unit information	<b>Assessment 2</b> Due: Week 10 Friday (19 May 2017) 11:45 pm AEST

**Week 11 - 22 May 2017**

Module/Topic	Chapter	Events and Submissions/Topic
8. Inspection procedures	Please refer to the Moodle site for specific text book readings and additional unit information	

**Week 12 - 29 May 2017**

Module/Topic	Chapter	Events and Submissions/Topic
8. Inspection procedures	Please refer to the Moodle site for specific text book readings and additional unit information	

**Review/Exam Week - 05 Jun 2017**

Module/Topic	Chapter	Events and Submissions/Topic
		<b>Assessment 3</b> Due: Review/Exam Week Monday (5 June 2017) 11:45 pm AEST <b>Assessment 4</b> Due: Review/Exam Week Thursday (8 June 2017) 11:45 pm AEST

**Exam Week - 12 Jun 2017**

Module/Topic	Chapter	Events and Submissions/Topic
--------------	---------	------------------------------

## Assessment Tasks

### 1 Assessment 1

**Assessment Type**

Written Assessment

**Task Description**

Assessment 1 will require you to research and answer 3 questions that explore Australian residential regulations and procurement processes.

The task will require you to provide information surrounding:

1. the importance of the building and construction industry;
2. the process for seeking approval for a residential building; and
3. the construction sequence.

**Assessment Due Date**

Week 4 Friday (31 Mar 2017) 11:45 pm AEST

**Return Date to Students**

Vacation Week Friday (14 Apr 2017)

**Weighting**

30%

**Assessment Criteria**

Your assessment submission should be produced in an electronic format.

Before or on the nominated due date, upload your work following the on-screen instructions. Your submission will be processed through the similarity detection software, Turnitin. You may amend your work based on the detection report. You must ensure that the work is your own or has been correctly referenced to the appropriate author(s), according to the CQU requirements.

You will find further support material for this assessment on the unit Moodle site.

The assessment will be assessed on the following criteria:

- Show clarity and succinctness of expression.
- Adequate coverage of topics discussed.
- Use and reference correctly supporting information.
- Present original thoughts and opinions.
- Communicate using correct spelling, grammar and punctuation.
- Use graphs, illustrations and other graphics to visually support your submission.
- Explain the core knowledge associated with this unit and show appropriate application of this knowledge.

**Referencing Style**

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

**Submission**

Online

**Submission Instructions**

Via the Moodle Assessment portal, submit a single PDF file.

**Learning Outcomes Assessed**

- Describe the importance of the housing industry to a community and the prevailing regulations for Australian projects.
- Explain the residential procurement process and the human roles required.

**Graduate Attributes**

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

## 2 Assessment 2

**Assessment Type**

Written Assessment

**Task Description**

Assessment 2 will require you to research and answer 3 questions that explore detail building processes for residential construction.

The task will require you to provide information surrounding:

1. component assembly including labour, plant and equipment used for selected building elements;
2. using scaffolding, false work and formwork; and
3. plant selection and managing construction waste.

**Assessment Due Date**

Week 10 Friday (19 May 2017) 11:45 pm AEST

**Return Date to Students**

Week 12 Friday (2 June 2017)

**Weighting**

30%

**Assessment Criteria**

Your assessment submission should be produced in an electronic format.



Before or on the nominated due date, upload your work following the on-screen instructions. Your submission will be processed through the similarity detection software, Turnitin. You may amend your work based on the detection report. You must ensure that the work is your own or has been correctly referenced to the appropriate author(s), according to the CQU requirements.

You will find further support material for this assessment on the unit Moodle site.

The assessment will be assessed on the following criteria:

- Show clarity and succinctness of expression.
- Adequate coverage of topics discussed.
- Use and reference correctly supporting information.
- Present original thoughts and opinions.
- Communicate using correct spelling, grammar and punctuation.
- Use graphs, illustrations and other graphics to visually support your submission.
- Explain the core knowledge associated with this unit and show appropriate application of this knowledge.

### Referencing Style

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

### Submission

Online

### Submission Instructions

Via the Moodle Assessment portal, 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 residential project.
- Describe the temporary works, particularly scaffolding, formwork and falsework and plant selection processes used for residential construction.

### Graduate Attributes

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

## 3 Assessment 3

### Assessment Type

Written Assessment

### Task Description

Assessment 3 will require you to research and answer 2 questions that explore residential construction and documentation.

The task will require you to provide information surrounding:

1. drawings for building a house; and
2. using a model to convey construction elements.

### Assessment Due Date

Review/Exam Week Monday (5 June 2017) 11:45 pm AEST

### Return Date to Students

Friday 28/10/16

### Weighting

30%

### Assessment Criteria

Your assessment submission should be produced in an electronic format.

Before or on the nominated due date, upload your work following the on-screen instructions. Your submission will be processed through the similarity detection software, Turnitin. You may amend your work based on the detection report. You must ensure that the work is your own or has been correctly referenced to the appropriate author(s), according to the CQU requirements.

You will find further support material for this assessment on the unit Moodle site.

The assessment will be assessed on the following criteria:

- Show clarity and succinctness of expression.
- Adequate coverage of topics discussed.
- Use and reference correctly supporting information.
- Present original thoughts and opinions.
- Communicate using correct spelling, grammar and punctuation.
- Use graphs, illustrations and other graphics to visually support your submission.
- Explain the core knowledge associated with this unit and show appropriate application of this knowledge.

### Referencing Style

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

### Submission

Online

### Submission Instructions

Via the Moodle Assessment portal, 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 residential project.
- Prepare drawings and build a model for a residential project.

### Graduate Attributes

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

## 4 Assessment 4

### Assessment Type

Online Quiz(zes)

### Task Description

Assessment 4 requires you to answer multiple choice questions based on the topics presented during the term.

### Number of Quizzes

1

### Frequency of Quizzes

Other

### Assessment Due Date

Review/Exam Week Thursday (8 June 2017) 11:45 pm AEST

### Return Date to Students

Exam Week Friday (16 June 2017)

### Weighting

10%

### Minimum mark or grade

5/10

### Assessment Criteria

Note; in order to pass this **unit**, students are required to complete this quiz in a single attempt and achieve a minimum grade of 5/10.

### Referencing Style

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

### Submission

Online

### Submission Instructions

Quiz accessed via the Moodle portal

**Learning Outcomes Assessed**

- Describe the importance of the housing industry to a community and the prevailing regulations for Australian projects.
- Explain the residential procurement process and the human roles required.
- Describe the functions, materials and details of the major components. the waste management strategies used and the regulatory inspections made when constructing a residential project.
- Prepare drawings and build a model for a residential project.
- Describe the temporary works, particularly scaffolding, formwork and falsework and plant selection processes used for residential construction.

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural 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