



# BLAR11050 Residential Construction

## Term 1 - 2019

Profile information current as at 02/05/2024 05:35 pm

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 - 2019

- 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 Unit Evaluation survey

##### Feedback

Lectures are fantastic and full of in depth information regarding each topic. Students found the recorded lectures very helpful as were unable to attend the live lecture due to work and family commitments.

##### Recommendation

Lectures and tutorials were combined into live interactive sessions in order to ensure that students could actively engage with the lecturer as well as in a group discussion with the lecturer and fellow students in order to deepen understanding of the unit material. These sessions were recorded as videos for those who could not attend due to work or family commitments.

## 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

| Graduate Attributes                                 | Learning Outcomes |   |   |   |   |
|---|-------------------|---|---|---|---|
|   | 1                 | 2 | 3 | 4 | 5 |
| 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

[illegible]

## Textbooks and Resources

### Textbooks

BLAR11050

#### Prescribed

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

Edition: 11th (2016)

Authors: Chudley, R. Greeno, R.

Routledge

London , UK

ISBN: ISBN 9781138907096 (pbk) 978131578032 (ebk)

Binding: Paperback

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#### Prescribed

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

Edition: 3rd (2016)

Authors: Laws, A.

Cengage

Melbourne , Victoria , Australia

ISBN: 9780170356152

Binding: Other

#### **Additional Textbook Information**

Both books are available from the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code)

If you purchased the pack in BLAR11049, then you do not have to purchase Site Establishment, Formwork and Framing again.

[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 styles below:**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)
- [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 - 11 Mar 2019**

| 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 - 18 Mar 2019**

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

**Week 3 - 25 Mar 2019**

| 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 - 01 Apr 2019**

| 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 (5 Apr 2019) 11:45 pm AEST |

**Week 5 - 08 Apr 2019**

| 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 - 15 Apr 2019**

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

**Week 6 - 22 Apr 2019**

| 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 - 29 Apr 2019**

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

**Week 8 - 06 May 2019**

| 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 | <b>Assessment 2</b> Due: Week 8 Friday (10 May 2019) 11:45 pm AEST |

**Week 9 - 13 May 2019**

| Module/Topic                          | Chapter   | Events and Submissions/Topic   |
|---------------------------------------|---|--|
| 6. Residential construction drawings  | Please refer to the Moodle site for specific text book readings and additional unit information |  |
| <b>Week 10 - 20 May 2019</b>          |   |  |
| Module/Topic                          | Chapter   | Events and Submissions/Topic   |
| 7. Waste minimisation                 | Please refer to the Moodle site for specific text book readings and additional unit information |  |
| <b>Week 11 - 27 May 2019</b>          |   |  |
| 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 |  |
| <b>Week 12 - 03 Jun 2019</b>          |   |  |
| Module/Topic                          | Chapter   | Events and Submissions/Topic   |
| 8. Inspection procedures continued    | Please refer to the Moodle site for specific text book readings and additional unit information |  |
| <b>Review/Exam Week - 10 Jun 2019</b> |   |  |
| Module/Topic                          | Chapter   | Events and Submissions/Topic   |
| There are no set tasks this week      |   | <b>Assessment 3</b> Due: Review/Exam Week Friday (14 June 2019) 11:45 pm AEST<br><b>Assessment 4</b> Due: Review/Exam Week Friday (14 June 2019) 11:45 pm AEST |
| <b>Exam Week - 17 Jun 2019</b>        |   |  |
| Module/Topic                          | Chapter   | Events and Submissions/Topic   |
| There are no set tasks this week      |   |  |

## Assessment Tasks

### 1 Assessment 1

#### Assessment Type

Written Assessment

#### Task Description

Assessment 1 is a written work of approximately 2200 words that will require you to research and answer a range of 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 (5 Apr 2019) 11:45 pm AEST

It is recommended that your submissions in Moodle remain in draft form until you have viewed the Turnitin similarity report and made any necessary corrections to your referencing. Following this process you can make your final submission.

**Return Date to Students**

Week 6 Tuesday (23 Apr 2019)

**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**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)
- [Harvard \(author-date\)](#)

**Submission**

Online

**Submission Instructions**

Via the Moodle Assessment portal, submit a single PDF or MS Word 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 is a written task that will require you to research and answer a range of 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 8 Friday (10 May 2019) 11:45 pm AEST

It is recommended that your submissions in Moodle remain in draft form until you have viewed the Turnitin similarity report and made any necessary corrections to your referencing. Following this process you can make your final submission.



**Return Date to Students**

Week 10 Friday (24 May 2019)

**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**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)
- [Harvard \(author-date\)](#)

**Submission**

Online

**Submission Instructions**

Via the Moodle Assessment portal, submit a single PDF or MS Word 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 a range of 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 Friday (14 June 2019) 11:45 pm AEST

It is recommended that your submissions in Moodle remain in draft form until you have viewed the Turnitin similarity report and made any necessary corrections to your referencing. Following this process you can make your final submission.

**Return Date to Students**

Exam Week Friday (21 June 2019)

Friday 28/10/16

### **Weighting**

30%

### **Minimum mark or grade**

Students are required to achieve a minimum mark of 12/30 for this assessment task in order to pass the unit

### **Assessment Criteria**

Your assessment submission should be produced in an electronic format.

Important point: Students are required to achieve a minimum mark of 12/30 for this assessment task in order to pass the unit.

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**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)
- [Harvard \(author-date\)](#)

### **Submission**

Online

### **Submission Instructions**

Via the Moodle Assessment portal, submit a single PDF or MS Word 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 is a multiple-choice quiz, including the following assessment specific information:

- The quiz covers Topics 1-8 in your study guide
- The quiz will be open from Friday 7 June 2019
- The quiz will be closed 11.45pm AEST, Friday 14 June 2019
- The quiz can be attempted at any time during this period
- A maximum of 2 attempts allowed with 120 minutes provided for each attempt
- 20 short questions with multiple choice answers provided for each question, pick only 1 choice when answer each question. The questions are shuffled between attempts.
- You can click submit before the time limit (120 mins) ends
- The quiz will be closed at 11.145pm regardless of your progress, so attempt the quiz before 9.45pm (AEST)

Friday 14 June at the latest

- You can review your result after 11.45pm (AEST) 14 June 2019
- You must achieve a minimum grade of 50% to pass this assessment task and the unit overall.

Best of luck  
Robert

**Number of Quizzes**

1

**Frequency of Quizzes**

Other

**Assessment Due Date**

Review/Exam Week Friday (14 June 2019) 11:45 pm AEST

**Return Date to Students**

Exam Week Friday (21 June 2019)

**Weighting**

10%

**Minimum mark or grade**

10/20

**Assessment Criteria**

Note; students are required to complete this quiz and achieve a minimum grade of 50% (in addition to any other minimum mark or grade requirements noted for other unit assessment tasks and in accordance with the unit Assessment Grading criteria) in order to pass this unit. A maximum of two attempts will be permitted for the quiz, the highest grade achieved from either attempt will be your final mark for this task.

**Referencing Style**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)
- [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