



# BLAR11054 Construction Fundamentals 3

## (Carpentry)

### Term 2 - 2019

Profile information current as at 21/05/2024 12:03 pm

All details in this unit profile for BLAR11054 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

Construction Fundamentals 3 (Carpentry) will introduce you to the procedures, principles and methods of low-rise timber frame construction used for residential buildings and other structures classified by the National Construction Code (NCC) as Building Class 1 or 10. You will learn common terms used in residential low-rise timber frame construction. You will complete practical components on-campus that will provide you with the foundations of theory application in these constructions.

### 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 2 - 2019

- Mackay
- Rockhampton

### 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. **Portfolio**

Weighting: 100%

### 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 Lecturer reflection

##### **Feedback**

Consider lowering current course entry from op14/ sr68.

##### **Recommendation**

Reset entry level to op18/sr61.

## Unit Learning Outcomes

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

1. Formulate a satisfactory design response to the predicted forces acting on residential low-rise timber frame construction
2. Explain the common terms used in residential low-rise timber frame construction
3. Describe the construction process related to principal structural and non-structural elements for residential low-rise timber frame construction
4. Discuss the plant selection and processes used for residential low-rise timber frame construction
5. Demonstrate teamwork skills and collaboration to complete construction tasks.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes

 N/A Level	 Introductory Level	 Intermediate Level	 Graduate Level	 Professional Level	 Advanced Level
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### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Portfolio - 100%	•	•	•	•	•

### 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

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Portfolio - 100%	•	•	•		•			•		

## Textbooks and Resources

### Textbooks

BLAR11054

#### Prescribed

##### **Advanced Building and Joinery Skills**

2nd edition (2016)

Authors: Greg Cheetham

Cengage Learning Australia

Melbourne , Victoria , Australia

ISBN: 9780170357951

Binding: Spiral

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#### Prescribed

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

3rd edition (2016)

Authors: Adrian Laws

Cengage Learning Australia

Melbourne , Victoria , Australia

ISBN: 9780170356152

Binding: Spiral

#### Additional Textbook Information

**Advanced Building and Joinery Skills (2nd edition) and Site Establishment, Formwork and Framing (3rd edition) are part of the Building Skills series volume pack that may have been prescribed texts for other units of study. A discount may be available for buying these construction texts as a pack, rather than individually. Contact the CQUniversity bookshop (07) 4930 9421 for purchase. You can also order online 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)

## Referencing Style

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

For further information, see the Assessment Tasks.

## Teaching Contacts

**Peter F Lawrence (Engineering)** Unit Coordinator  
[p.lawrence1@cqu.edu.au](mailto:p.lawrence1@cqu.edu.au)

## Schedule

### Week 1 - 15 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
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Demolition of minor buildings	Refer to Moodle for further information.
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#### **Week 2 - 22 Jul 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Flooring	Refer to Moodle for further information.	

#### **Week 3 - 29 Jul 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Wall frames	Refer to Moodle for further information.	

#### **Week 4 - 05 Aug 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Wall frames	Refer to Moodle for further information.	

#### **Week 5 - 12 Aug 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Roof trusses	Refer to Moodle for further information.	

#### **Vacation Week - 19 Aug 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
No scheduled study	Use the time to catch-up or work on an assessment.	

#### **Week 6 - 26 Aug 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Eaves	Refer to Moodle for further information.	

#### **Week 7 - 02 Sep 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Windows and doors	Refer to Moodle for further information.	

#### **Week 8 - 09 Sep 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Windows and doors	Refer to Moodle for further information.	

#### **Week 9 - 16 Sep 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Wet areas	Refer to Moodle for further information.	

#### **Week 10 - 23 Sep 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Lining and panelling	Refer to Moodle for further information.	

#### **Week 11 - 30 Sep 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Exterior cladding	Refer to Moodle for further information.	

#### **Week 12 - 07 Oct 2019**

<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
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Plant selection

Refer to Moodle for further information.

#### Review/Exam Week - 14 Oct 2019

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

Revision - portfolio & VET projects

Refer to Moodle for further information.

**Portfolio** Due: Review/Exam Week Thursday (17 Oct 2019) 11:45 pm AEST

#### Exam Week - 21 Oct 2019

##### Module/Topic

##### Chapter

##### Events and Submissions/Topic

Relax - there is no examination.

## Term Specific Information

To pass this unit, you must achieve a satisfactory result for the term VET modules and an aggregate score of 50% or higher from the portfolio.

## Assessment Tasks

### 1 Portfolio

#### Assessment Type

Portfolio

#### Task Description

This portfolio represents a range of assessment tasks to demonstrate your understanding of the underpinning skills and knowledge for this unit. Tasks may include online quizzes, demonstration of practical skills and knowledge, topic specific research reports and reflective journaling. You will research and answer questions that explore demolition, building framing, lining, panelling and cladding.

Please note that formatting and presentation is important; technical accuracy and referencing, where required, is paramount to convey clearly your response.

Your submission must be done, via the assessment link in Moodle, by uploading your file, following the on-screen instructions. Your work will be processed through the similarity detection software, Turnitin. You may amend your work based on the detection report, prior to finalising the upload.

#### Assessment Due Date

Review/Exam Week Thursday (17 Oct 2019) 11:45 pm AEST

#### Return Date to Students

Friday 01/11/19

#### Weighting

100%

#### Assessment Criteria

The portfolio 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;

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

- Formulate a satisfactory design response to the predicted forces acting on residential low-rise timber frame construction
- Explain the common terms used in residential low-rise timber frame construction
- Describe the construction process related to principal structural and non-structural elements for residential low-rise timber frame construction
- Discuss the plant selection and processes used for residential low-rise timber frame construction
- Demonstrate teamwork skills and collaboration to complete construction tasks.

#### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Team Work
- 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