BLAR11050 *Residential Construction*
Term 1 - 2020

Profile information current as at 26/04/2024 07:54 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 - 2020

- 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

I believe that there needs to be more explanation for each assessment task. Considering this is an online subject I felt very confused and alone when I was reading the questions.

Recommendation

The unit lecturer will provide more direction with respect to assessment task requirements. It is noted that the lecturer provided live tutorial sessions, presenting an opportunity for students to engage directly and seek direction about assessment tasks.

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

— N/A Level | • Introductory Level | • Intermediate Level | • Graduate Level | ◦ Professional Level | ◦ Advanced Level

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

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

BLAR11050

Prescribed

Building Construction Handbook
Edition: 11th (2016)
Authors: Chudley, R. Greeno, R.
Routledge
London , UK
ISBN: ISBN 9781138907096 (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: Other

Additional Textbook Information
Copies 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)
- 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

Peter F Lawrence (Engineering) Unit Coordinator
p.lawrence1@cqu.edu.au

Schedule

Week 1 - 09 Mar 2020

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 - 16 Mar 2020

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

Week 3 - 23 Mar 2020

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 - 30 Mar 2020

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	**Assessment 1** Due: Week 4 Friday (3 Apr 2020) 11:45 pm AEST

Week 5 - 06 Apr 2020

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

Vacation Week - 13 Apr 2020

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

Week 6 - 20 Apr 2020

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 - 27 Apr 2020

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 - 04 May 2020

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	**Assessment 2** Due: Week 8 Friday (8 May 2020) 11:45 pm AEST

Week 9 - 11 May 2020

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	

Week 10 - 18 May 2020

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	

Week 11 - 25 May 2020

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 - 01 Jun 2020

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	

Review/Exam Week - 08 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic
There are no set tasks this week		**Assessment 3** Due: Review/Exam Week Friday (12 June 2020) 11:45 pm AEST **Assessment 4** Due: Review/Exam Week Friday (12 June 2020) 11:45 pm AEST

Exam Week - 15 Jun 2020

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 (3 Apr 2020) 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 Friday (24 Apr 2020)

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 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 (8 May 2020) 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 (22 May 2020)

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 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 (12 June 2020) 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

Friday 03/07/20

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

- 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 Week 12 Friday.
- The quiz will be close at 11.45pm AEST on Review/Exam Week Friday (1 week later).
- The quiz will be closed at 11.45pm regardless of your progress, so attempt the quiz before 9.45pm (AEST) at the latest.
- The quiz can be attempted at any time during this period.
- A maximum of 2 attempts allowed to answer the quiz with 120 minutes provided for each attempt.
- You can click submit before the time limit (120 mins) ends.
- The quiz will comprise 20 questions with multiple choice answers provided for each question; pick only 1 choice when answering each question.
- The questions are shuffled between attempts.
- You must achieve a minimum grade of 50% for this assessment task as a requisite towards an overall unit pass.

Number of Quizzes
1

Frequency of Quizzes
Other

Assessment Due Date
Review/Exam Week Friday (12 June 2020) 11:45 pm AEST

Return Date to Students
Exam Week Monday (15 June 2020)

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

- 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