BLAR13037 *Building Design 2*
Term 2 - 2024

Profile information current as at 13/07/2025 05:23 pm

General Information

Overview

This unit will provide you with an understanding of environmentally appropriate design and planning solutions used in new and refurbished multi-story residential and commercial buildings. You will learn about energy and resource efficiency, universal access, building fabric and services audits, and statutory, planning and heritage considerations. You will be required to establish a mentoring relationship with a professional building engineer. You should have completed previous introductory studies in building design to ensure an adequate level of entry.

Details

Career Level: *Undergraduate*
Unit Level: *Level 3*
Credit Points: *6*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites

Prereq: BLAR12036 or [BLAR14015 & BLAR13017]
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 - 2024

- 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. **Presentation and Written Assessment**
Weighting: 20%
2. **Presentation and Written Assessment**
Weighting: 40%
3. **Presentation and Written Assessment**
Weighting: 40%

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 Student Evaluations

Feedback

Students report that the lecturer shares up-to-date industry experience and real-world knowledge.

Recommendation

The unit lecturer is an industry professional who shares real world experience with the students. It is recommended that this lecturer continues to lecture this unit.

Feedback from Student Evaluations

Feedback

Students report that feedback provided by the lecturer on the draft designs and by other students on the assessment forums is very helpful in improving the design.

Recommendation

Feedback will continue to be offered on draft designs and the assessment forums will continue to be offered so that students are able to use feedback to identify issues and improve their designs.

Unit Learning Outcomes

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

1. Apply design principles to new and refurbished tall and complex buildings.
2. Explain design solutions within an environmental, social and community context.
3. Research and solve design and legislative issues for tall and complex buildings.
4. Discuss appropriate building fabrics, plant, equipment and services to deliver healthy, safe and structurally sound project outcomes.
5. Show skills in communicating and presenting design concepts and building solutions.

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 - Presentation and Written Assessment - 20%	●	●	●	●	●
2 - Presentation and Written Assessment - 40%	●	●	●	●	●
3 - Presentation and Written Assessment - 40%	●	●	●	●	●

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 - Presentation and Written Assessment - 20%	•	•	•	•	•	•		•		
2 - Presentation and Written Assessment - 40%	•	•	•	•	•	•		•		
3 - Presentation and Written Assessment - 40%	•	•	•	•	•	•		•		

Textbooks and Resources

Textbooks

There are no required textbooks.

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)
- ArchiStar is recommended (free access provided by CQU - contact the Unit Coordinator if you don't have access yet)

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

Schedule

Week 1 - 08 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
Legislation and Community I	Please refer to the Moodle site for specific readings and additional unit information	

Week 2 - 15 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
Legislation and Community II	Please refer to the Moodle site for specific readings and additional unit information	

Week 3 - 22 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
Pre-Design Planning	Please refer to the Moodle site for specific readings and additional unit information	

Week 4 - 29 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
The Design Team	Please refer to the Moodle site for specific readings and additional unit information	

Week 5 - 05 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
Environmental Considerations	Please refer to the Moodle site for specific readings and additional unit information	**Assessment 1** Due: Week 5 Wednesday (7 Aug 2024) 11:45 pm AEST

Vacation Week - 12 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
No scheduled study this week - enjoy your break!		

Week 6 - 19 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
Siting Issues and Design Concepts	Please refer to the Moodle site for specific readings and additional unit information	

Week 7 - 26 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic

Aesthetics	Please refer to the Moodle site for specific readings and additional unit information	Assessment 2 Presentation

Week 8 - 02 Sep 2024

Module/Topic	**Chapter**	**Events and Submissions/Topic**
Internal Planning and Services I	Please refer to the Moodle site for specific readings and additional unit information	

Week 9 - 09 Sep 2024

Module/Topic	**Chapter**	**Events and Submissions/Topic**
Internal Planning and Services II	Please refer to the Moodle site for specific readings and additional unit information	**Assessment 2** Due: Week 9 Wednesday (11 Sept 2024) 11:45 pm AEST

Week 10 - 16 Sep 2024

Module/Topic	**Chapter**	**Events and Submissions/Topic**
Building Structure and Facade	Please refer to the Moodle site for specific readings and additional unit information	

Week 11 - 23 Sep 2024

Module/Topic	**Chapter**	**Events and Submissions/Topic**
Developing the Design	Please refer to the Moodle site for specific readings and additional unit information	Assessment 3 Presentation

Week 12 - 30 Sep 2024

Module/Topic	**Chapter**	**Events and Submissions/Topic**
Maintenance and Refurbishment	Please refer to the Moodle site for specific readings and additional unit information	

Review/Exam Week - 07 Oct 2024

Module/Topic	**Chapter**	**Events and Submissions/Topic**
		Assessment 3 Due: Review/Exam Week Wednesday (9 Oct 2024) 11:45 pm AEST

Exam Week - 14 Oct 2024

Module/Topic	**Chapter**	**Events and Submissions/Topic**

Assessment Tasks

1 Assessment 1

Assessment Type
Presentation and Written Assessment

Task Description
This assessment relates to Unit Learning Outcomes 1 to 5. You will research and establish legislative requirements that relate to a high rise design project to formulate a project requirements brief and begin to consider apropriate design strategies to meet client, building code and town planning requirements.
Further information regarding the assessment will be available on the unit Moodle site.

Assessment Due Date
Week 5 Wednesday (7 Aug 2024) 11:45 pm AEST

Submission via Moodle portal.

Return Date to Students
Week 6 Wednesday (21 Aug 2024)

Students will be advised of any adverse circumstances that might delay this.

Weighting
20%

Assessment Criteria
Your assessment should be produced in 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 and that any cited work has been correctly referenced as per the CQU requirements. You will find further information and support material for this assessment within the unit Moodle site. You will need to explain the core knowledge associated with this unit and show appropriate application of that knowledge in your submission.
In your submission, you will need to ensure that:

- The project brief and report is well researched, effectively communicated and succinctly documented
- Legislative requirements are identified and appropriately interpreted as they apply to the project
- Site, community and environmental constraints and impacts are identified, analysed and responses to these impacts are proposed that will positively resolve these issues
- Images, tables and other graphics that visually support the submission are included
- All information is correctly referenced

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Submit into the Moodle Assessment portal.

Learning Outcomes Assessed

- Apply design principles to new and refurbished tall and complex buildings.
- Explain design solutions within an environmental, social and community context.
- Research and solve design and legislative issues for tall and complex buildings.
- Discuss appropriate building fabrics, plant, equipment and services to deliver healthy, safe and structurally sound project outcomes.
- Show skills in communicating and presenting design concepts and building solutions.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Ethical practice

2 Assessment 2

Assessment Type
Presentation and Written Assessment

Task Description
This assessment relates to Unit Learning Outcomes 1 to 5. You will use the project requirements brief from Assessment 1 and further develop this to forulate a project design brief and commence your preliminary design for the building to meet the brief requirements. You will present a draft of preliminary design to the lecturer for feedback as specified in the Assessment brief.
Further information regarding the assessment will be available on the unit Moodle site.

Assessment Due Date
Week 9 Wednesday (11 Sept 2024) 11:45 pm AEST

Submission via Moodle portal.

Return Date to Students
Week 11 Wednesday (25 Sept 2024)

Students will be advised of any adverse circumstances that might delay this.

Weighting
40%

Assessment Criteria
Your assessment should be produced in 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 and that any cited work has been correctly referenced as per the CQU requirements. You will find further information and support material for this assessment within the unit Moodle site.
You will need to explain the core knowledge associated with this unit and show appropriate application of that knowledge in your submission.
In your submission, you will need to ensure that:

- The project brief is well researched, information is clearly and unambiguously presented to drive the design
- The project brief is appropriately interpreted and applied to the design
- Compliance with the project brief and client requirements is demonstrated in the design drawings
- Design drawings are appropriately drawn, effectively communicate the design and meet the clients requirements
- Presentation (via Zoom) of the design project is clear, professional, appropriate to the brief and self reflection is demonstrated in responses to feedback
- Comments on peer designs are approriate, constructive and supportive
- Images, tables and other graphics that visually support the submission are included
- All design work and drawings are original
- All information is correctly referenced

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Submit into the Moodle Assessment portal.

Learning Outcomes Assessed

- Apply design principles to new and refurbished tall and complex buildings.
- Explain design solutions within an environmental, social and community context.
- Research and solve design and legislative issues for tall and complex buildings.
- Discuss appropriate building fabrics, plant, equipment and services to deliver healthy, safe and structurally sound project outcomes.
- Show skills in communicating and presenting design concepts and building solutions.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Ethical practice

3 Assessment 3

Assessment Type
Presentation and Written Assessment

Task Description
This assessment relates to Unit Learning Outcomes 1 to 5. You will continue to develop your design in conjunction with the brief and participate in a group presentation of your design before finalising the plans for A3 submission.

Further information regarding the assessment will be available on the unit Moodle site.

Assessment Due Date
Review/Exam Week Wednesday (9 Oct 2024) 11:45 pm AEST

Submission via Moodle portal.

Return Date to Students

24 October 2024 - students will be advised of any adverse circumstances that might delay this.

Weighting
40%

Minimum mark or grade
You are required to achieve a minimum mark or grade of 50% of allocated marks for this assessment task in order to pass the unit.

Assessment Criteria
Your assessment should be produced in 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 and that any cited work has been correctly referenced as per the CQU requirements. You will find further information and support material for this assessment within the unit Moodle site.
You will need to explain the core knowledge associated with this unit and show appropriate application of that knowledge in your submission.
In your submission, you will need to ensure that:

- Design drawings are appropriately drawn, effectively communicate the design and meet the clients requirements
- Compliance with the project brief is demonstrated in the design drawings
- Design project contributes positively to the surrounding built environment
- Design project is justified in terms of the social and environmental impact
- Presentation (via Zoom) of the design project is clear, professional, appropriate to the brief and convincing in support of how the design meets the requirements
- Comments on peer designs are approriate, constructive and supportive
- Images, tables and other graphics that visually support the submission are included
- All design work and drawings are original
- All information is correctly referenced

Referencing Style

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

Submission
Online

Submission Instructions
Submit into the Moodle Assessment portal.

Learning Outcomes Assessed

- Apply design principles to new and refurbished tall and complex buildings.
- Explain design solutions within an environmental, social and community context.
- Research and solve design and legislative issues for tall and complex buildings.
- Discuss appropriate building fabrics, plant, equipment and services to deliver healthy, safe and structurally sound project outcomes.
- Show skills in communicating and presenting design concepts and building solutions.

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