



# **BLSV12020 Building Infrastructure Audits**

## **Term 3 - 2017**

Profile information current as at 02/05/2024 11:59 pm

All details in this unit profile for BLSV12020 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 aims to develop an understanding of the fundamentals of auditing building layouts, fabric, detailing for regulatory and best-practice performance through design, construction and refurbishment phases of building projects.

### Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

BLAR12034 Building Legislation 1 or BLAR11051 Construction Legislation 1.

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 3 - 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: 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 Moodle – student evaluation.

##### Feedback

I thought some of the study guide could have expanded more on the information required in the assessments.

##### Recommendation

Learning resources can be reviewed before the next offering.

#### Feedback from Moodle – student evaluation.

##### Feedback

Clear and concise powerpoint presentations which were all released at the beginning of the unit allowed greater flexibility in terms of 'getting ahead'. Response times for any queries were extremely fast and clear, with the offer of ongoing support also a massive plus. Any brief correspondence and it is easy to see that Stephen is passionate about what he does and really wants to impart knowledge and assist students.

##### Recommendation

Maintain the current delivery strategy.

## Unit Learning Outcomes

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

1. Discuss the difference between building inspections, audits and condition assessments.
2. Organise an inspection/audit/assessment from engagement to finalisation.
3. Manage inspections of buildings subject of complaints and disputes.
4. Explain the benefits of preventative maintenance of structures.
5. Identify basic structural and building environment defects.
6. Develop professional and comprehensive defect and recommendation reports.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes					
	1	2	3	4	5	6
1 - Written Assessment - 30%	•	•	•	•	•	•
2 - Written Assessment - 30%	•	•	•	•	•	•
3 - Written Assessment - 40%	•	•	•	•	•	•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes					
	1	2	3	4	5	6
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 - 40%	•	•	•	•	•	•		•		

## Textbooks and Resources

### Textbooks

BLSV12020

#### Prescribed

##### **AS4349 Inspection of buildings**

(2007)

Authors: Standards Australia

Standards Australia

Sydney , NSW , Australia

Binding: Hardcover

[CQUni Bookshop](#)

BLSV12020

#### Prescribed

##### **AS4655 Fire safety audits**

(2005)

Authors: Standards Australia

Standards Australia

Sydney , NSW , Australia

Binding: Hardcover

[CQUni Bookshop](#)

BLSV12020

#### Prescribed

##### **National Construction Code series**

(2016)

Authors: Australian Building Codes Board

Australian Building Codes Board

Canberra , ACT , Australia

Binding: Hardcover

[CQUni Bookshop](#)

#### **Additional Textbook Information**

The National Construction Code is available to students online.

Visit the Australian Building Codes Board at <http://www.abcb.gov.au/> for registration and download.

Australian Standards can be accessed via the CQUniversity Library website.

### IT Resources

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

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- MS Office or equivalent software
- USB Headset (microphone speaker combo)
- 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

**Kevin Stone** Unit Coordinator

[k.j.stone@cqu.edu.au](mailto:k.j.stone@cqu.edu.au)

## Schedule

### Week 1 - 06 Nov 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 1: Inspections and audits.		

### Week 2 - 13 Nov 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 2: Management of information and organisation of project role.		

### Week 3 - 20 Nov 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 3: Fixed structure asset management.		

### Week 4 - 27 Nov 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 4: Complaint and dispute investigation and management.		<b>Assessment 1 (A1)</b> Due: Week 4 Friday (1 Dec 2017) 11:45 pm AEST

### Vacation Week - 04 Dec 2017

Module/Topic	Chapter	Events and Submissions/Topic
No online session - enjoy the break!		

### Week 5 - 11 Dec 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 5: Condition assessments of domestic buildings.		

### Week 6 - 18 Dec 2017

Module/Topic	Chapter	Events and Submissions/Topic
Topic 6: Condition assessments of non-domestic buildings.		

### Week 7 - 01 Jan 2018

Module/Topic	Chapter	Events and Submissions/Topic
Topic 7: Termite and pest inspections.		

### Week 8 - 08 Jan 2018

Module/Topic	Chapter	Events and Submissions/Topic
Topic 8: Service audits		<b>Assessment 2 (A2)</b> Due: Week 8 Friday (12 Jan 2018) 11:45 pm AEST

### Week 9 - 15 Jan 2018

Module/Topic	Chapter	Events and Submissions/Topic
Topic 9: Damp penetration and condensation.		

### Week 10 - 22 Jan 2018

Module/Topic	Chapter	Events and Submissions/Topic
Topic 10: Structure analysis.		

### Week 11 - 29 Jan 2018

Module/Topic	Chapter	Events and Submissions/Topic
Topic 11: Post disaster / incident auditing.		

## Week 12 - 05 Feb 2018

Module/Topic	Chapter	Events and Submissions/Topic
Topic 12: Report writing.		
Review/Exam Week - 12 Feb 2018		
Module/Topic	Chapter	Events and Submissions/Topic
		<b>Assessment 3 (A3)</b> Due: Exam Week Friday (16 Feb 2018) 11:45 pm AEST
Exam Week - 12 Feb 2018		
Module/Topic	Chapter	Events and Submissions/Topic
Relax - there is no exam!		<b>Assessment 3 (A3)</b> Due: Exam Week Friday (16 Feb 2018) 11:45 pm AEST

## Assessment Tasks

### 1 Assessment 1 (A1)

#### Assessment Type

Written Assessment

#### Task Description

This assessment will focus on preventative maintenance within the context of building asset management and to develop an appropriate plan or checklist for use when inspecting the asset.

#### Assessment Due Date

Week 4 Friday (1 Dec 2017) 11:45 pm AEST

Submit via the assessment portal on the Moodle home page

#### Return Date to Students

Week 6 Friday (22 Dec 2017)

#### Weighting

30%

#### Assessment Criteria

The assessment will address the following attributes:

- Clarity & succinctness of expression
- Adequate coverage of topics discussed
- Use of supporting information where appropriate and associated references.
- Original thought.
- Overall presentation and the ability to communicate using correct spelling, grammar and punctuation.
- 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 course and appropriate application of this knowledge.

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 submission is your own and that any cited work has been correctly referenced as per the CQU requirements.

#### Referencing Style

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

#### Submission

Online

#### Submission Instructions

Submit a single PDF file to Moodle.

## Learning Outcomes Assessed

- Discuss the difference between building inspections, audits and condition assessments.
- Organise an inspection/audit/assessment from engagement to finalisation.
- Manage inspections of buildings subject of complaints and disputes.
- Explain the benefits of preventative maintenance of structures.
- Identify basic structural and building environment defects.
- Develop professional and comprehensive defect and recommendation reports.

## Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Ethical practice

## 2 Assessment 2 (A2)

### Assessment Type

Written Assessment

### Task Description

This assessment will focus on how a condition inspection of a building will influence the preventative maintenance schedules and the subsequent role these schedules contribute towards the lifespan of the structure and the benefits of planning maintenance work.

### Assessment Due Date

Week 8 Friday (12 Jan 2018) 11:45 pm AEST

Submit via the assessment portal on the Moodle home page

### Return Date to Students

Week 10 Friday (26 Jan 2018)

### Weighting

30%

### Assessment Criteria

The assessment will address the following attributes:

- Clarity & succinctness of expression
- Adequate coverage of topics discussed
- Use of supporting information where appropriate and associated references.
- Original thought.
- Overall presentation and the ability to communicate using correct spelling, grammar and punctuation.
- 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 course and appropriate application of this knowledge.

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 submission is your own and that any cited work has been correctly referenced as per the CQU requirements.

### Referencing Style

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

### Submission

Online

### Submission Instructions

Submit a single PDF file to Moodle.

## Learning Outcomes Assessed

- Discuss the difference between building inspections, audits and condition assessments.
- Organise an inspection/audit/assessment from engagement to finalisation.
- Manage inspections of buildings subject of complaints and disputes.



- Explain the benefits of preventative maintenance of structures.
- Identify basic structural and building environment defects.
- Develop professional and comprehensive defect and recommendation reports.

#### **Graduate Attributes**

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

### **3 Assessment 3 (A3)**

#### **Assessment Type**

Written Assessment

#### **Task Description**

The assessment requires you to research an asset management issue including structural and non-structural elements and document your findings.

#### **Assessment Due Date**

Exam Week Friday (16 Feb 2018) 11:45 pm AEST

Submit via the assessment portal on the Moodle home page

#### **Return Date to Students**

Exam Week Friday (16 Feb 2018)

At certification of grades.

#### **Weighting**

40%

#### **Minimum mark or grade**

Must achieve 50% in this assessment and an overall cumulative result of 50% or more from all assessments to pass this unit.

#### **Assessment Criteria**

The assessment will address the following attributes:

- Clarity & succinctness of expression
- Adequate coverage of topics discussed
- Use of supporting information where appropriate and associated references.
- Original thought.
- Overall presentation and the ability to communicate using correct spelling, grammar and punctuation.
- 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 course and appropriate application of this knowledge.

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 submission is your own and that any cited work has been correctly referenced as per the CQU requirements.

#### **Referencing Style**

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

#### **Submission**

Online

#### **Submission Instructions**

Submit a single PDF file to Moodle.

#### **Learning Outcomes Assessed**

- Discuss the difference between building inspections, audits and condition assessments.
- Organise an inspection/audit/assessment from engagement to finalisation.
- Manage inspections of buildings subject of complaints and disputes.

- Explain the benefits of preventative maintenance of structures.
- Identify basic structural and building environment defects.
- Develop professional and comprehensive defect and recommendation reports.

#### **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