



# AINV13006 Crash Lab Project 2

## Term 2 - 2017

Profile information current as at 26/04/2024 08:08 am

All details in this unit profile for AINV13006 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 provide students the opportunity to consolidate and apply all of the accident investigation and analysis theory studied in the Accident Forensics course. Students will write a comprehensive and detailed accident investigation report to the standard of a regulator. Students will also observe and reflect on court procedures during a simulated court.

### 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

Prerequisite: AINV13003 Crash Lab Project 1 and Corequisite: AINV13004 Learning from Failure

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 - 2017

- Adelaide
- Brisbane
- Bundaberg
- Distance
- Gladstone
- Melbourne
- 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).

### Residential Schools

This unit has a Compulsory Residential School for distance mode students and the details are:

Click here to see your [Residential School Timetable](#).

### 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. **Group Discussion**

Weighting: Pass/Fail

#### 2. **Written Assessment**

Weighting: 80%

#### 3. **Practical and Written Assessment**

Weighting: 20%

### 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 Have Your Say, residential school feedback and personal feedback to the lecturer.

#### Feedback

The court procedures lecture and residential school were really interesting, students identified how these will help in their future careers.

#### Recommendation

Continue with the court procedures lectures and residential school.

### Feedback from Have Your Say Survey

#### Feedback

Have a reflective component to enable reflection on the progression of the investigation.

#### Recommendation

Consider the introduction of an appropriate reflective tool to encourage students to reflect on their investigation progress.

### Feedback from Have Your Say Survey

#### Feedback

Having lectures from the Human Factors Investigation and the Learning from Failure lecturers in this unit enabled students to apply that knowledge directly and expand their investigation lines of enquiry.

#### Recommendation

Continue with the interactive Tutorials from those linked courses, so that students directly apply the full range of skills from across the degree to the development of this report.

## Unit Learning Outcomes

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

1. Prepare a detailed report of a designated accident investigation.
2. Critically evaluate the usefulness in Accident Forensics of observed court processes, evidence and outcomes.
3. Employ effective communication strategies appropriate to disseminating findings from a major accident.
4. Demonstrate reflective skills appropriate to the development of the graduating practitioner.

Nil

## 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
<b>1 - Group Discussion - 0%</b>	●		●	●
<b>2 - Written Assessment - 80%</b>	●		●	●

Assessment Tasks	Learning Outcomes			
	1	2	3	4
3 - Practical and Written Assessment - 20%		•	•	•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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 - Group Discussion - 0%	•		•	•		•	•	•		
2 - Written Assessment - 80%	•	•	•	•		•	•	•		
3 - Practical and Written Assessment - 20%	•		•	•		•	•	•		

## Textbooks and Resources

### Textbooks

**There are no required textbooks.**

#### Additional Textbook Information

**There are no set textbooks for this unit. Students are encouraged to use their own research to find materials to support their projects.**

### 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

**Allison Hutton** Unit Coordinator  
[a.hutton@cqu.edu.au](mailto:a.hutton@cqu.edu.au)

## Schedule

### Week 1 - 10 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Module 1 : Introduction and expectations Module 2 : Investigation Reporting Topic 1 : What do good reports look like?		Tutorial 1 : Helping the reader

### Week 2 - 17 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Module 2 : Investigation Reporting Topic 2 : What goes in?		Tutorial 2 : Road Testing your Report Structure

### Week 3 - 24 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Module 2 : Investigation Reporting Topic 3 : I know what you meant, but did you mean what you said?		Tutorial 3 : Writing and drafting Group Discussion 1 Due Monday (24-Jul-17) 09:00 AM AEST

### Week 4 - 31 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Module 2 : Investigation Reporting Topic 4 : Conclusions and Recommendations		Tutorial 4 : Checking your work

### Week 5 - 07 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Module 2 : Investigation Reporting

Tutorial 5 : How reports are used  
Group Discussion 2 Due Monday (7-Aug-17) 09:00 AM AEST

#### Vacation Week - 14 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
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#### Week 6 - 21 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Independent work on your report

#### Week 7 - 28 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Module 3 : Extending Your Lines of Enquiry

Tutorial 6 - Roadtest - Incorporating learnings from Human Factors Investigation and developing further lines of enquiry  
Group Discussion 3 Due Monday \*28-Aug-17) 09:00 AM AEST

#### Week 8 - 04 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
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No lecture this week, Tutorial only

Tutorial 7 - Roadtest - Incorporating learnings from Learning from Failure and developing further lines of enquiry

#### Week 9 - 11 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Module 4 : Court  
Topic 1 : Background to Court Procedures

#### Week 10 - 18 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Module 4 : Court  
Topic 2 : Law in relation to Evidence

#### Week 11 - 25 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Module 4 : Court  
Topic 3 : Giving Evidence

**Formal Investigation Report** Due: Week 11 Monday (25 Sept 2017) 9:00 am AEST

#### Week 12 - 02 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Module 4 : Court  
Topic 4 : Other Issues

Group Discussion 4 Due Monday (2-Oct-17) 09:00 AM AEST

#### Review/Exam Week - 09 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
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#### Exam Week - 16 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
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16 October - Residential School : Demonstration Court (Rockhampton)

**Court Procedures Discussion and Report** Due: Exam Week Friday (20 Oct 2017) 11:45 pm AEST

## Assessment Tasks

# 1 Group Discussion

## Assessment Type

Group Discussion

## Task Description

During the term, your Unit Coordinator will post four discussion questions in Moodle, aimed at enabling you to apply your skills to the report and maintain reasonable progress. You are required to respond thoughtfully to each of the four discussion questions, as well as reply constructively to at least one other student's post in each of the four discussion questions.

## Assessment Due Date

As per study schedule

## Return Date to Students

Within three weeks

## Weighting

Pass/Fail

## Minimum mark or grade

Students must pass this assessment to pass the unit.

## Assessment Criteria

Engagement as a responsible member of the learning community.

Demonstrate reflective skills appropriate to the development of the graduating practitioner, including stating a position, supporting your argument with appropriately supported and referenced evidence.

## Referencing Style

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

## Submission

Online

## Submission Instructions

Submit via the central discussion area in Moodle.

## Learning Outcomes Assessed

- Prepare a detailed report of a designated accident investigation.
- Employ effective communication strategies appropriate to disseminating findings from a major accident.
- Demonstrate reflective skills appropriate to the development of the graduating practitioner.

## Graduate Attributes

- Communication
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

# 2 Formal Investigation Report

## Assessment Type

Written Assessment

## Task Description

Students are to complete the analysis and investigation for their Crash Lab Project 1 accident and prepare a detailed report of the investigation.

The report should demonstrate all the learnings from the Accident Forensics course to date.

The investigation needs to be thorough and must contain at least thirty lines of enquiry. During this term, students are expected to develop additional lines of enquiry, incorporating learnings from other third year units, especially Human Factors Investigation and Learning from Failure. Accordingly additional evidence may be requested for the scenario.

The final report will be assessed on the content, logic and comprehensiveness of:

- Executive Summary
- Introduction
- Description of the Accident

- Description of the Investigation
- Analysis and testing, including Timeline, PEEPO and Event Tree
- Findings
- Conclusions
- Recommendations
- Attachments (All investigation artefacts, including logs, continuity records photographs, scene maps, witness statements, evidence logs, logic diagrams etc)

Note : The final report should include eliminated lines of enquiry.

The requirements for the investigation and report will be discussed in Week 1. Additional information, support and practice opportunities will be available throughout the term.

#### **Assessment Due Date**

Week 11 Monday (25 Sept 2017) 9:00 am AEST

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

Within three weeks

#### **Weighting**

80%

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

Students must pass this assessment to pass the unit.

#### **Assessment Criteria**

1. (90%) Content - includes the accuracy, relevance and application of key concepts, analysis, argument, language and grammar used in answering a question or report (see marking criteria for individual requirements).
2. (10%) References - includes the provision of a reference list and the application of the Harvard style for referencing information, data, tables or images sourced for the assignment or report.

#### **Referencing Style**

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

#### **Submission**

Online

#### **Learning Outcomes Assessed**

- Prepare a detailed report of a designated accident investigation.
- Employ effective communication strategies appropriate to disseminating findings from a major accident.
- Demonstrate reflective skills appropriate to the development of the graduating practitioner.

#### **Graduate Attributes**

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

## 3 Court Procedures Discussion and Report

#### **Assessment Type**

Practical and Written Assessment

#### **Task Description**

This assessment consists of three parts.

#### **Part A : Demonstration Court and Reflection (20%)**

During the compulsory Residential school in Rockhampton, students will observe a Demonstration Court and evaluate court procedures in action. Students must personally observe **ALL** sessions of the Demonstration Court. Students will discuss their learnings and write a reflection on the effectiveness of the prosecution's case, including the presentation of evidence and use of witness testimony.

#### **Part B : Expert Witness Testimony (Pass/Fail)**

During the compulsory Residential school in Rockhampton, students will stand in the "witness box", give evidence on the content of their Accident Report and be cross-examined on their evidence.

#### **Part C : Professionalism (Pass/Fail)**



Throughout the residential school, students will be assessed on their ability to apply professional approaches to all activities.

Additional information shall be provided during term.

**Assessment Due Date**

Exam Week Friday (20 Oct 2017) 11:45 pm AEST

The Part A Reflection is due Fri 20/10/17. All practical components will be assessed during the Residential School.

**Return Date to Students**

Within three weeks

**Weighting**

20%

**Minimum mark or grade**

To pass this assessment, students must pass each of Part A, Part B and Part C. Students must pass this assessment to pass this unit.

**Assessment Criteria**

As a general rule, assessment criteria for all assessment items include:

1. (90%) Content - includes the accuracy, relevance and application of key concepts, analysis, argument, language and grammar used in answering a question or report (see marking criteria for individual requirements).
2. (10%) References - includes the provision of a reference list and the application of the Harvard style for referencing information, data, tables or images sourced for the assignment or report.

Specific assessment criteria will be provided through Moodle.

**Referencing Style**

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

**Submission**

Online

**Learning Outcomes Assessed**

- Critically evaluate the usefulness in Accident Forensics of observed court processes, evidence and outcomes.
- Employ effective communication strategies appropriate to disseminating findings from a major accident.
- Demonstrate reflective skills appropriate to the development of the graduating practitioner.

**Graduate Attributes**

- Communication
- Critical Thinking
- Information Literacy
- 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