



# **AINV20012 Accident Domain Contexts and Methods 2**

## **Term 2 - 2017**

Profile information current as at 19/05/2024 12:17 pm

All details in this unit profile for AINV20012 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**

In this unit students will evaluate and critique the impact of laws, infrastructure, principles of operation, hazards and the operational safety precepts that contribute as accident causation and prevention in the domain. Students will also examine and critique the features unique to accident scenes and the contemporary methods of investigation and reporting unique to the domain.

### **Details**

Career Level: *Postgraduate*

Unit Level: *Level 9*

Credit Points: *12*

Student Contribution Band: *8*

Fraction of Full-Time Student Load: *0.25*

### **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 - 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 12-credit Postgraduate unit at CQUniversity requires an overall time commitment of an average of 25 hours of study per week, making a total of 300 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: 20%

#### 2. **Portfolio**

Weighting: 30%

#### 3. **Written Assessment**

Weighting: 50%

### 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 Feedback from previous offerings of this unit.

**Feedback**

Previous students enjoyed the flexibility of this course to target their individual industry problems.

**Recommendation**

Continue with this approach and refine.

## Unit Learning Outcomes





















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

1. Evaluate domain specific laws in relation to accident investigation.
2. Examine and interpret the domains' unique principles of operational safety effecting logistics, operations, infrastructure and maintenance in the contexts of accident causation and prevention.
3. Assess the significance of hazards in the domain and their contribution to accident causation.
4. Appraise the unique features of accident scenes in the domain.
5. Evaluate the unique investigation methods and their contribution to understanding accidents in the domain.
6. Critique contemporary methods of human factors investigation specific to the domain.


## 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 6   |
| 1 - Knowledge                                      |  |  |  |  |   |  |
| 2 - Communication                                  |   |   |  |  |   |   |
| 3 - Cognitive, technical and creative skills       |  |  |  |  |  |  |
| 4 - Research                                       |  |   |  |  |  |  |
| 5 - Self-management                                |   |   |  |   |   |  |
| 6 - Ethical and Professional Responsibility        |   |  |  |   |   |   |
| 7 - Leadership                                     |   |   |  |   |   |   |
| 8 - 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 |
| 1 - Group Discussion - 20%   |  |  |  |  |  |  |  |   |
| 2 - Portfolio - 30%          |  |  |  |  |  |  |   |   |
| 3 - Written Assessment - 50% |  |  |  |  |  |  |   |   |

## 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)

## Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)  
For further information, see the Assessment Tasks.

## Teaching Contacts

**Shevaun Dell** Unit Coordinator  
[s.dell@cqu.edu.au](mailto:s.dell@cqu.edu.au)

## Schedule

### Week 1 - 10 Jul 2017

| Module/Topic   | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Introduction & Unit Overview<br>Meet and greet learning mentors<br>A schedule of collaborate sessions will be agreed with your specialisation mentor |         |                              |

### Week 2 - 17 Jul 2017

| Module/Topic                                   | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Specialisation sessions as per agreed schedule |         |                              |

### Week 3 - 24 Jul 2017

| Module/Topic                                   | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Specialisation sessions as per agreed schedule |         |                              |

### Week 4 - 31 Jul 2017

| Module/Topic                                   | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Specialisation sessions as per agreed schedule |         |                              |

### Week 5 - 07 Aug 2017

| Module/Topic                                   | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Specialisation sessions as per agreed schedule |         |                              |

### Vacation Week - 14 Aug 2017

| Module/Topic  | Chapter | Events and Submissions/Topic |
|---------------|---------|------------------------------|
| Vacation Week |         |                              |

### Week 6 - 21 Aug 2017

| Module/Topic                                   | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Specialisation sessions as per agreed schedule |         |                              |

### Week 7 - 28 Aug 2017

| Module/Topic                                   | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Specialisation sessions as per agreed schedule |         |                              |

### Week 8 - 04 Sep 2017

| Module/Topic | Chapter | Events and Submissions/Topic |
|--------------|---------|------------------------------|
|--------------|---------|------------------------------|

Specialisation sessions as per agreed schedule

#### Week 9 - 11 Sep 2017

| Module/Topic                                   | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Specialisation sessions as per agreed schedule |         |                              |

#### Week 10 - 18 Sep 2017

| Module/Topic                                   | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Specialisation sessions as per agreed schedule |         |                              |

#### Week 11 - 25 Sep 2017

| Module/Topic                                   | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Specialisation sessions as per agreed schedule |         |                              |

#### Week 12 - 02 Oct 2017

| Module/Topic                                   | Chapter | Events and Submissions/Topic   |
|--|---------|--|
| Specialisation sessions as per agreed schedule |         | <b>Written Assessment</b> Due: Week 12 Friday (6 Oct 2017) 11:45 pm AEST |

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

| Module/Topic | Chapter | Events and Submissions/Topic  |
|--------------|---------|---|
|              |         | <b>Group Discussion</b> Due: Review/Exam Week Monday (9 Oct 2017) 9:00 am AEST<br><b>Portfolio</b> Due: Review/Exam Week Monday (9 Oct 2017) 9:00 am AEST |

#### Exam Week - 16 Oct 2017

| Module/Topic | Chapter | Events and Submissions/Topic |
|--------------|---------|------------------------------|
|--------------|---------|------------------------------|

## Assessment Tasks

### 1 Group Discussion

#### Assessment Type

Group Discussion

#### Task Description

Students must subsequently engage in forum discussions with other students regarding their submissions. Both the submissions themselves and the peer review component comprise this assessment.

Students will upload each mind map to Moodle for peer and lecturer review. When each mind map is uploaded into the relevant discussion forum, a list of references used to your thinking and aid development of the submission must be included.

For each Learning Theme, students will research, evaluate and discuss the relevant literature. They will prepare a mind map (or other submission if directed by their learning mentor) which describes the key issues of the subject area/s.

Further information regarding this assessment item will be available on Moodle, or by consultation with learning mentors.

#### Assessment Due Date

Review/Exam Week Monday (9 Oct 2017) 9:00 am AEST

#### Return Date to Students

Feedback for each submission will be provided weekly online, the overall grade will be applied at the end of the term.

#### Weighting

20%

### Assessment Criteria

The grade for this assignment will be allocated by your lecturer, based on your mind map submission in Moodle each week (10 marks) and your peer review comments related to other students' mind maps (10 marks).

### Referencing Style

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

### Submission

Online

### Submission Instructions

Mind maps must be submitted to the Moodle discussion forum weekly, and the submissions discussed with other students

### Learning Outcomes Assessed

- Evaluate domain specific laws in relation to accident investigation.
- Examine and interpret the domains' unique principles of operational safety effecting logistics, operations, infrastructure and maintenance in the contexts of accident causation and prevention.
- Assess the significance of hazards in the domain and their contribution to accident causation.

### Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Research
- Self-management
- Ethical and Professional Responsibility
- Leadership

## 2 Portfolio

### Assessment Type

Portfolio

### Task Description

#### Part A Reflective Journal (15%)

Throughout the 12 weeks of this unit, students will develop and maintain a reflective journal which identifies and captures:

- the major issues and key learning from each Learning Theme
- the students' thoughts and reflections in relation to each Theme
- any gaps or limitations in contemporary knowledge in relation to each Theme
- any implications and learning which inform the students' own professional practice and development as an accident investigator

#### Part B Personal Investigation Plan (15%)

Based on the unit materials studied in the unit, and previously submitted mind maps and reflections, students are to develop a personal investigation plan which they will use to enhance preparation for future accident investigations, including preparations for the forthcoming Accident Domain Project unit.

This plan can be in any format considered appropriate to aid students' future response to accidents

The completed personal plan is to be uploaded to Moodle for assessment by Learning Mentors and the Unit Co-ordinator.

### Assessment Due Date

Review/Exam Week Monday (9 Oct 2017) 9:00 am AEST

### Return Date to Students

Exam Week Friday (20 Oct 2017)

### Weighting

30%

### 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.

Where necessary your Lecturer may provide additional assessment criteria in Moodle.

### Referencing Style

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

### Submission

Online

### Learning Outcomes Assessed

- Examine and interpret the domains' unique principles of operational safety effecting logistics, operations, infrastructure and maintenance in the contexts of accident causation and prevention.
- Assess the significance of hazards in the domain and their contribution to accident causation.
- Appraise the unique features of accident scenes in the domain.
- Evaluate the unique investigation methods and their contribution to understanding accidents in the domain.
- Critique contemporary methods of human factors investigation specific to the domain.

### Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Research
- Self-management
- Ethical and Professional Responsibility

## 3 Written Assessment

### Assessment Type

Written Assessment

### Task Description

#### Part A Literature Review Submission (30%) - due Week 8

Students are required to submit a literature review based on their research, analysis and discussions during this unit.

The basics of the review should be structured in a manner to incorporate the following:

- Background to the topic including relevance to specialisation
- Theoretical base/framework of the topic
- Important studies/reports in the area
- Critical analysis of the related topics
- Must address both the context & methods of your specific accident domain
- It must be drawn from reliable sources from Australia and other countries (where relevant).

#### Part B Critique the contemporary body of knowledge (20%) - due Week 12

Student must then use Part A to explore, explain and critique the contemporary body of knowledge in relation a negotiated topic specific to their accident investigation domain.

The paper should also explore the contribution of the chosen subject area to contemporary understanding of accident causation and prevention.

### Assessment Due Date

Week 12 Friday (6 Oct 2017) 11:45 pm AEST

Part A is due in Week 8 of the semester. Part B is due in Week 12 of the semester.

### Return Date to Students

Exam Week Friday (20 Oct 2017)

Feedback for Part A will be provided two weeks following submission.

### Weighting

50%

### 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. Where necessary your Lecturer may provide additional assessment criteria in Moodle.

### Referencing Style

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



**Submission**

Online

**Learning Outcomes Assessed**

- Examine and interpret the domains' unique principles of operational safety effecting logistics, operations, infrastructure and maintenance in the contexts of accident causation and prevention.
- Assess the significance of hazards in the domain and their contribution to accident causation.
- Appraise the unique features of accident scenes in the domain.
- Evaluate the unique investigation methods and their contribution to understanding accidents in the domain.
- Critique contemporary methods of human factors investigation specific to the domain.

**Graduate Attributes**

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Research
- Self-management
- Ethical and Professional Responsibility

## 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