



AINV12004 *Investigation Domain Contexts*

Term 2 - 2017

Profile information current as at 02/10/2022 01:07 pm

All details in this unit profile for AINV12004 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 compare and contrast the investigative domains of air, rail, road and industrial safety. Learners will evaluate the basic principles of accident investigation that are unique to each of the domains.

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

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

- Adelaide
- Brisbane
- Bundaberg
- Distance
- 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).

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. **Online Quiz(zes)**

Weighting: 10%

2. **Written Assessment**

Weighting: 40%

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 Have your say

Feedback

Having experts give the lectures was brilliant, learnt more this way as it was from real life experiences.

Recommendation

Continue to use the format where domain subject experts deliver the appropriate material

Unit Learning Outcomes

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

1. Explain the basic principles of accident investigation that are unique to air, rail, road, and industrial accident contexts.
2. Evaluate the aspects of accident investigation and forensics unique to air, rail, road and industrial contexts.
3. Compare and contrast the domains of air safety, rail safety, road safety and industrial safety.
4. Employ effective communication strategies appropriate to diverse investigative contexts.
5. Demonstrate reflective skills appropriate to the development of the intermediate practitioner.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Online Quiz(zes) - 10%	•			•	•
2 - Written Assessment - 40%	•	•		•	
3 - Written Assessment - 50%			•	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
1 - Communication				•	
2 - Problem Solving					
3 - Critical Thinking	•	•	•		•

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
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 - Online Quiz(zes) - 10%	•		•	•		•	•	•		
2 - Written Assessment - 40%	•		•	•		•	•			
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

Kevin Perry Unit Coordinator
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Schedule

Week 1 - 10 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Getting to know you, Moodle and this Unit		

Week 2 - 17 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Module 1 - Common principles of the domains		

Week 3 - 24 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Module 2 - Aspects that define a domain		

Week 4 - 31 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Module 3 - Aviation		Quiz 1 Due 9.00am Monday 31 July 2017

Week 5 - 07 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
Aviation continued		Quiz 2 Due 11.55pm Sunday 13 August 2017

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
Module 4 - Rail		Domain Evaluation 1 - Air - Due Friday 25 August 2017 at 9.00am

Week 7 - 28 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
Rail continued		

Week 8 - 04 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Module 5 - Road		Domain Evaluation 2 - Rail - Due Friday 8 September 2017 at 9.00am

Week 9 - 11 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Road continued		

Week 10 - 18 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Module 6 - Industrial		Domain Evaluation 3 - Road - Due Friday 22 September 2017 at 9.00am

Week 11 - 25 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Industrial continued		

Week 12 - 02 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
Module 7 - Other domains		Domain Evaluation 4 - Industrial - Due Friday 6 October 2017 at 9.00am
Review/Exam Week - 09 Oct 2017		
Module/Topic	Chapter	Events and Submissions/Topic
		Domain comparison Due: Review/Exam Week Monday (9 Oct 2017) 9:00 am AEST
Exam Week - 16 Oct 2017		
Module/Topic	Chapter	Events and Submissions/Topic

Term Specific Information

To pass this unit students must complete and lodge via the Moodle site the quizzes, all domain evaluations and the domain comparison (all assessments must be attempted) and receive an overall unit score greater than 50%.

Assessment Tasks

1 Online Quiz

Assessment Type

Online Quiz(zes)

Task Description

Two quiz tasks will be uploaded in weeks 2 and 4. These quizzes will be in forum format. You are required to provide an answer to the question posted.

You are then required to provide constructive feedback to two of your peer's submissions.

You will not be able to see your peer's answers until you have uploaded your response.

Your submission has a word count of 500 words, and your responses to your peers has a word count of 250 words each.

Number of Quizzes

2

Frequency of Quizzes

Other

Assessment Due Date

As per the study schedule

Return Date to Students

One week following submission due date

Weighting

10%

Assessment Criteria

As a general rule assessment criteria for all assessment items include

- (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).
- (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 relevant, any additional specific assessment criteria for each assessment piece will be provided through moodle.

Referencing Style

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

Submission

Online

Learning Outcomes Assessed

- Explain the basic principles of accident investigation that are unique to air, rail, road, and industrial accident contexts.
- Employ effective communication strategies appropriate to diverse investigative contexts.
- Demonstrate reflective skills appropriate to the development of the intermediate practitioner.

Graduate Attributes

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

2 Domain evaluation

Assessment Type

Written Assessment

Task Description

This assessment task requires you to evaluate the aspects of accident investigation and forensics unique to air, rail, road and industrial safety.

At the end of each of the air, rail, road and industrial modules you are required to:

- Explore the web sites of the various regulatory and investigation agencies
- access accident reports from the specific domain; and
- access any public accident databases relative to the domains (links to some useful sources of information will be provided in Moodle)

and respond to the following:

- What are the unique characteristics of this domain in relation to laws, technologies, operation and hazards?
- What agencies are responsible for regulation and investigation in the domain?
- Where and how are accidents reported in this domain? What are the key definitions that define accident reporting in this domain?
- What procedures and methods are prescribed/recommended in this domain?
- What accident investigation/forensic methods are used that are unique to this domain?

Please note this assignment will be submitted as four individual submissions, one for each domain. Each submission should be approximately 1000 words.

Assessment Due Date

As per study schedule

Return Date to Students

Three weeks after submission

Weighting

40%

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.

Referencing Style

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

Submission

Online

Learning Outcomes Assessed

- Explain the basic principles of accident investigation that are unique to air, rail, road, and industrial accident

contexts.

- Evaluate the aspects of accident investigation and forensics unique to air, rail, road and industrial contexts.
- Employ effective communication strategies appropriate to diverse investigative contexts.

Graduate Attributes

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

3 Domain comparison

Assessment Type

Written Assessment

Task Description

This assessment task requires you to compare and contrast the domains of air safety, rail safety, road safety and industrial safety.

This assessment builds on the understandings derived in Assessment task 2 - Domain Evaluation.

Drawing on the reports accessed, your learning and any additional material, respond to the following:

1. Compare and contrast the reports for each domain in relation to effectiveness in

- understanding what happened
- communicating why it happened
- explaining methods of analysis
- enabling the reader to reach the same conclusions as the author/s
- providing recommendations that are directly linked to the analysis and conclusions

2. Compare and contrast the domain investigation framework as a tool for domain learning and accident prevention.

You must ensure that you use examples from the reports within your discussion and use current, relevant literature to support your arguments.

Word count - 3,000 words

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

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.

Referencing Style

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

Submission

Online

Learning Outcomes Assessed

- Compare and contrast the domains of air safety, rail safety, road safety and industrial safety.
- Employ effective communication strategies appropriate to diverse investigative contexts.
- Demonstrate reflective skills appropriate to the development of the intermediate 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