



OCHS13016 *Advanced Occupational Health*

Term 1 - 2017

Profile information current as at 14/12/2025 03:36 pm

All details in this unit profile for OCHS13016 have been officially approved by CQUUniversity 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 problem based unit, you will be faced with a range of hazards, learning to apply both current problem solving approaches and a systems oriented approach to analysis with common systematic principles. The learning process is focused on specific hazards, chosen because they represent important issues in occupational health today and in the future. You will be expected to be able to extend your knowledge of the process to tackle new issues, although these may be issues that you have not previously dealt with. You will learn advanced approaches to the treatment of hazards and risk management, including knowledge of managing risk where a hazard cannot be eliminated. You will also learn the nature of illness and injury, as well as the pathogenesis to organs of the body caused by occupational exposure to a broad range of hazards. After graduation, you will be able to apply the problem solving and systems oriented approaches taught in this unit to contemporary employment settings, in particular to solving hazards not previously known to you.

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

Successful completion of 48 credit points.

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 1 - 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).

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. **Portfolio**

Weighting: 70%

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 feedback

Feedback

Some students found group work challenging.

Recommendation

Develop tight student contract that must be used by groups from the outset of group work. This contract should specify the processes that will be used by the group to agree workloads and allocation of grades against individual KPIs.

Action

Students were allowed to nominate their own groups so that they could work with people they knew. This seemed to work well for these groups.

Unit Learning Outcomes

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

1. Analyse actual occupational health cases and demonstrate individual initiative and effective problem solving in occupational health.
2. Apply a systems approach to complex problem solving in occupational health. thereby acquiring an ability to extend the reach of managing risk in diverse settings.
3. Apply the principles of critical assessment of severity and urgency in occupational health.
4. Identify the real problems in occupational health, including indoor and outdoor environments.
5. Apply knowledge of paths of exposure and pathogenesis to the principles of monitoring of place and person.
6. Describe the nature of illness and injury associated with occupational exposure to certain hazards.

Not applicable

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 - Portfolio - 70%		•		•	•	

Alignment of Graduate Attributes to Learning Outcomes

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

Graduate Attributes	Learning Outcomes					
	1	2	3	4	5	6
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 - Portfolio - 70%	•	•	•	•		•	•	•		

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

Ryan Kift Unit Coordinator
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Schedule

Week 1 - 06 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Course		

Week 2 - 13 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Occupational toxicology		

Week 3 - 20 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Risk management and exposure		

Week 4 - 27 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Chemical hazards 1-Dusts and particulates		

Week 5 - 03 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Chemical hazards 2-Chemical contaminants		Group Written Assignment 1 Due: Week 5 Friday (7 Apr 2017) 11:45 pm AEST

Vacation Week - 10 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - 17 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Biological hazards		

Week 7 - 24 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Control of Hazards- Chemical and biological		

Week 8 - 01 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Physical hazards 1- Noise, vibration and lighting		

Week 9 - 08 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Physical hazards 2- Radiation and temperature		

Week 10 - 15 May 2017

Module/Topic	Chapter	Events and Submissions/Topic

Week 11 - 22 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Other exposures		

Week 12 - 29 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Course Summary		

Review/Exam Week - 05 Jun 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Exam Week - 12 Jun 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Assessment Tasks

1 Group Written Assignment 1

Assessment Type

Written Assessment

Task Description**Group Written Assignment 1****Details**

Your lecturer will provide a real problem that involves one specific Hazard as a case study. You will identify the Hazard and use the 7 step process below to fully evolve a plan for understanding and dealing with the hazard.

The steps in the Process should include 7 Tasks:

1. Describing the Hazard
2. Defining the Pathogen involved and Route of Exposure
3. Outline the Pathogenesis, which is the Causal Mechanism of Disease or Injury to Exposed Persons, with reference to one or two peer reviewed articles.
4. Monitoring of Place and Persons for Potential and Actual harm by the Pathogen
5. Describe relevant Legislation, Codes and Standards which apply to this Pathogen
6. Discuss issues of Compliance based on legislation, codes and ethics
7. Propose Implementation of Elimination or Control of the Pathogen

Use an approach that demonstrates the principle of Exposure and Health Effect. As you consider the Hazard, the first three steps you need to look at are important to show your understanding of the problem. In step 4, you will explore the possible ways to monitor the presence of the Pathogen and possibly monitor the persons exposed. Finally in steps 5 to 7 you will wrap up the issues of Legislation, Compliance, Ethics and Control.

Write a concise report, in response to the question set in Assignment 1. The report should be written as a Consultant might write to a Client, and therefore is technical writing. It should be addressed to the client, and should have a content flow and headings that are appropriate for such a report. The Lecturer will give examples of Technical Writing in lectures and supportive documents posted on the Course Moodle site.

Assessment Due Date

Week 5 Friday (7 Apr 2017) 11:45 pm AEST

Assignment 1. Due on Friday 8 April 2015 at 18:00 AEST

Return Date to Students

Week 6 Friday (21 Apr 2017)

All assignment returned 14 Days after submission

Weighting

30%

Assessment Criteria**Assignment Word count: 2000 words**

Assignment 1 accounts for 30% of the course grade

Assessment Criteria

This assessment will be graded with the following criteria:

- Correctly identifies the Hazard, the Pathogen and route of exposure (10%)
- Explains exposure and effect, and describes the nature of the Pathogen and its effect, on Human Health, with reference to one or two good quality peer reviewed articles (30%)
- Describes the principles and objectives of monitoring the Pathogen in Place and Person (20%)
- Outlines relevant Legislation and Codes (5%)
- Discusses issues of Compliance (5%)
- Describes the plan for Elimination of or Control of the Pathogen (10%)
- Report structure and presentation (20%)

Referencing Style

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

Submission

Online

Learning Outcomes Assessed

- Analyse actual occupational health cases and demonstrate individual initiative and effective problem solving in occupational health.
- Apply the principles of critical assessment of severity and urgency in occupational health.
- Identify the real problems in occupational health, including indoor and outdoor environments.
- Apply knowledge of paths of exposure and pathogenesis to the principles of monitoring of place and person.
- Describe the nature of illness and injury associated with occupational exposure to certain hazards.

Graduate Attributes

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

2 Portfolio

Assessment Type

Portfolio

Task Description

Portfolio Assignment

Details

For the Portfolio Assignment the lecturer will set a larger problem that involves two or more specific Hazards. You will identify the Hazards, and use the 7 Step process to evolve a plan for understanding and dealing with each of the hazards.

The steps in the Process followed for each Hazard should include 7 Tasks:

1. Describing the Hazards
2. Defining the Pathogens involved and Routes of Exposure
3. Outline the Pathogenesis, which is the Causal Mechanism of Disease or Injury to Exposed Persons, with reference to one or two peer reviewed articles for each Pathogen
4. Monitoring of Place and where appropriate, Persons, for Potential and Actual harm by each Pathogen
5. Describe relevant Legislation, Codes and Standards which apply to each Pathogen
6. Discuss issues of Compliance based on Legislation, Codes and Ethics for each Pathogen
7. Propose Implementation of Elimination or Control of each Pathogen

You should use an approach that demonstrates the principle of Exposure and Health Effect. As you consider each Hazard, the first three steps you need to look at are important to show your understanding of the problem facing you for each of the Hazards. In step 4, explore the possible ways to monitor the presence of each of the Pathogens and if possible, monitor the persons exposed. Finally in steps 5 to 7 you should wrap up the issues of Legislation, Compliance, Ethics and Control.

Then write a comprehensive report, in response to the question set in the Portfolio Assignment . The report should be written as a Consultant might write to a Client, and therefore is technical writing. As a report it should be addressed to

the client, and should have a content flow, and headings, that are appropriate for such a report. The Lecturer will give examples of Technical Writing in lectures and supportive documents posted on the Course Moodle site prior to the submission date.

Assessment Due Date

Week 10 Friday (19 May 2017) 11:45 pm AEST

Return Date to Students

Week 12 Friday (2 June 2017)

Weighting

70%

Assessment Criteria

Portfolio Word count: 3000 - 4000 words

Portfolio accounts for 70% of the course grade

Assessment Criteria:

This assessment will be graded with the following criteria:

- Correctly identifies the Hazards, Pathogens and routes of exposure (10%)
- Explains in detail exposure and effect, and describe the nature of Pathogens and their effects, whether Chemical, Physical or Biological on Human Health, with reference to two good quality peer reviewed articles, for each Pathogen (30%)
- Describe the principles and objectives of monitoring each Pathogen in Place and, if possible, Person (20%)
- Outline relevant Legislation, Codes, and Standards (5%)
- Discuss issues of Compliance (5%)
- Describe the plan for Elimination or Control of each Pathogen (10%)
- Report structure and presentation (20%)

Referencing Style

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

Submission

Online

Learning Outcomes Assessed

- Apply a systems approach to complex problem solving in occupational health. thereby acquiring an ability to extend the reach of managing risk in diverse settings.
- Identify the real problems in occupational health, including indoor and outdoor environments.
- Apply knowledge of paths of exposure and pathogenesis to the principles of monitoring of place and person.

Graduate Attributes

- Communication
- Problem Solving
- 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