



HLTH13031 Population Health Epidemiology

Term 1 - 2019

Profile information current as at 17/05/2022 02:30 pm

All details in this unit profile for HLTH13031 have been officially approved by CQU University 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 explores the importance and role of epidemiology as an approach to both public health and clinical practice. You will be able to use evidence from epidemiological investigations, to understand the distribution of health outcomes in populations and understand the influence of factors that determine this distribution. The critical function of epidemiology will be reviewed including areas of anticipated needs, identified risk conditions, definition of priorities and the use of available resources for planning and administering health care services.

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

Prereq: 72 credit points (any tertiary level units)

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 - 2019

- Online
- 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. **Presentation**

Weighting: 25%

2. **Group Discussion**

Weighting: 25%

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 Unit evaluation

Feedback

Release of material was not timely.

Recommendation

Although I think comments about this may have come from students who mistakenly believed that material released on the Thursday or Friday was late- it was for the following week- there were times when the tutorial questions were not made available at the start of the week. The reasoning behind this is that tutorials require the application of the week's unit material to a problem or activity and so students need to cover that material before starting to work on the tutorial questions. Consider releasing tutorial questions at the same time as study material in future to anticipate these complaints.

Feedback from Unit evaluation

Feedback

Video lectures were not good quality- audio was usually very low.

Recommendation

Re-record video lectures and ensure audio is enhanced.

Feedback from Personal reflection/unit delivery

Feedback

Face to face tutorials not attended and majority of students participated in asynchronous tutorial.

Recommendation

Offer a second Zoom tutorial so that more students are able to attend synchronously.

Unit Learning Outcomes

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

1. Calculate and communicate epidemiological statistics relating to the measurement of health, wellness and disease.
2. Interpret epidemiological data within theories and frameworks of social justice and cultural diversity for effective knowledge transfer and exchange.
3. Evaluate epidemiological investigations and sources of epidemiological data to identify inequities, enable change and advocate for health.
4. Argue for a population health outcome using relevant research methods and approaches.
5. Explain principles of data confidentiality and disclosure, and apply the ethical use of data.

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
1 - Presentation - 25%	●	●			

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
2 - Group Discussion - 25%			•	•	•
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	•	•	•	◦	
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 - Presentation - 25%	•	•	•	•		•		•		
2 - Group Discussion - 25%	•		•	•		•	•			

Textbooks and Resources

Textbooks

HLTH13031

Prescribed

Introduction to Epidemiology

Edition: Third (2017)

Authors: Ilona Carneiro

Open University Press

London, United Kingdom

ISBN: 978-0-335-24317-4

Binding: Paperback

Additional Textbook Information

Copies are available from the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code)

[View textbooks at the CQUniversity Bookshop](#)

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 styles below:

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)
- [Harvard \(author-date\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Lisa Bricknell Unit Coordinator

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Schedule

Week 1 - 11 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Moving from the individual to population level: introducing epidemiology and population health	Chapter 1, Carneiro, 3rd Edition	

Week 2 - 18 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Measuring health outcome frequency	Chapter 2, Carneiro, 3rd Edition	Online tutorial, Monday 18 Mar 2019 at 7pm AEST

Week 3 - 25 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
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Measures of mortality, function, and summary measures	Selected readings	Online tutorial, Monday 25 Mar 2019 at 7pm AEST
Week 4 - 01 Apr 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Measuring and interpreting association and effect	Chapters 3 and 4, Carneiro, 3rd Edition	Online tutorial, Monday 1 Apr 2019 at 7pm AEST
Week 5 - 08 Apr 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Measuring the causes and introduction to epidemiological studies' design and analysis	Chapter 5, Carneiro, 3rd Edition	Online tutorial, Monday 8 Apr 2019 at 7pm AEST
Vacation Week - 15 Apr 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Week 6 - 22 Apr 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Descriptive epidemiology	Chapter 6, Carneiro, 3rd Edition	Online tutorial, Monday 22 Apr 2019 at 7pm AEST Presentation on the impact of a health outcome Due: Week 6 Monday (22 Apr 2019) 9:00 am AEST
Week 7 - 29 Apr 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Analytic epidemiology	Chapter 7, Carneiro, 3rd Edition	Online tutorial, Monday 29 Apr 2019 at 7pm AEST
Week 8 - 06 May 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Intervention studies in population health	Chapter 8, Carneiro, 3rd Edition	Online tutorial, Monday 6 May 2019 at 7pm AEST
Week 9 - 13 May 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Beyond numbers: qualitative epidemiology	Selected readings	Online tutorial, Monday 13 May 2019 at 7pm AEST
Week 10 - 20 May 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Population health prevention strategies	Chapter 9 and 10, Carneiro, 3rd Edition	Online tutorial, Monday 20 May 2019 at 7pm AEST
Week 11 - 27 May 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Complexity and wicked problems in population health	Selected readings	Online tutorial, Monday 27 May 2019 at 7pm AEST
Week 12 - 03 Jun 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Epidemiology in practice	Chapter 11, Carneiro, 3rd Edition	Online tutorial, Monday 3 Jun 2019 at 7pm AEST
Review/Exam Week - 10 Jun 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Exam Week - 17 Jun 2019		

Assessment Tasks

1 Presentation on the impact of a health outcome

Assessment Type

Presentation

Task Description

In your professional life, you will apply your knowledge of epidemiology to describe the impact of health outcomes, the patterns of disease, or the risks of a particular outcome in your work with clients, collaborators, or to the general public. This assessment is a practical application of that scenario.

You are working for the Public Health Department of your local area within a chosen work areas (options detailed on Moodle). Your work area needs to provide a 10 minute presentation to critically outline the population health impact for one of the health issues for the Australian population. Your manager has asked you to record your presentation and send it to them to check and provide feedback. They also want you to email your slides and notes for checking.

You are to create and record a presentation (using Zoom) that describes the population health impact for one of the following health issues for the Australian population. You will need to source, interpret and communicate the current epidemiological evidence using appropriate measures.

Your presentation will need to be recorded and uploaded to the Moodle site as well as a copy of your slides and notes.

Assessment Due Date

Week 6 Monday (22 Apr 2019) 9:00 am AEST

Return Date to Students

Week 8 Monday (6 May 2019)

Weighting

25%

Minimum mark or grade

50%

Assessment Criteria

Key Criteria	Below Expectations (Fail) below 50%	Meets Expectations (Pass) 50 – 64%	Meets Expectations (Credit) 65 – 74%	Exceeds Expectations (Distinction) 75 – 84%	Exceeds Expectations (High Distinction) 85 – 100%	Weighting
Introduction	No topic, key points and/or purpose is introduced or the introduction	Topic introduced, but the introduction is underdeveloped in terms of key points and/or purpose of presentation.	Topic, key points and purpose of the presentation is introduced with clarity.	Topic, key points and purpose of the presentation is introduced in a clear and interesting way.	Topic, key points and purpose of the presentation is introduced in a clear and interesting way which captures the audience's attention.	5%
Organisation of content	Presents information in a poorly developed and illogical sequence which the audience cannot follow and/or time is poorly used (too short; too long)	Presents information and ideas at a basic level of logical sequence within the time limit but the audience generally finds it difficult to follow	Presents information and ideas at a reasonable level of logical sequence within the time limit which the audience finds difficult to follow at times.	Presents information and ideas in a logical sequence in the time limit which the audience can follow.	Uses the time limit well to present information and ideas in a logical and interesting sequence which the audience can easily follow.	10%
Pace	Delivery is too fast or too slow throughout the presentation or there are several lengthy and inappropriate pauses that detract from the audiences' understanding of the presentation.	Delivery is too fast or too slow in some parts of the presentation or there are several inappropriate pauses that detract from the audiences' understanding of the presentation.	Delivery is slightly fast or slow or there are occasional inappropriate pauses that detract from the audiences' understanding of the presentation.	Presentation at a good pace. Occasional inappropriate pauses but they do not detract from the audiences' understanding of the presentation.	Presentation at a good pace, without any inappropriate pauses.	5%

Voice	The student mumbles, incorrectly pronounces terms, is not expressive and cannot be heard by audience.	The student's voice is: not clear at times; not expressive and/or the student pronounces a number of terms incorrectly. Audience has difficulty in hearing the presentation.	The student has a clear voice, but is not expressive and/or pronounces some words incorrectly. Audience can mostly hear the presentation.	The student has a clear voice, is expressive at times during the presentation, and uses precise pronunciation of terms which enables audience to hear the presentation.	The student has a clear voice, is expressive throughout the presentation, and uses precise pronunciation of terms which enables audience to hear the presentation.	5%
Visual Aids	No visual aids are used, the visual aids are poorly designed or they are largely unrelated to the message presented.	The design of the visual aids are satisfactory or the aids are at times unrelated to the message presented.	The visual aids are well designed and effectively support the presentation.	The visual aids are well designed, confidently used and effectively support the presentation.	The visual aids are well designed and confidently used, which effectively support and add impact to the presentation.	15%
Understanding and use of epidemiological data	Poor interpretation or representation of epidemiological data. Just lists population findings, makes poor use of data, or focuses on individual aetiology of the health outcome.	Limited interpretation and representation of epidemiological data. Provides a broad description of the health issue at a population level.	Appropriate interpretation and representation of data to describe the health issue at a population level.	Appropriate interpretation and representation of epidemiological data to clearly identify patterns of health within and between populations.	Comprehensive interpretation and representation of epidemiological data to critically examine patterns of health within and between populations.	25%
Reasoning and support	Claims are typically unsupported assertions that lack sufficient supporting materials (explanations, examples, illustrations, statistics, or quotations from relevant authorities). Fails to develop arguments because of a lack of analysis. Credibility is weak due to lack of logical reasoning.	Claims are generally reasonable with variable levels of supporting materials (explanations, examples, illustrations, statistics, or quotations from relevant authorities). Arguments are under developed due to lack of analysis. Credibility is impacted due to lack of logical reasoning.	Claims are reasonable, and mostly supported using appropriate materials (explanations, examples, illustrations, statistics, or quotations from relevant authorities). The student is able to articulate arguments into the presentation. Student generally appears credible as a result of the logical reasoning.	Claims are reasonable, stated with relative clarity and supported with a variety of appropriate supporting materials (explanations, examples, illustrations, statistics, or quotations from relevant authorities). The student integrates their own analysis into the presentation. The student is seen as credible as a result of logical reasoning.	Claims are reasonable, clearly stated, and thoroughly explained with a combination of appropriate evidence and the student's own analysis. A variety of appropriate types of supporting materials (explanations, examples, illustrations, statistics, or quotations from relevant authorities) are used to develop ideas. The student establishes their credibility through use of logical reasoning and support.	20%
Conclusion	No conclusion or no links established to the introduction and body of the presentation.	The conclusion provided some links to the introduction and body of the presentation, but was not concise or unclear.	The conclusion provided links to the introduction and body of the presentation, but was not concise or unclear at times.	Clear and concise summary of the presentation with links to the introduction and body of the presentation.	Clear and concise summary with effective links to the introduction and body of the presentation.	5%
Referencing	Insufficient or inaccurate referencing in the visual aid and/or notes.	Sufficient referencing in visual aid and/or notes with less than five inaccuracies or inconsistencies.	Sufficient and accurate referencing in visual aid and/or notes with less than five inconsistencies.	Accurate and sufficient use of a consistent format of referencing.	Accurate, sufficient, and effective use of references using a consistent format.	10%

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)
- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

Students will need to upload two files to Moodle: a powerpoint presentation including speaker notes, and a recording of them presenting the work from Zoom.

Learning Outcomes Assessed

- Calculate and communicate epidemiological statistics relating to the measurement of health, wellness and disease.
- Interpret epidemiological data within theories and frameworks of social justice and cultural diversity for effective knowledge transfer and exchange.

Graduate Attributes

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

2 Tutorial Activities

Assessment Type

Group Discussion

Task Description

Tutorials allow students to develop and practice their skills in applying epidemiological and population health concepts consistent with how they will as health professionals. It fosters the development of oral and written skills, as well as group skills such as interaction and cooperation in a multi-disciplinary environment. It allows students the opportunity to reflect on issues and applications of concepts from other learning resources and demonstrate their understanding in their interactions and submitted work. Student also have the opportunity to develop respect and consideration for other's points of view as well as the capacity to critique responses from their peers in a collegial and supportive environment.

Each week students will discuss and then complete a series of structured tutorial tasks applying the epidemiological concepts and study designs learnt that week. A zoom tutorial will be held each Monday evening (7.30pm AEST) from weeks 2 to 12. Students who cannot attend the tutorial will have a forum for peer discussion and guidance in completing the activities. Students will submit six of the activities from throughout the term for assessment. Three of these will be compulsory and three can be chosen by the student. Two activities from weeks 1 to 5 will be submitted for formative assessment by 9am on Monday Mid Semester Break and the other four will be submitted for summative assessment by 9am Monday Course Review Week. These will be worth 5% and 20% of the overall mark respectively.

Assessment Due Date

Two activities from weeks 1 to 5 will be submitted for formative assessment by 9am on Monday 15 April, 2019 and the other four will be submitted for summative assessment by 9am Monday 10 June, 2019.

Return Date to Students

Assessments will be returned 2 weeks after the submission date.

Weighting

25%

Minimum mark or grade

50%

Assessment Criteria

Key Criteria	Developing (Fail) below 50%	Competent (Pass - Credit) 50 - 74%	Advanced (Distinction) 75 - 84%	Exemplary (High Distinction) 85 - 100%	Weighting
Interacts effectively within the group	Engagement is minimal or ineffective, limited to passive attendance or comments of agreement without further engagement. Interaction that is disrespectful, culturally incompetent, or argumentative.		Demonstrates active listening, and contributes to discussion and interaction through strategies such as posing questions that invite further discussion, queries assumptions, or seeks clarification in their interaction with peers. Interaction is respectful and fosters clarity, shared understanding, and mutual learning. Works collaboratively with peers to identify a plausible or defensible idea or view. Demonstrates understanding and respect of peer's different life experiences and the influence this may have, including cultural competence.		25%
Makes relevant comments	Contributes unrelated or tangential information or concepts, repeating or paraphrasing learning materials or other students' comments, focusses on less important aspects of the discussion. Claims lack support or use personal experience as evidence.		Contributes comments that focus on significant issues related to the topic at hand. These comments may elaborate on the topic, explain or examine assumptions, use analogies to illustrate understanding of the concepts. Claims are supported with scholarly evidence but may use personal experience to provide context.		20%
Articulates ideas clearly	Avoids or is unable to express ideas, explain concepts or states that ideas are complex or they are unable to articulate them.		Uses clear language and sentences to explain ideas. Takes time, when appropriate to clarify a statement or position. Comments are succinct and logical.		20%
Understanding and use of epidemiological concepts	Poor or inaccurate interpretation or representation of epidemiological concepts, including focus on individual aetiology of health outcomes.		Interprets and represents epidemiological concepts and data to identify and critically examine population health issues. Is able to examine issues from a population level, and reflects on determinants of health beyond the individual.		25%
Referencing	Insufficient or inaccurate referencing.		Accurate, sufficient, and effective use of references using a consistent format.		10%

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

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

Submission

Online

Submission Instructions

Students are to collate the activities into a single Microsoft Word file for uploading to Moodle.

Learning Outcomes Assessed

- Evaluate epidemiological investigations and sources of epidemiological data to identify inequities, enable change and advocate for health.
- Argue for a population health outcome using relevant research methods and approaches.
- Explain principles of data confidentiality and disclosure, and apply the ethical use of data.

Graduate Attributes

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

3 Funding application

Assessment Type

Written Assessment

Task Description

In your professional life, you may apply your knowledge of epidemiology to support applications for funding by your employer, either through grants or budget requests, to address health outcomes within your area. This assessment is a practical application of that scenario. The organisation your work for is applying for a grant to address the health outcome you examined in assessment 1. You are to complete an application requesting funding to conduct an evidence based population level intervention to improve public health in relation to your topic. The application requires you to use an evaluation of relevant literature to propose an appropriate evidence based approach that addresses the health issue. This is consistent with the goal of public health to ask not just "what works" but to address "what works for whom, under what circumstances, and how".

The funding body has provided a template for the application with prescribed sections and word limits to explain your proposed project.

You are to research and identify evidence based approaches to address the health outcome of interest that are suitable for the context you are implementing it in. You will need to source, interpret and communicate the current epidemiological evidence demonstrating your understanding of the different study types and how they support your claims. Your completed template, including your references, will need to be uploaded to the Moodle site.

Assessment Due Date

Exam Week Monday (17 June 2019) 9:00 am AEST

Return Date to Students

Assessments will be returned to students 2 weeks after the due date.

Weighting

50%

Assessment Criteria

Key Criteria	Below Expectations (Fail) below 50%	Meets Expectations (Pass) 50 - 64%	Meets Expectations (Credit) 65 - 74%	Exceeds Expectations (Distinction) 75 - 84%	Exceeds Expectations (High Distinction) 85 - 100%	Weighting
Overview of project	No topic, key points and/or purpose is introduced, no links to the body of the application, or it is unclear what the project will achieve.	Topic introduced, but the overview is underdeveloped in terms of key points, links to the body of the application and/or purpose of project.	Topic, key points and purpose of the project are introduced with clarity.	Topic, key points and purpose of the project are introduced in a clear and interesting way.	Topic, key points and purpose of the project are introduced in a clear and interesting way which captures the audience's attention.	10%

Communication of ideas	Does not clearly convey ideas, there are several spelling or grammatical errors, uses subjective or emotive descriptors and inappropriate style and tone.	Broadly conveys ideas but clarity would be improved by correcting errors, using appropriate academic style and tone.	Reasonably conveys ideas, may have one or two consistent spelling or grammatical errors, using mostly clear academic style and tone.	Conveys ideas logically, may have one or two consistent spelling or grammatical errors, using a clear academic style and tone.	Communicates ideas clearly and succinctly with no spelling or grammatical errors, using a well-developed academic style and tone.	15%
Organisation of content	Presents information in a poorly developed and illogical sequence inconsistent with the template, word limits not adhered to (too short; too long)	Presents information and ideas at a basic level of logical sequence consistent with the template and within the word limit but the audience generally finds it difficult to follow	Presents information and ideas at a reasonable level of logical sequence consistent with the template and within the word limit but the audience finds difficult to follow at times.	Presents information and ideas in a logical sequence consistent with the template and within the word limit which the audience can follow.	Uses the template structure and word limit well to present information and ideas in a logical and interesting sequence which the audience can easily follow.	10%
Understanding and use of epidemiological data to provide background to the issue	Poor interpretation or representation of epidemiological data. Just lists population findings, makes poor use of data, or focuses on individual aetiology of the health outcome.	Limited interpretation and representation of epidemiological data. Provides a broad description of the health issue at a population level.	Appropriate interpretation and representation of data to describe the health issue at a population level.	Appropriate interpretation and representation of epidemiological data to clearly identify patterns of health within and between populations.	Comprehensive interpretation and representation of epidemiological data to critically examine patterns of health within and between populations.	25%
Reasoning and support for project	Claims are typically unsupported assertions that lack sufficient supporting materials (explanations, examples, illustrations, statistics, or quotations from relevant authorities). Fails to develop arguments because of a lack of analysis. Credibility is weak due to lack of logical reasoning.	Claims are generally reasonable with variable levels of supporting materials (explanations, examples, illustrations, statistics, or quotations from relevant authorities). Arguments are under developed due to lack of analysis. Credibility is impacted due to lack of logical reasoning.	Claims are reasonable, and mostly supported using appropriate materials (explanations, examples, illustrations, statistics, or quotations from relevant authorities). The student is able to articulate arguments into the presentation. Student generally appears credible as a result of the logical reasoning.	Claims are reasonable, stated with relative clarity and supported with a variety of appropriate supporting materials (explanations, examples, illustrations, statistics, or quotations from relevant authorities). The student integrates their own analysis into the presentation. The student is seen as credible as a result of logical reasoning.	Claims are reasonable, clearly stated, and thoroughly explained with a combination of appropriate evidence and the student's own analysis. A variety of appropriate types of supporting materials (explanations, examples, illustrations, statistics, or quotations from relevant authorities) are used to develop ideas. The student establishes their credibility through use of logical reasoning and support.	30%
Referencing	Insufficient or inaccurate referencing.	Sufficient referencing with less than five inaccuracies or inconsistencies.	Sufficient and accurate referencing with less than five inconsistencies.	Accurate and sufficient use of a consistent format of referencing.	Accurate, sufficient, and effective use of references using a consistent format.	10%

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)
- [Harvard \(author-date\)](#)

Submission

Online

Learning Outcomes Assessed

- Calculate and communicate epidemiological statistics relating to the measurement of health, wellness and disease.
- Interpret epidemiological data within theories and frameworks of social justice and cultural diversity for effective knowledge transfer and exchange.
- Evaluate epidemiological investigations and sources of epidemiological data to identify inequities, enable change and advocate for health.
- Argue for a population health outcome using relevant research methods and approaches.
- Explain principles of data confidentiality and disclosure, and apply the ethical use of data.

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