



ESSC11001 *Physical Activity, Fitness and Health*

Term 1 - 2021

Profile information current as at 07/05/2024 09:17 am

All details in this unit profile for ESSC11001 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, you will discuss the aetiology of lifestyle-related diseases with a focus on physical activity and exercise as a prevention and treatment strategy. You will gain a basic understanding of the physiological effects of physical activity and exercise, and be able to identify interventions to improve physical activity and reduce sedentary behavior at the individual, community, and population level. You will gain fundamental knowledge and skills associated with measurement of physical activity, health and exercise, and apply this knowledge for the purpose of health-related research/study and exercise prescription.

Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

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 1 - 2021

- Cairns
- Mackay
- Mixed Mode
- Rockhampton

Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Residential Schools

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

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

Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

Class and Assessment Overview

Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

[Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

[Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Online Quiz(zes)**

Weighting: 40%

2. **Written Assessment**

Weighting: 60%

3. **On-campus Activity**

Weighting: Pass/Fail

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 coordinator reflection and in-class feedback from students

Feedback

Students often struggle with mathematical equations as math is not a prerequisite for entry into the CG85 course nor the ESSC11001 unit.

Recommendation

It is recommended unit coordinators continue to engage with the ALC to provide help with math in the future and for the ALC to deliver specific workshops to ESSC11001 students earlier in the term. This is so students are better prepared to complete their laboratory workbook during class and residential schools.

Feedback from Have your say survey

Feedback

Students commented that there was a large amount of theory to learn each week and it was often difficult to keep up with weekly readings and lectures.

Recommendation

It is recommended to review weekly content and readings to ensure they are appropriate and not overly burdensome in length and content.

Feedback from Have your say survey

Feedback

The use of case studies within the laboratory workbook enabled greater understanding of working with clients with different health conditions needs

Recommendation

Continue utilising case studies in lab workbooks and lectures to engage students with content and further develop clinical reasoning skills.

Unit Learning Outcomes

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

1. Describe the role of physical activity and sedentary behaviours in the aetiology, prevention, and management of lifestyle-related diseases with an Australian focus
2. Describe populations at risk of insufficient physical activity or sedentary behaviours, and how population, community, and individual level interventions can improve health outcomes
3. Collect and interpret physical fitness and health measurements obtained during practical sessions or case studies
4. Apply the elements of exercise prescription and delivery principles
5. Demonstrate professional practice and ethical behaviour expected in exercise and sport science settings.

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 - Online Quiz(zes) - 40%	•	•			
2 - Written Assessment - 60%	•	•	•	•	
3 - On-campus Activity - 0%			•	•	•

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 - Online Quiz(zes) - 40%		•	•	•		•		•		
2 - Written Assessment - 60%	•	•	•	•		•	•	•	•	
3 - On-campus Activity - 0%	•			•	•		•	•		

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)
- Computer - ability to access study materials, including instructional videos and scan and upload assessment.
- Microsoft Office or equivalent (wordprocessing)
- Printer for printing assessment

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 7th Edition \(APA 7th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Joshua Guy Unit Coordinator

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Sam Fien Unit Coordinator

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Schedule

Week 1 - 08 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Physical activity, fitness and health, and the Australian healthcare system	Readings available on ESSC11001 Moodle page	

Week 2 - 15 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Pre-screening assessment and body composition	Readings available on ESSC11001 Moodle page	

Week 3 - 22 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Exercise guidelines, behaviour change, and cardiorespiratory assessment	Readings available on ESSC11001 Moodle page	

Week 4 - 29 Mar 2021

Module/Topic	Chapter	Events and Submissions/Topic
Training methodology	Readings available on ESSC11001 Moodle page	Quiz 1 <i>Opens</i> Week 4 Tuesday (30 Mar. 2021) 9:00 am AEST <i>Closes</i> Week 4 Thursday (1 Apr. 2021) 5:00 pm AEST

Week 5 - 05 Apr 2021		
Module/Topic	Chapter	Events and Submissions/Topic
Cardiorespiratory training and adaptations	Readings available on ESSC11001 Moodle page	
Vacation Week - 12 Apr 2021		
Module/Topic	Chapter	Events and Submissions/Topic
No lecture	No readings	
Week 6 - 19 Apr 2021		
Module/Topic	Chapter	Events and Submissions/Topic
Strength training and adaptations	Readings available on ESSC11001 Moodle page	
Week 7 - 26 Apr 2021		
Module/Topic	Chapter	Events and Submissions/Topic
Exercise prescription and delivery	Readings available on ESSC11001 Moodle page	
Week 8 - 03 May 2021		
Module/Topic	Chapter	Events and Submissions/Topic
Training for other elements of fitness	Readings available on ESSC11001 Moodle page	
Week 9 - 10 May 2021		
Module/Topic	Chapter	Events and Submissions/Topic
Exercise and lifestyle-related diseases	Readings available on ESSC11001 Moodle page	<p>Quiz 2 <i>Opens</i> Week 9 Tuesday (11 May 2021) 9:00 am AEST <i>Closes</i> Week 9 Thursday (13 May 2021) 5:00 pm AEST Mixed-mode students only: Compulsory residential school held at Rockhampton North Campus. End of Week 9, Saturday and Sunday (15 and 16 May 2021) 8:15 am - 4:00 pm AEST.</p>
Week 10 - 17 May 2021		
Module/Topic	Chapter	Events and Submissions/Topic
Lifetime fitness	Readings available on ESSC11001 Moodle page	
Week 11 - 24 May 2021		
Module/Topic	Chapter	Events and Submissions/Topic
Public health and community programs	Readings available on ESSC11001 Moodle page	
Week 12 - 31 May 2021		
Module/Topic	Chapter	Events and Submissions/Topic
Review	No readings	Laboratory Workbook Due: Week 12 Friday (4 June 2021) 5:00 pm AEST
Review/Exam Week - 07 Jun 2021		
Module/Topic	Chapter	Events and Submissions/Topic
		<p>Quiz 3 <i>Opens</i> Review/Exam Week Tuesday (8 Jun. 2021) 9:00 am AEST <i>Closes</i> Review/Exam Week Thursday (10 Jun. 2021) 5:00 pm AEST</p>

Term Specific Information

On-campus laboratory activity

Students enrolled "on-campus" (Rockhampton, Mackay, and Cairns)

For on-campus students there are six 3-hour laboratory sessions, to be held throughout the term. Please check the CQUniversity Handbook or the ESSC11001 Moodle page for campus specific dates and times.

Attendance to all on-campus laboratory activities is compulsory.

Student enrolled "mixed-mode"

Mixed-mode students are required to attend a two (2) day residential school as a part of this unit to complete their on-campus activity in the form of a residential school. The residential school for this unit will be held at the Rockhampton North Campus from 8:15am - 4:00pm on Saturday 15th May and Sunday 16th May, 2021 (End of Week 9).

Attendance at the residential school is compulsory.

All students should meet inside Building 81 on the basketball court (Rockhampton North Campus) at 8:15 am sharp on the Saturday morning. As a group, we will then head to our classroom/s.

Additional information regarding residential school, such as accommodation options, campus map, overview of daily schedule, etc. is available on the ESSC11001 Moodle page.

Assessment Tasks

1 Online Quiz(zes)

Assessment Type

Online Quiz(zes)

Task Description

The Online Quiz will comprise three (3) separate online quizzes consisting of multiple choice questions.

Each Online Quiz is to be completed on your own using multiple resources to help answer the questions. It is your responsibility to log on to Moodle and complete each online quiz during the time each quiz is available. In the absence of an approved extension there will be no late submissions allowed for any of the online quizzes that make up this assessment item. Online Quiz 1 will contain 20 questions and you will have 25 minutes to complete, whilst online Quiz 2 and 3 will each contain 30 questions and you will have 40 minutes to complete. Online quizzes should be completed on a computer, as attempting the quiz on a smartphone can result in your session being ended in the event of a phone call or notification. You can only attempt each online quiz once and it must be completed in a single session. You cannot save your answers and return at a later time.

Online Quiz 1 (10% of final grade)

Online Quiz 1 will be held in Week 4 and will assess content from Weeks 1 - 3 (inclusive). Online Quiz 1 questions will be related to lectures and compulsory readings associated with Weeks 1 - 3 (inclusive).

- Open date: Week 4 Tuesday (30 Mar. 2021) 9:00 am AEST.
- Close date: Week 4 Thursday (1 Apr. 2021) 5:00 pm AEST.

Online Quiz 2 (15% of final grade)

Online Quiz 2 will be held in Week 9 and will assess content from Weeks 4 - 7 (inclusive). Online Quiz 2 questions will be related to lectures and compulsory readings associated with Weeks 4 - 7 (inclusive).

- Open date: Week 9 Tuesday (11 May 2021) 9:00 am AEST.
- Close date: Week 9 Thursday (13 May 2021) 5:00 pm AEST.

Online Quiz 3 (15% of final grade)

Online Quiz 3 will be held in Review/Exam Week and will assess content from Weeks 8 - 11 (inclusive). Online Quiz 3 questions will be related to lectures and compulsory readings associated with Weeks 8 - 11 (inclusive).

- Open date: Review/Exam Week Tuesday (8 Jun. 2021) 9:00 am AEST.
- Close date: Review/Exam Week Thursday (10 Jun. 2021) 5:00 pm AEST.

Number of Quizzes

3

Frequency of Quizzes

Other

Assessment Due Date

The due date for each quiz is specified in the Task Description above.

Return Date to Students

Marks will be made available immediately after you have completed each online quiz. The answers to each question will become available following the closure of each quiz.

Weighting

40%

Assessment Criteria

Questions will be graded as correct/incorrect via the Moodle online quiz system, and tabulated to give you your mark for each online quiz. All questions are weighted equally across all online quizzes.

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Submission Instructions

Quizzes will be accessed and completed through the ESSC11001 Moodle page and you are required to complete each quiz within the specified times that each quiz is open. Quizzes should be completed on a computer, as attempting a quiz on a smartphone can result in your session being ended in the event of a phone call or notification. In the absence of an approved extension, you will not be allowed to attempt a quiz once it is closed and you will receive a zero for that quiz.

Learning Outcomes Assessed

- Describe the role of physical activity and sedentary behaviours in the aetiology, prevention, and management of lifestyle-related diseases with an Australian focus
- Describe populations at risk of insufficient physical activity or sedentary behaviours, and how population, community, and individual level interventions can improve health outcomes

Graduate Attributes

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

2 Laboratory Workbook

Assessment Type

Written Assessment

Task Description

Your laboratory workbook will be completed as a result of your attendance and participation in the on-campus activity (weekly labs for on-campus students or residential school for mixed-mode students). There are two parts to the laboratory workbook. Part A links to knowledge demonstrated, skills and data related to each laboratory component of the on-campus activity. Part B includes short answer written responses relating to theoretical and practical content that is delivered throughout this unit, and should be completed individually.

Assessment Due Date

Week 12 Friday (4 June 2021) 5:00 pm AEST

In the absence of an approved extension, any submissions received after the due date will incur penalties in accordance with the CQUniversity Assessment Policy and Procedure (Higher Education Coursework)

Return Date to Students

Exam Week Friday (18 June 2021)

Your laboratory workbook mark will be returned via the ESSC11001 Moodle page within two weeks of the due date.

Weighting

60%

Assessment Criteria

Grades for this assessment will be based on the correctness of answers using data collected during the laboratory sessions, as well as written responses based on unit content. The laboratory workbook will consist of questions pertaining to the following areas of physical activity, fitness and health:

- Health screening and anthropometry
- Indirect cardiorespiratory assessment
- Cardiorespiratory training and monitoring
- Strength assessment, training and monitoring
- Muscular endurance, flexibility, speed, agility and balance
- Functional assessments
- Physical activity and health guidelines, applications, interventions, and best practice
- The structure and role of healthcare systems in Australia

The laboratory workbook (Part A and Part B) must be submitted as one typed document using the word template provided on the ESSC11001 Moodle page. Any section of the workbook that contains copies of handwritten notes will not be marked. Answers should be correctly referenced where appropriate, and a reference list should be included at the end of the workbook.

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Submission Instructions

You are to submit your laboratory workbook via the ESSC11001 Moodle page in word format using the template provided (.doc or .docx), all answers should be typed. Handwritten responses will receive a mark of zero (0).

Learning Outcomes Assessed

- Describe the role of physical activity and sedentary behaviours in the aetiology, prevention, and management of lifestyle-related diseases with an Australian focus
- Describe populations at risk of insufficient physical activity or sedentary behaviours, and how population, community, and individual level interventions can improve health outcomes
- Collect and interpret physical fitness and health measurements obtained during practical sessions or case studies
- Apply the elements of exercise prescription and delivery principles

Graduate Attributes

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

3 On-campus laboratory activity

Assessment Type

On-campus Activity

Task Description

It is compulsory to attend and actively participate in your designated laboratory sessions in this unit. Laboratory sessions will be held during specified weeks across term for on-campus students and during a 2-day residential school for mixed-mode students.

Assessment Due Date

Attendance at laboratory sessions will be completed across specified weeks of term for on-campus students or at the residential school for mixed-mode students. Please refer to your timetable for times and locations.

Return Date to Students

Attendance will be taken during all laboratory sessions and students will be immediately awarded a Pass or Fail grade following complete attendance or failure to attend all sessions, respectively.

Weighting

Pass/Fail

Minimum mark or grade

PASS

Assessment Criteria

Attendance at all designated laboratory sessions with sufficient participation will result in a passing grade for this assessment. Failure to attend and adequately participate may result in a fail grade for this assessment item, and being unable to pass this unit. Attendance at each laboratory session will be facilitated by staff members managing the sessions, and you will be required to sign an attendance form for each activity and complete specific sections of your laboratory workbook. Failure to sign this form and complete sections of your workbook will result in an "absent" being recorded. If you miss a laboratory session without an approved reason, there will NOT be an opportunity to simply 'catch up' at any time. The Assessment Policy and Procedure (Higher Education Coursework) outlines acceptable reasons for adjusting assessment. This section of the policy is relevant in cases where you fail to attend a required laboratory session within this unit. If you do not attend and provide a valid reason, with supporting documentation, then an attempt to make alternate arrangements will be made (for example a 'catch up' session at a suitable time or an alternative assessment/task) in consultation with the Unit Coordinator.

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Offline

Submission Instructions

You are required to mark your attendance at each laboratory sessions and have your workbook checked by a member of staff to ensure you have completed the appropriate section of your workbook for that laboratory session.

Learning Outcomes Assessed

- Collect and interpret physical fitness and health measurements obtained during practical sessions or case studies
- Apply the elements of exercise prescription and delivery principles
- Demonstrate professional practice and ethical behaviour expected in exercise and sport science settings.

Graduate Attributes

- Communication
- Information Literacy
- Team Work
- 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