



ESSC12008 *Applied Exercise and Sport* **Biomechanics** Term 2 - 2024

Profile information current as at 29/07/2024 03:33 pm

All details in this unit profile for ESSC12008 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 builds upon content from previous units to extend your understanding of biomechanics as it relates to human movement. In this unit, you will explore areas of musculoskeletal mechanics, biomechanics of locomotion, and the application of biomechanical principles to sports, and strength and conditioning. Through practical activities, you will develop skills necessary to conduct advanced biomechanical analyses as well as develop your ability to think critically about biomechanical data and research.

Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 10

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisite Units: ESSC12004 Exercise and Sport Biomechanics AND ESSC11002 Measurement and Evaluation Co-

requisite Unit: ESSC13007 Functional Anatomy OR ESSC12010 Functional Anatomy

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 - 2024

- Cairns
- Mackay City
- 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: 20%

2. **Written Assessment**

Weighting: 20%

3. **Portfolio**

Weighting: 60%

4. **Practical Assessment**

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 SUTE

Feedback

Students comment that the volume of content is high and sometimes relevance to real-world application is unclear

Recommendation

It is recommended that content be reviewed, particularly to ensure continued alignment with external accreditation requirements.

Unit Learning Outcomes

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

1. Identify the key components and uses of biomechanics equipment and measurement techniques relevant to evaluate human movement
2. Collect and critically analyse data using various pieces of biomechanics equipment to measure and evaluate human movement during a variety of activities
3. Communicate outcomes of biomechanical analyses and intervention strategies relevant to sports and exercise
4. Critically appraise biomechanics data and research by integrating knowledge from other sub-disciplines in exercise science.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Quiz(zes) - 20%	•			
2 - Written Assessment - 20%	•			•
3 - Portfolio - 60%		•	•	•
4 - Practical Assessment - 0%		•	•	

Alignment of Graduate Attributes to Learning Outcomes

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

Textbooks and Resources

Textbooks

ESSC12008

Supplementary

Biomechanical Evaluation of Movement in Sport and Exercise The British Association of Sport and Exercise Sciences Guide

Edition: 2nd (2017)

Authors: Carl Payton (Editor)

Taylor & Francis Ltd

London , United Kingdom

ISBN: 9780415632669

Binding: Paperback

[View textbooks at the CQUniversity Bookshop](#)

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Microphone and camera for use with Zoom
- Adobe Acrobat Reader (or similar) software for viewing PDF documents
- Endnote bibliographic software. This is optional for formatting references.
- Zoom videoconferencing software. A Zoom account is available with your student credentials
- Microsoft Office (Word, Excel, PowerPoint) or similar software such as Open Office
- LabChart Reader

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

Geoff Warman Unit Coordinator

g.warman@cqu.edu.au

Schedule

Week 1 - 08 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
Musculoskeletal Mechanics I	Online Readings - see eReading List on Moodle	

Week 2 - 15 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
Musculoskeletal Mechanics II	Online Readings - see eReading List on Moodle	

Week 3 - 22 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
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Concepts in Signal Processing
Quantifying Human Movement I

Online Readings - see eReading List
on Moodle

Week 4 - 29 Jul 2024

Module/Topic	Chapter	Events and Submissions/Topic
Quantifying Human Movement II	Online Readings - see eReading List on Moodle	

Week 5 - 05 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
Quantifying Human Movement III	Online Readings - see eReading List on Moodle	Quiz 1 Opens: Week 5 Friday (9 Aug 2024) 8:00 am AEST

Vacation Week - 12 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
		Quiz 1 Closes: Vacation Week Friday (16 Aug 2024) 5:00 pm AEST

Week 6 - 19 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
Using Wearable Technology in Sport	Online Readings - see eReading List on Moodle	

Week 7 - 26 Aug 2024

Module/Topic	Chapter	Events and Submissions/Topic
Assessing Athlete Capabilities I	Online Readings - see eReading List on Moodle	

Week 8 - 02 Sep 2024

Module/Topic	Chapter	Events and Submissions/Topic
Assessing Athlete Capabilities II	Online Readings - see eReading List on Moodle	Journal Article Critique Due: Week 8 Friday (6 Sept 2024) 5:00 pm AEST

Week 9 - 09 Sep 2024

Module/Topic	Chapter	Events and Submissions/Topic
Biomechanical Considerations for Exercise Prescription	Online Readings - see eReading List on Moodle	

Week 10 - 16 Sep 2024

Module/Topic	Chapter	Events and Submissions/Topic
Biomechanics of Locomotion I	Online Readings - see eReading List on Moodle	

Week 11 - 23 Sep 2024

Module/Topic	Chapter	Events and Submissions/Topic
Biomechanics of Locomotion II	Online Readings - see eReading List on Moodle	Quiz 2 Opens: Week 11 Friday (27 September 2024) 8:00 am AEST

Week 12 - 30 Sep 2024

Module/Topic	Chapter	Events and Submissions/Topic
		Quiz 2 Closes: Week 12 Friday (4 Oct 2024) 5:00 pm AEST

Review/Exam Week - 07 Oct 2024

Module/Topic	Chapter	Events and Submissions/Topic
		Portfolio Due: Review/Exam Week Monday (7 Oct 2024) 5:00 pm AEST

Exam Week - 14 Oct 2024

Module/Topic	Chapter	Events and Submissions/Topic
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Term Specific Information

Compulsory On-campus Activity Information

This unit includes compulsory on-campus activities (residential school). You must attend the residential school specific to your mode of enrolment as outlined below. If you prefer to attend an alternate session to that specified for your enrolment mode, please contact the Unit Coordinator to discuss attendance at an alternative residential school. Please see the CQUniversity Handbook and the ESSC12008 Moodle site for up-to-date information. Please ensure you complete your class registration via [MyCQU](#).

Rockhampton (ROK) and mixed-mode (MIX) students:

The Rockhampton residential school is scheduled in Week 6 (Wednesday and Thursday, 21 and 22 August, 2024) at the Exercise and Sport Science Labs located on the Rockhampton North Campus (Building 81).

Mackay (MKY or MKC) and mixed-mode (MIX) students:

The Mackay residential school is scheduled in Week 7 (Monday and Tuesday, 26 and 27 August, 2024) at the Exercise and Sport Science Labs located on the Mackay City Campus (Building 4).

Cairns (CNS) and mixed-mode (MIX) students:

The Cairns residential school is scheduled in Week 7 (Thursday and Friday, 29 and 30 August, 2024) at the Exercise and Sport Science Labs located at Cairns Basketball Association Headquarters (289 Aumuller St.).

Note for mixed-mode (MIX) students:

Students enrolled via MIX may attend any residential school option; however, it is preferred that you attend the residential school as specified above based on your geographic location. If the residential school in which you register reaches the cap number, and you do not live in the surrounding area, you may be reallocated to a different residential school. This is due to limited teaching and space resources across each campus. We aim to finalise residential school allocations by the end of Week 2, but this is dependent on students completing class registration via [MyCQU](#).

Assessment Tasks

1 Online Quizzes

Assessment Type

Online Quiz(zes)

Task Description

The Online Quizzes Assessment comprises of two (2) online quizzes consisting of multiple choice, fill-in-the-blank, labelling, and matching questions. Each online quiz is to be completed on your own. You may use 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. Online quizzes should be completed on a computer as some questions do not work well on mobile devices such as smartphones and tablets. In addition, attempting the quiz on a smartphone can result in your session being ended in the event of a phone call or notification.

NOTE: 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.

Quiz 1 (10% of final grade)

Quiz 1 will assess content related to lectures, tutorials, and compulsory readings/videos from Weeks 1 - 5 (inclusive).

Quiz 1 will contain 20 questions and you will have 30 minutes to complete this quiz. You can only attempt Quiz 1 once and it must be completed in a single session. You cannot save your answers and return to this quiz at a later time. The quiz will be available during the following times, please ensure you complete the quiz prior to the Close Date.

Open Date: Week 5 Friday (9 Aug 2024) 8:00 am AEST

Close Date: Vacation Week Friday (16 Aug 2024) 5:00 pm AEST

Quiz 2 (10% of final grade)

Quiz 2 will assess content related to lectures, tutorials, and compulsory readings/videos from Weeks 6 - 11 (inclusive).

Quiz 2 will contain 20 questions and you will have 30 minutes to complete this quiz. You can only attempt Quiz 2 once and it must be completed in a single session. You cannot save your answers and return to this quiz at a later time. The quiz will be available during the following times, please ensure you complete the quiz prior to the Close Date.

Open Date: Week 11 Friday (27 September 2024) 8:00 am AEST

Close Date: Week 12 Friday (4 Oct 2024) 5:00 pm AEST

AI Statement: The use of generative AI is not allowed for this assessment item. This assessment item is to be completed individually.

Number of Quizzes

2

Frequency of Quizzes

Other

Assessment Due Date

Due dates for each quiz are as per the Task Description. In the absence of an approved extension, no attempts will be permitted after the specified due dates.

Return Date to Students

You will receive the overall result for each quiz upon completion; however, you will see feedback regarding the correct answers for each question upon closure of each quiz.

Weighting

20%

Assessment Criteria

Responses to quiz questions will be marked as correct or incorrect by the Moodle Online Quiz System and tabulated to give your mark for each quiz. For questions with text-based responses (e.g. fill-in-the-blank) you should take care with spelling (Australian English) and grammar, as answers are spelling and grammar sensitive.

Referencing Style

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

Submission

Online

Submission Instructions

You must log on to Moodle and complete the quiz during the time the quiz is available. A link to each quiz can be found on the Moodle site. Once you have completed the quiz, you must click the 'Submit all and finish' button to submit your responses. When the time limit of the quiz expires, any open attempts will be submitted automatically.

Learning Outcomes Assessed

- Identify the key components and uses of biomechanics equipment and measurement techniques relevant to evaluate human movement

Graduate Attributes

- Problem Solving
- Information Literacy
- Information Technology Competence

2 Journal Article Critique

Assessment Type

Written Assessment

Task Description

For this assessment, you will complete a journal article critique. The journal article critique will assess your ability to critically read and analyse published literature. To commence this assessment task, select one (1) journal article from the choices provided on the ESSC12008 Moodle site. You must confirm your article selection via the CHOICE Question on the ESSC12008 Moodle site. Article selection is on a first come first served basis and there will be a maximum number of students able to select each article. If you cannot select your preferred article from the list due to the maximum number of students already choosing that article, please select a different article. Please make your selection by Week 3 Wednesday 24 July 2023. After this time, an article will be assigned to you.

Your critique should include a brief summary (250 words maximum) of the article and then provide a written critique (1250 words maximum). The brief summary should identify the research aim(s), and summarise the methods, outcome measures of interest, results, and conclusions. The written critique should assess whether the authors have clearly described and supported each key component of the article by discussing the strengths and weaknesses of each component. Your critique should finish with a summary that focuses on one key result and describes the practical implications of the findings for you as an exercise scientist.

Further information and a series of questions will be provided on the ESSC12008 Moodle site to help guide your critique. Please refer to the following guidelines to assist in the completion of your assessment:

- **Word Count:** Brief summary (250 words maximum); Written critique (1250 words maximum).
- **Formatting:** Your submission is to be double-spaced, with 2.54 cm margins on all sides and all pages numbered consecutively. Use 12-point Times New Roman, Arial, or Calibri font, and set the text alignment to justify. You may use subheadings to separate each of the key components.

- **Referencing:** Use references wherever they are needed (this may be a reference for the selected article, or it may be for other sources to support information in your critique). American Psychological Association (APA) 7th edition referencing style is to be used.
- **Submission:** Your critique should be presented in a single document and submitted as a Word (.doc or .docx) or PDF (.pdf) file via the submission link on the ESSC12008 Moodle site. Only .doc, .docx, and .pdf formats will be accepted. You will not be able to submit other file formats. In addition, files submitted via email (or any other means beyond the Moodle submission link) will not be marked.

AI Statement: The use of generative AI is not allowed for this assessment item. This assessment item is to be completed individually.

Assessment Due Date

Week 8 Friday (6 Sept 2024) 5:00 pm AEST

Assessments submitted after the due date, without an approved extension, will incur late penalties in accordance with CQUniversity's Assessment Policy and Procedure (Higher Education Coursework). Assessments will not be accepted for grading after 5:00 pm AEST on Tuesday 26 September 2023 (unless there is an approved extension).

Return Date to Students

Marks and feedback will be returned two weeks after due date.

Weighting

20%

Assessment Criteria

Marks will be awarded based on: relevance of content and level of detail in the each section of the critique; general writing style (i.e. logical flow of information, clarity/conciseness of writing, and use of appropriate terminology); adherence to assessment guidelines; spelling and grammar; and use of APA referencing style. A marking rubric will be provided on the ESSC12008 Moodle site for further guidance.

Referencing Style

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

Submission

Online

Submission Instructions

You are required to submit your assessment electronically via the Journal Article Critique submission link on the ESSC12008 Moodle site. Your assessment is to be submitted as a Word (.doc or .docx) or PDF (.pdf) file. The Unit Coordinator must receive an acceptable file via the Moodle submission link that is viewable/readable. If an unacceptable/corrupt file is submitted, your assessment will be considered late until an acceptable file is submitted and penalties will be incurred in accordance with CQUniversity's Assessment Policy and Procedure (Higher Education Coursework). NOTE: Files submitted via email (or any other means beyond the Moodle submission link) will not be marked.

Learning Outcomes Assessed

- Identify the key components and uses of biomechanics equipment and measurement techniques relevant to evaluate human movement
- Critically appraise biomechanics data and research by integrating knowledge from other sub-disciplines in exercise science.

Graduate Attributes

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

3 Portfolio

Assessment Type

Portfolio

Task Description

Part A - Data Analysis (20% of overall grade)

For this part of the portfolio, you will be provided with sample data from various pieces of equipment used in biomechanics (i.e., force plate, isokinetic dynamometer, electromyography). You will then analyse the data and complete a series of questions pertaining to the provided data.

Part B - Case Study (40% of overall grade)

For this part of the portfolio, you will be provided a case study describing an athlete testing/training scenario as well as data associated with the scenario. You will need to analyse and interpret the data to determine what fitness element of the athlete's training needs to be developed (i.e., strength, speed, power etc). Based on your analysis and interpretation, you will then recommend two (2) drills and/or exercises for the athlete.

Your submission will include:

- An Excel (.xls or .xlsx) file that includes a summary of your Part A data analysis (with LabChart screenshots, as required)
- A Word (.doc or docx) or PDF (.pdf) file that includes:
 - Responses to Part A questions (the word count for each question will be specified within the assessment instructions); and
 - A report (750 words maximum) summarising Part B data analysis and interpretation and a description of two (2) drills and/or exercises with rationale for their selection.
- A video (.avi, .mp4, or .wav) file (maximum 10 minutes) that includes you instructing an 'athlete' how to perform the two (2) drills and/or exercises that you selected for the athlete in Part B. For each drill/exercise, your video recording should include:
 - You instructing the 'athlete' how to complete the drill/exercise;
 - You providing at least three (3) succinct verbal cues to ensure that your 'athlete' in the video can complete the exercise safely and effectively; and
 - The 'athlete's' performance with you providing feedback on performance and corrective cues (as required).

AI Statement: The use of generative AI is not allowed for this assessment item. This assessment item is to be completed individually.

Assessment Due Date

Review/Exam Week Monday (7 Oct 2024) 5:00 pm AEST

Assessments submitted after the due date, without an approved extension, will incur late penalties in accordance with CQUniversity's Assessment Policy and Procedure (Higher Education Coursework). Assessments will not be accepted for grading after 8:00 am AEST on Friday 20 October 2023 (unless there is an approved extension).

Return Date to Students

Marks and feedback will be returned to students within 2 weeks of submission.

Weighting

60%

Assessment Criteria

Part A Data analysis (20% of overall grade) - Marks will be awarded based on correctness of analysis methods and responses to set questions.

Part B Case study (40% of overall grade) - Marks will be award based on correctness of data analysis and interpretation, description of the drills/exercises, rationale for drill/exercise selection, clarity of drill/exercise demonstrations, use of appropriate supporting evidence, spelling and grammar, and general writing style (clarity/conciseness of writing and use of appropriate terminology).

A marking rubric will be provided on the ESSC12008 Moodle site for further guidance.

Referencing Style

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

Submission

Online

Submission Instructions

You are required to submit your assessment electronically via the Portfolio submission link on the ESSC12008 Moodle site. Your submission for this assessment will include an Excel (.xls or .xlsx) file (PART A); a Word (.doc or .docx) or PDF (.pdf) file (PART A - response to questions and PART B - written report); and maximum 2 video (.mp4, .avi, .mov, or .wmv) files (Part B - drill/exercise demonstrations - these may be as one file or as a separate file for each drill/exercise). The Unit Coordinator must receive acceptable files via the Moodle submission link that are viewable/readable. If an unacceptable/corrupt file is submitted, your assessment will be considered late until an acceptable file is submitted and penalties will be incurred in accordance with CQUniversity's Assessment Policy and Procedure (Higher Education Coursework). NOTE: Files submitted via email (or any other means beyond the Moodle submission link) will not be marked.

Learning Outcomes Assessed

- Collect and critically analyse data using various pieces of biomechanics equipment to measure and evaluate human movement during a variety of activities
- Communicate outcomes of biomechanical analyses and intervention strategies relevant to sports and exercise
- Critically appraise biomechanics data and research by integrating knowledge from other sub-disciplines in exercise science.

Graduate Attributes

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

4 Practical Assessment

Assessment Type

Practical Assessment

Task Description

This assessment item is linked to your attendance and participation in the compulsory on-campus activities associated with this unit. As such, you are required to attend one (1) of the timetabled on-campus residential schools. Different residential schools are available depending on your mode of enrolment (i.e. ROK, MIX, MKY, CNS) and you must attend the residential school based on your enrolment (unless arrangements have been made with the Unit Coordinator). Further details regarding the residential schools can be found in the Term Specific Information section of this Unit Profile, on the ESSC12008 Moodle site, and via the [CQUniversity Handbook](#).

During the on-campus residential school, you will undertake a series of practical activities, which will develop your hands-on skills related to collecting and interpreting biomechanics data. You will then be assessed on your ability to correctly set up equipment and participants; provide participants with instructions; and collect data.

Assessment Due Date

There is no formal submission required for this assessment. The due date above reflects the end of the final on-campus residential school.

Return Date to Students

You will receive feedback during the on-campus residential school as to your performance and mark for this assessment.

Weighting

Pass/Fail

Minimum mark or grade

Pass

Assessment Criteria

There are three (3) criteria that must be met to pass this assessment item:

1. **Attendance** - You must attend the entire on-campus residential school. Attendance will be monitored through signing laboratory attendance sheets which will be facilitated by the teaching staff. Please note, there may be multiple attendance sheets to sign.
2. **Active Participation** - Teaching staff instructing each session will monitor your participation during each practical task and ensure you meet the criteria in the Laboratory Participation Checklist. To meet the criteria for 'active participation' you must complete each item in the Laboratory Participation Checklist. A copy of the Laboratory Participation Checklist will be included in the Laboratory Workbook which will be made available on the ESSC12008 Moodle site.
3. **Skill Competency** - Teaching staff with knowledge and expertise in the field will use a Competency Checklist to evaluate your ability to correctly set up equipment and participants; provide participants with instructions; and collect data. For each assessed practical activity you must achieve 60% or higher, including a "pass" for all mandatory risk/safety management components within the Competency Checklist. A copy of the Competency Checklist will be made available on Moodle. If you fail to pass any of the skill competencies, you will be provided with one reattempt. The reattempt will take place on the afternoon of the final day of the residential school/laboratory block session. You must pass all items to receive a "pass" grade for this assessment task.

Please note:

- If you miss a session without an approved reason, it will result in a 'Fail' on this assessment item.

- If you are unable to attend one of the on-campus residential schools, and provide a valid reason with supporting documentation, then an attempt to make alternate arrangements will be made in consultation with the Deputy Dean Learning and Teaching or equivalent manager. The CQUniversity Assessment Policy and Procedure (Higher Education Coursework) outlines acceptable reasons for adjustments to assessment.

Referencing Style

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

Submission

No submission method provided.

Submission Instructions

You do not need to submit any documents for this assessment item. Teaching staff will monitor your attendance and participation, as well as assess your skill competencies during the on-campus residential school.

Learning Outcomes Assessed

- Collect and critically analyse data using various pieces of biomechanics equipment to measure and evaluate human movement during a variety of activities
- Communicate outcomes of biomechanical analyses and intervention strategies relevant to sports and exercise

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- 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