



ESSC12008 *Applied Exercise and Sport* *Biomechanics* Term 2 - 2019

Profile information current as at 20/04/2024 04:33 am

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 is designed to build upon content from previous semesters and extend the students understanding of the role of musculoskeletal biomechanics with application to sport, work and the clinical and rehabilitation settings. Students will develop advanced kinematic and kinetic measurement and data analysis techniques to assess human motion. Students will develop, collect and present a biomechanics research project related to their professional field. Note: All flexible enrolled students are required to attend a compulsory Applied Exercise and Sport Biomechanics residential school to promote development of unit learning outcomes.

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

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 - 2019

- 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: 20%

2. **Written Assessment**

Weighting: 15%

3. **Portfolio**

Weighting: 65%

4. **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 Student feedback

Feedback

Positive comments on unit structure and engagement with staff

Recommendation

Continue with the broad format of the unit with the intention of further developing the assessment for the written research manuscript.

Feedback from Student feedback

Feedback

Students suggested the Moodle site could be easier to navigate

Recommendation

The Moodle site for ESSC12008 will be improved to assist with navigation.

Unit Learning Outcomes

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

1. Explain the various equipment and measurement techniques used to evaluate biomechanics of human movement
2. Develop a biomechanical research project to solve problems or answer challenges that one might encounter in the real world
3. Complete data collection using various biomechanics equipment to measure and evaluate human movement
4. Critically analysis biomechanical data in relation to measurement of human motion
5. Interpret outcomes of biomechanics research project by integrating knowledge in the areas of biomechanics, motor learning and anatomy/physiology

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Online Quiz(zes) - 20%	•				
2 - Written Assessment - 15%		•			
3 - Portfolio - 65%				•	•
4 - 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) - 20%		•	•	•		•				
2 - Written Assessment - 15%	•	•	•	•		•	•	•		
3 - Portfolio - 65%	•		•	•	•	•				
4 - On-campus Activity - 0%	•	•	•	•	•	•		•		

Textbooks and Resources

Textbooks

ESSC12008

Prescribed

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

Additional Textbook Information

This is a new edition for 2019. If you prefer a paper copy, you can purchase one at 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)
- Zoom Video Conferencing Application
- Microsoft Office (including Word, Excel and Powerpoint)

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Brendan Humphries Unit Coordinator

b.humphries@cqu.edu.au

Crystal Kean Unit Coordinator

c.kean@cqu.edu.au

Schedule

Week 1 - 15 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Research Design and Signal Processing	Online Readings	

Week 2 - 22 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
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Principles of Force Plates and Isokinetic Dynamometry

Chapter 6: Force and Pressure Measurement
Chapter 8: Isokinetic Dynamometry

Online Readings

Week 3 - 29 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Principles of Electromyography (EMG)	Chapter 7: Surface Electromyography Online Readings	Online Quiz 1 Open: Week 3 Monday (29 July 2019) 9:00 am AEST

Week 4 - 05 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Principles of 2D and 3D Motion Analysis	Chapter 4: Motion Analysis Using Video Chapter 5: Motion Analysis Using Online Systems Online Readings	Online Quiz 1 Due: Week 4 Monday (5 August 2019) 5:00 pm AEST

Week 5 - 12 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Principles of Ballistic Measurement System and Accelerometers	Online Readings	Online Quiz 2 Open: Week 5 Monday (12 August 2019) 9:00 am AEST

Vacation Week - 19 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - 26 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Research Design	Chapter 10: Research Methods Online Readings	Online Quiz 2 Due: Week 6 Monday (26 August 2019) 5:00 pm AEST

Week 7 - 02 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Excel Data Analysis, Statistics, Interpretation and Presenting Results	Online Readings	Research Proposal Due: Week 7 Monday (2 September 2019) 5:00 pm AEST

Week 8 - 09 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Presentation Tips	Online Readings	

Week 9 - 16 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Manuscript Preparation Tips	Online Readings	

Week 10 - 23 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Research Updates and Support		

Week 11 - 30 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Unit Overview		

Week 12 - 07 Oct 2019

Module/Topic	Chapter	Events and Submissions/Topic

Student Research Presentations
Conference Session 1: Monday 7
October 2019 1:00-4:30 PM (AEST)
Conference Session 2: Monday 7
October 2019 5:00-8:30 PM (AEST)
Conference Session 3: Tuesday 8
October 2019 9:00-11:30 AM (AEST)
Conference Session 4: Tuesday 8
October 2019 5:00-8:30 PM (AEST)

Portfolio Research Presentation
Due: Week 12 Monday (7 October
2019)

Review/Exam Week - 14 Oct 2019

Module/Topic	Chapter	Events and Submissions/Topic
		Portfolio Written Research Manuscript Due: Review/Exam Week Friday (18 October 2019) 5:00 pm AEST

Exam Week - 21 Oct 2019

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

Compulsory On-campus Laboratory Activity Information

This unit includes compulsory on-campus laboratory activities. You MUST attend the session(s) specific to your enrollment as outlined below:

Students enrolled via Rockhampton (ROK)

You are required to attend the two-day residential school scheduled for Saturday 10 August and Sunday 11 August 2019 on the Rockhampton North Campus (Bld 81, Exercise and Sport Science Labs). Please see the [CQUniversity Handbook](#) and the ESSC12008 Moodle site for up-to-date information.

Students enrolled via Mackay (MKY)

You are required to attend the two-day block laboratory sessions scheduled for Thursday 15 August and Friday 16th August on the Mackay City Campus (Bld 4, Exercise and Sport Science Labs). Please see the [CQUniversity Handbook](#) and the ESSC12008 Moodle site for up-to-date information.

Students enrolled via Cairns (CNS)

You are required to attend the two-day block laboratory sessions scheduled for Thursday 15 August and Friday 16th August at Cairns Basketball Headquarters (Exercise and Sport Science Labs located at Cairns Basketball Association Headquarters). Please see the [CQUniversity Handbook](#) and the ESSC12008 Moodle site for up-to-date information.

Students enrolled via Mixed Mode (MIX)

You are required to attend the two-day residential school scheduled for Saturday 10 August and Sunday 11 August 2019 on the Rockhampton North Campus (Bld 81, Exercise and Sport Science Labs). Please see the [CQUniversity Handbook](#) and the ESSC12008 Moodle site for up-to-date information.

If you prefer to attend an alternate session to that specified for your enrollment, please contact the Unit Coordinator to discuss options.

Assessment Tasks

1 Online Quizzes

Assessment Type

Online Quiz(zes)

Task Description

There are 2 Online Quizzes (details on each specific quiz can be seen below). Each quiz is worth 10% of the final grade

(total 20% for this assessment item). Each quiz will consist of 20 multiple choice questions to be completed in 40-minutes. Questions on each quiz will be randomly drawn from a larger question bank.

Quiz 1: Opens Week 3 Monday 29 July 2019 9:00 AM (AEST) and Closes Week 4 Monday 5 August 2019 5:00 PM (AEST)

This quiz will cover the equipment covered in Week 2 and 3 - Force Plates, Isokinetic Dynamometry, and Electromyography. The quiz will test your knowledge of the function, characteristics and operation of force plates and load cells, isokinetic dynamometry, and electromyography systems.

Quiz 2: Opens Week 5 Monday 12 August 2019 9:00 AM (AEST) and Closes Week 6 Monday 26 August 2019 5:00 PM (AEST)

This quiz will cover the equipment covered in Week 4 and 5 - 2D and 3D Motion Analysis, Ballistic Measurement System, and Accelerometers. The quiz will test your knowledge of the function, characteristics and operation of 2D and 3D motion analysis systems, ballistic measurement system and accelerometers.

Online quizzes should be completed on a computer, as attempting the quiz on a smartphone or tablet can result in your session being ended in the event of a phone call or notification.

Once you have logged on to the quiz it must be completed within that single session. You CANNOT save the quiz and return to it later.

Further Information will be available on Moodle.

Number of Quizzes

2

Frequency of Quizzes

Other

Assessment Due Date

Quiz 1 Due: Week 4 Monday 5 August 2019 5.00 PM (AEST); Quiz 2 Due: Week 6 Monday 26 August 2019 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).

Return Date to Students

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

Weighting

20%

Minimum mark or grade

Students must achieve 50% or greater for this assessment item

Assessment Criteria

Answers will either be correct or incorrect and tabulated by the Moodle Online Quiz System.

Referencing Style

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

Submission

Online

Submission Instructions

It is recommended that you use a computer to complete each quiz and submit via the Moodle online quiz system

Learning Outcomes Assessed

- Explain the various equipment and measurement techniques used to evaluate biomechanics of human movement

Graduate Attributes

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

2 Written Assessment

Assessment Type

Written Assessment

Task Description

RESEARCH PROPOSAL: You will submit a written document based on a group research proposal (introduction and methods) that will describe your intended research project. To achieve this task groups will self-select into the projects listed on Moodle and elect a team leader to assist with group communications. Each group will consist of a maximum of five members. Further information on group selection and team roles will be provided on Moodle.

- The research proposal will be based on the format and style of the [Journal of Science and Medicine in Sport](#) and must include background literature, study aims/hypotheses, methods (with planned statistical analysis), and references.
- The research proposal length should be between 1000-1500 words (excluding references) following the page setup and reference style provided in the author guidelines of Journal of Science and Medicine in Sport.
- The research proposal will be submitted as a single word document that has two distinct sections. Section A) A draft document (4 to 5 drafts commented and corrected) of the research proposal with all "track changes" to highlight group involvement. The track changes will be in the form of "COMMENTS" made by each group member. Section B) a completed research proposal with no "track changes" COMMENTS that depicts the completed document after the suggested changes have been made.
- Each group member submits 2 documents: the complete research proposal (as above) and a completed cooperative group learning rubric.
- Each student must be able to demonstrate their individual contribution to the document such as literature collected, individual written section completed, content/information provided, corrections to drafts and group input as highlighted in the individual section of the cooperative group learning rubric.
- The group rubric will assess the progressive contribution across all drafts of the research proposal. The individual rubric will assess individual student contributions to their selected written section using the first draft prior to group involvement and will assess literature, content, writing, referencing, and overall contribution to the completed or final draft of the research proposal.
- Each student will be awarded a group (10%) and individual (5%) grade for their contribution to the research proposal.

More details including videos, templates, guidelines, and grading rubrics will be made available for each component on the unit Moodle site.

Assessment Due Date

Research Proposal Due: Week 7 Monday 2 September 2019 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).

Return Date to Students

Week 9 Monday (16 Sept 2019)

The Research Proposal will be returned within 2 weeks of the due date.

Weighting

15%

Minimum mark or grade

Students must achieve 50% or greater for this assessment item

Assessment Criteria

The Research Proposal will be assessed on the following areas: Background literature, aim(s) and hypotheses, methods (subjects, protocols, equipment, and intended statistical analyses), writing style (spelling, grammar and adherence to journal guidelines), group involvement (manuscript drafts must include group word document with "track changes" COMMENTS to highlight group involvement plus a completed group word document without "track changes" COMMENTS plus a cooperative group learning rubric completed by each member of the group. The individual component will be based on student involvement in the group and their contribution to individual written sections, draft comments, research literature contributed, and group involvement.

Referencing Style

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

Submission

Online

Submission Instructions

Two Word documents (.doc or .docx) are to be submitted electronically via the Moodle Online Assignment upload link. A single Word document for the research proposal with two distinct sections: (A) all drafts of the research proposal with all "track changes" to highlight group involvement, and (B) a completed research proposal with no "track changes" COMMENTS that depicts the completed document after the suggested changes have been made. The second Word document submitted is the cooperative group learning rubric.

Learning Outcomes Assessed

- Develop a biomechanical research project to solve problems or answer challenges that one might encounter in the real world

Graduate Attributes

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

3 Portfolio

Assessment Type

Portfolio

Task Description

Assessment Overview:

This Assessment consists of two tasks which make up the Portfolio. Tasks include:

1. Presentation - Due Week 12 Monday 7 2019 (specific presentation times selected via Moodle)
2. Research Manuscript - Due Review/Exam Week Friday 18 2019 5:00 PM (AEST).

Assessment Tasks Detail:

1. Presentation (worth 25% of final grade)

At the completion of the research project you will be asked to prepare a 10-minute presentation regarding your project using PowerPoint. The oral presentation will be completed as an individual and delivered as part of a live 'virtual' conference via Zoom video conferencing application. Following your presentation, you will be asked questions from fellow students/teaching staff during a 5-minute question period.

You will nominate to present and attend one of the following sessions. It is expected that you will be in attendance for the entire session to support your fellow students and participate in the question periods.

Conference Session 1: Monday 7 October 2019 1:00-4:30 PM (AEST)

Conference Session 2: Monday 7 October 2019 5:00-8:30 PM (AEST)

Conference Session 3: Tuesday 8 October 2019 9:00-11:30 AM (AEST)

Conference Session 4: Tuesday 8 October 2019 5:00-8:30 PM (AEST)

Final session times may change based on student selections.

2. Research Manuscript (worth 40% of final grade)

You will be required to complete the group written manuscript commenced as the draft research proposal from assessment task 2, based on your research project that follows the author guidelines for the [Journal of Science and Medicine in Sport](#).

- The research manuscript will be approximately 2000 to 3000 words in length and will conform to your research topic.
- The research manuscript will include a title page, abstract, introduction, aims, methods (subjects, protocols, statistics), results, discussion, conclusion, references, tables and figures.
- The research manuscript will be submitted as two word documents.
- Document (1) is a completed research manuscript with multiple drafts (4 or 5) with all "track changes" to highlight individual/group involvement. The track changes will be in the form of "COMMENTS" made by each group member.
- Document (2) will be a completed research manuscript with no "track changes" COMMENTS that depicts the completed document after all suggested changes have been made.
- Each group member submits (1) the research manuscript document with COMMENTS, (2) the final draft of the corrected research manuscript without COMMENTS, and (3) the cooperative group learning rubric highlighting individual and group contributions.
- The group rubric will assess the progressive contribution across all iterations of the research proposal.
- Each student must be able to demonstrate their individual contribution to the document such as literature

collected, their written section completed, content/information provided, corrections to drafts and group input as highlighted in the individual section of the cooperative group learning rubric.

- The individual rubric will assess the initial contribution to the students selected written section prior to group involvement and will assess literature, content, writing, referencing, and overall contribution to the completed or final draft of the research proposal.
- Each student will be awarded a group (25%) and individual (15%) grade for their contribution to the group submission.

More details including videos, templates, guidelines, and grading rubrics will be made available for each component on the unit Moodle site.

Assessment Due Date

Portfolio Research Presentation: Monday 7 and 8 October 2019. Portfolio Research Manuscript: Friday 18 October 2019 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).

Return Date to Students

Exam Week Monday (21 Oct 2019)

Each component of the portfolio will be returned with feedback within 2 weeks of the due dates.

Weighting

65%

Minimum mark or grade

Students must achieve 50% or greater for this assessment item

Assessment Criteria

The presentation will be assessed on the following areas: introduction, methods, results, discussion, conclusion, practical implications, and presentation skills.

The group manuscript will be assessed on the following areas: introduction, methods, results, discussion, conclusion, practical implications, writing and adherence to author guidelines for Journal of Science and Medicine in Sport.

The individual contribution to the manuscript will be assessed on the following areas: literature contribution, section content, writing, referencing and adherence to author guidelines for Journal of Science and Medicine in Sport.

Each portfolio component will be graded using assessment Rubrics available on the unit Moodle site.

Referencing Style

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

Submission

Online

Submission Instructions

Research presentation will be presented online via Zoom and as such there are no electronic submissions required for Moodle. Please submit all research manuscript components electronically via the unit Moodle site, preferably as a word documents (doc or .docx file). PDF submissions will not be accepted.

Learning Outcomes Assessed

- Critically analysis biomechanical data in relation to measurement of human motion
- Interpret outcomes of biomechanics research project by integrating knowledge in the areas of biomechanics, motor learning and anatomy/physiology

Graduate Attributes

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

4 Compulsory On-campus Activity

Assessment Type

On-campus Activity

Task Description

This assessment involves completion of compulsory laboratory activities of this unit. You are required to attend and demonstrate equipment competency with subject setup and research data collection in the laboratory sessions in one of

the following options:

Students enrolled via Rockhampton (ROK) and Students enrolled via Mix Mode (MIX): Residential school held on Rockhampton North Campus. Week 4 Saturday/Sunday 10 and 11 August 2019 9:00 AM (AEST)

Students enrolled via Mackay (MKY): Block laboratory session held on Mackay City Campus. Week 5 Thursday/Friday 15 and 16 August 2019 9:00 AM (AEST)

Students enrolled via Cairns (CNS): Block laboratory session held at Cairns Basketball Headquarters. Week 5 Thursday/Friday 15 and 16 August 2019 9:00 AM (AEST)

If you miss a practical session, 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 (Section 5.16 - 5.19). This section of the policy is relevant in cases where a student fails to attend a required practical session/residential school within this unit. If a student does not attend a practical session/residential school session, and provides a valid reason, with supporting documentation (see Section 5.26 - 5.29), 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 and the student.

Assessment Due Date

Attendance and equipment competency must be demonstrated at all laboratory sessions completed during laboratory block sessions and/or at residential school during the active term.

Return Date to Students

Attendance and equipment competency will be recorded and assessed during each block laboratory session or residential school session.

Weighting

Pass/Fail

Minimum mark or grade

Students must achieve a pass grade for this assessment item

Assessment Criteria

This assessment item is based on successful participation in laboratory skills that will enable the collection and collation of all research data. Students will be assessed on equipment competency in collecting data from the proposed research projects.

Referencing Style

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

Submission

Offline

Submission Instructions

No documentation is required to be submitted. You will be required to sign attendance sheets for the laboratory sessions.

Learning Outcomes Assessed

- Complete data collection using various biomechanics equipment to measure and evaluate human movement

Graduate Attributes

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