ESSC12008 *Applied Exercise and Sport Biomechanics*
Term 2 - 2020

Profile information current as at 13/12/2025 03:59 pm

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 - 2020

- 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).

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 Moodle

Feedback

Some students had difficulties completing the data analysis component with the Excel files not downloading

Recommendation

All data files collected during residential school will be collated in Excel and available to students to download and save on flash drives at the completion of the residential school. A completed version of the Excel document will also be made available on Moodle in both raw and zipped formats.

Feedback from Email

Feedback

Students asked to provide time in the residential school to analyse data collected on their research projects

Recommendation

More time will be dedicated to the instruction of data analysis for individual research data collected during residential schools. The online Excel library of data analysis techniques will also be extended.

Feedback from Moodle, Email

Feedback

There was a mixed response to group work from students

Recommendation

Learning to work and function with colleagues on dedicated projects is an essential skill. The group work will remain however compulsory ZOOM sessions for each team will be included to assist group dynamics.

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. Examine musculoskeletal symmetry issues and mechanics as they relate to human motion, performance and injury
3. Complete data collection using various biomechanics equipment to measure and evaluate human movement
4. Critically analyse 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

— 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) - 20%	•	•			

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
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
If you prefer to study with a paper copy, they are available at the CQUni Bookshop here: http://bookshop.cqu.edu.au (search on the Unit code). eBooks are available at the publisher's website.

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
- Zoom Video Conferencing Application
- Adobe Acrobat Reader (or similar) software for viewing PDF documents
- Microsft Office (Word, Excel, PowerPoint) or similar software such as Open Office

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

Crystal Kean Unit Coordinator
c.kean@cqu.edu.au

Schedule

Week 1 - 13 Jul 2020

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

Week 2 - 20 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic

Biomechanics of Musculoskeletal Injury	Online Readings	

Week 3 - 27 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
Mechanisms of Musculoskeletal Injury	Online Readings	

Week 4 - 03 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Principles of Force Plates	Chapter 6: Force and Pressure Measurement Online Readings	**Quiz 1** Opens: Week 4 Monday (3 Aug. 2020) 8:00 am AEST

Week 5 - 10 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Principles of Isokinetic Dynamometry	Chapter 8: Isokinetic Dynamometry Online Readings	**Quiz 1** Closes: Week 5 Monday (10 Aug. 2020) 5:00 pm AEST **Case Study** Due: Week 5 Wednesday (12 Aug 2020) 5:00 pm AEST

Vacation Week - 17 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - 24 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
Principles of Electromyography (EMG)	Chapter 7: Surface Electromyography Online Readings	

Week 7 - 31 Aug 2020

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	**Portfolio Part A** Due: Week 7 Wednesday (2 Sept. 2020) 5:00 pm AEST

Week 8 - 07 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
Principles of Linear Transducers, Accelerometers, and Inertial Measurement Units	Online Readings	

Week 9 - 14 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Quiz 2 Opens: Week 9 Monday (14 Sep. 2020) 8:00 am AEST

Week 10 - 21 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Quiz 2 Closes: Week 10 Monday (21 Sep. 2020) 5:00 pm AEST

Week 11 - 28 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Portfolio Part B Due: Week 11 Wednesday (30 Sept. 2020) 5:00 pm AEST

Week 12 - 05 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic

Review/Exam Week - 12 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic

Exam Week - 19 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic

Term Specific Information

Due to COVID-19 restrictions there are some modifications to the delivery mode of this unit as outlined below:

1. There will be no face-to-face on-campus lectures. Lectures will be delivered through a combination of live Zoom sessions and pre-recorded lecture videos.
2. The compulsory On-campus Activity (i.e. Residential School/Laboratory Block sessions) will take place at a date to be advised.

If you do not attend the compulsory on-campus activity sessions as scheduled, 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, which is relevant in cases where a student cannot attend a required practical session/residential school within a unit. If a student does not attend a compulsory sessions, and provides a valid reason, with supporting documentation (as per the assessment policy), 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 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, labeling, and matching questions. Each online quiz is to be completed individually. You may use multiple resources to help
answer the questions. It is your responsibility to log on to Moodle and complete each online quiz during the time the 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. In the absence of an approved extension, no attempts will be permitted after the due date.

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 be held in Week 4 and will assess content related to lectures, tutorials, and compulsory readings/videos associated with Weeks 1 – 3 (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.

Quiz 1 will be available during the following times:
Open Date: Week 4 Monday (3 Aug. 2020) 8:00 am AEST
Close Date: Week 5 Monday (10 Aug. 2020) 5:00 pm AEST
It is your responsibility to log on to Moodle and complete the quiz during the time the quiz is available.

Quiz 2 (10% of final grade)
Quiz 2 will be held in Week 9 and will assess content related to lectures, tutorials, and compulsory readings/videos associated with Weeks 4 – 8 (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.

Quiz 2 will be available during the following times:
Open Date: Week 9 Monday (14 Sep. 2020) 8:00 am AEST
Close Date: Week 10 Monday (21 Sep. 2020) 5:00 pm AEST
It is your responsibility to log on to Moodle and complete the quiz during the time the quiz is available.

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. Each question will be worth 1 mark. 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 to complete each quiz. 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 sbmitted automatically.

Learning Outcomes Assessed

- Explain the various equipment and measurement techniques used to evaluate biomechanics of human movement
- Examine musculoskeletal symmetry issues and mechanics as they relate to human motion, performance and injury

Graduate Attributes

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

2 Case Study

Assessment Type
Written Assessment

Task Description
This assessment will be based on a case study relating to a musculoskeletal injury. You will be required to research and describe the pathophysiology of the injury focusing on the biomechanics and potential mechanism(s) of injury. You will also be required to outline three key/priority assessments you would perform from a biomechanical perspective (this

may include assessments of asymmetry and abnormal movement patterns as they relate to biomechanics) as well as normative data for the assessments.
Please refer to the following guidelines to assist in the completion of your assessment:

- **Word Count:** Specific word count for each section will be provided within the case study documentation.
- **Formatting:** Your submission is to be double-spaced, with 2.54 cm margins on all sides, and all pages numbered consecutively. Use subheadings to identify the response for each question of the case study as well as word count. Use 12-point Times New Roman, Arial, or Calibri font, and set the text alignment to justify.
- **Referencing:** American Psychological Association (APA) 6th edition referencing style is to be used throughout the assessment. This include APA formatted in-text citations throughout each response and a full reference list provided at the end of the submission file. All reference sources must be peer-reviewed journal articles (Note: textbooks, blogs, and other online sources are not acceptable sources).
- **Submission:** Your Word (.doc or .docx) or PDF (.pdf) file is to be submitted via the Written Assessment submission link on the ESSC12008 Moodle page. Only .doc, .docx, .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.

Please be advised the assessment submission will be checked for plagiarism (and other types of academic misconduct). You are advised to familiarise yourself with CQUniversity's Academic Misconduct Procedures. Any assessments suspected of plagiarism (or other type of academic misconduct) will be handled in accordance to CQUniversity's Academic Misconduct Procedures with subsequent penalties applied.
The case study and associated marking rubric will be provided on Moodle.

Assessment Due Date
Week 5 Wednesday (12 Aug 2020) 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 1 September 2020 (without an approved extension).

Return Date to Students
Week 7 Wednesday (2 Sept 2020)

Weighting
15%

Assessment Criteria
Total marks for each question will be specified in the case study file available on Moodle along with a detailed marking rubric. Marks will be awarded based on:

- Relevance of content and level of detail in the response
- Use of suitable references to support the response with correct in-text citations (APA style)
- Ability to communicate through use of appropriate terminology and the clarity and conciseness of the response
- Adherence to assessment guidelines
- Adherence to word count
- Spelling and grammar
- Completeness and formatting of reference list (APA style)

Referencing Style

- American Psychological Association 7th Edition (APA 7th edition)

Submission
Online

Submission Instructions
You are required to submit your assessment electronically via the Case Study submission link on the ESSC12008 Moodle site. Your assessment is to be submitted as a Word (.doc or .docx) or PDF (.pdf) document. 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). Files submitted via email (or any other means beyond the Moodle submission link) will not be marked.

Learning Outcomes Assessed

- Examine musculoskeletal symmetry issues and mechanics as they relate to human motion, performance and injury

Graduate Attributes

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

3 Portfolio

Assessment Type
Portfolio

Task Description
This assessment consists of three (3) parts:
Part A (25% of overall grade): DUE WEEK 7 Wednesday (2 Sept. 2020) 5pm AEST
This part of the portfolio will focus on data analysis and the importance of using valid and reliable equipment as well as outcome measures. You will be provided with sample data from various pieces of equipment used in biomechanics. You will then analyse the data and complete a series of questions pertaining to the provided data. In addition, you will create an infographic/poster summarising a journal article that examines the reliability and/or validity of an outcome measure.

Part B (30% of overall grade): DUE WEEK 11 Wednesday (30 Sept. 2020) 5pm AEST
For this part of the portfolio assessment, you will select two (2) journal articles from a list provided on Moodle. For each selected journal article, you will provide a written critique based on a series of questions provided via the Moodle site. To ensure, variation among students there will be a maximum number of students per article. You will need to confirm your article choices via Moodle by Friday of Week 6. If you do not choose your articles by Friday of Week 6, the Unit Coordinator will assign you two (2) articles.

Part C (10% of overall grade): DUE To be determined (based on scheduling of laboratory blocks/residential school)
For this part of the portfolio you will be to demonstrate your competency in using equipment to collect biomechanics-related data. During the on-campus laboratory block sessions/residential schools you will be assessed on your ability to complete participant set-up and instructions and collect data using various pieces of equipment commonly used in biomechanics. Online resources will be provided prior to the on-campus activities such that you become familiar with the equipment. During the on-campus sessions you will be given time to practice using the equipment with the later portion of the on-campus sessions dedicated to assessing competencies.

Guidelines/instructions and marking rubrics will be provided via Moodle.

Assessment Due Date

Due dates for each portion of the portfolio are set in the Task Description.

Return Date to Students

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

Weighting
65%

Assessment Criteria
Each portion of the portfolio will be judged on the criteria specified below.
Part A (25% of overall grade):

- Data Analysis (15% of the overall grade) - Marks will be awarded based on correctness of analysis methods and responses to set questions
- Infographic (10% of the overall grade) - Marks will be awarded based on: summary of selected journal article; design of infographic; spelling and grammar; and appropriate graphics credits and APA referencing of journal article.

Part B (30% of the overall grade):
Each critique will be worth 15% of the overall grade. Total marks for each question will be specified in the written critique question file available on Moodle. Marks will be awarded based on: relevance of content and level of detail in the response; adherence to word count; spelling and grammar; and use of APA referencing style.
Part C (10% of overall grade):

You will be assessed on your ability to: correctly setup of equipment and participant; provide participant with instructions; and collect data.

Referencing Style

- American Psychological Association 7th Edition (APA 7th edition)

Submission
Offline Online

Submission Instructions
You are required to submit Part A and Part B electronically via the specified Portfolio submission link on the ESSC12008 Moodle site. Appropriate file types will be specified for each portion of the Porfolio Assessment. 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. Part C will be assessed during the Residential School/Laboratory Block Sessions and does not require any documentation to be submitted.

Learning Outcomes Assessed

- Explain the various equipment and measurement techniques used to evaluate biomechanics of human movement
- Complete data collection using various biomechanics equipment to measure and evaluate human movement
- Critically analyse 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
- Ethical practice

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 the on-campus laboratory sessions and demonstrate competency with regards to participant set-up and instructions and data collection using various pieces of equipment commonly used in biomechanics.
To complete this assessment item you must:
1. Sign the attendance sheet. Please note there may be multiple attendance sheets to sign throughout the activity sessions.
2. Demonstrate competency in collecting biomechanics related data through use of various pieces of equipment by achieving a mark of at least 50% on the competency assessment (Part C of Portfolio assessment).
IMPORTANT NOTES:
Due to COVID-19 restrictions, the compulsory On-campus Activity (i.e. Residential School/Laboratory Block sessions) will take place at a date to be advised.
If you cannot attend the compulsory sessions as scheduled, 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, which is relevant in cases where a student cannot attend a required practical session/residential school within a unit. If a student does not attend a compulsory sessions, and provides a valid reason, with supporting documentation (as per the assessment policy), 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

Due date to be determined and will be based on the scheduling of the laboratory block sessions/residential schools.

Return Date to Students

Feedback on performance/competencies will be provided during the laboratory block sessions/residential schools. Grades will be updated in Moodle upon completion of the laboratory block sessions/residential schools.

Weighting
Pass/Fail

Minimum mark or grade
Students must achieve a pass grade for this assessment item

Assessment Criteria
Attendance and equipment competency must be demonstrated throughout the laboratory block sessions/residential schools.

Referencing Style

- American Psychological Association 7th Edition (APA 7th 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
- Critically analyse 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
- 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