



# ECHO13002 Cardiac Assessment Skills 2

## Term 1 - 2018

Profile information current as at 02/10/2022 12:43 pm

All details in this unit profile for ECHO13002 have been officially approved by CQUUniversity 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

To work in the field of electrophysiology and cardiac rhythm management, you must be proficient with the concepts and procedures relating to diagnosis of the cardiovascular system. This unit builds upon the knowledge and skills acquired in Cardiac Assessment 1. You will advance your study of the principles of cardiac electrophysiology, cardiac angiography, non-invasive cardiac and respiratory measurements and a variety of investigation methods used in cardiac diseases. You will interrogate outcomes from clinical assessments. You will participate in simulated clinical scenarios and case studies to contrast appropriate procedures within an ethical framework of best practice and patient safety. You will demonstrate the skills, knowledge and professional behaviours needed to work in a clinical setting, and will be assessed within a simulated environment both on campus and in a specialist simulation centre in Sydney. Attendance at practical activities is required.

### Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: *12*

Student Contribution Band: *8*

Fraction of Full-Time Student Load: *0.25*

### Pre-requisites or Co-requisites

Pre-requisites: ECHO12004 Cardiac Assessment Skills 1 ANDECHO12005 Cardiac Clinical Unit 2

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

### Offerings For Term 1 - 2018

- Sydney

### 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 12-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 25 hours of study per week, making a total of 300 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. **Practical Assessment**

Weighting: Pass/Fail

#### 2. **Objective Structured Clinical Examinations (OSCEs)**

Weighting: Pass/Fail

#### 3. **Written Assessment**

Weighting: 40%

#### 4. **Performance**

Weighting: Pass/Fail

#### 5. **Examination**

Weighting: 60%

### 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](#).

## Unit Learning Outcomes

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

1. Differentiate the aetiology and related cardiac assessment data of common cardiovascular pathologies
2. Describe the relationship between anatomy, pathophysiology and clinical assessment of the cardiovascular system
3. Apply the practical skills and critical thinking necessary to perform, and interrogate the outcomes of, a range of clinical assessments of the cardiovascular system
4. Analyse case-based clinical information to calculate cardiac function, formulate differential diagnoses and plan patient management strategies
5. Display professional behaviour, teamwork and communication skills consistent with safe practice.

Linked to National and International Standards

1. ASAR Accreditation Standards for Cardiac Sonography - critical practice Unit 8 - Cardiac, Foundation units of competence - 1 - 5.
2. European Association of Cardiovascular Imaging Core Syllabus
3. American Registry for Cardiac Sonography Core Syllabus

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
<b>1 - Practical Assessment - 0%</b>			•		
<b>2 - Objective Structured Clinical Examinations (OSCEs) - 0%</b>			•	•	
<b>3 - Written Assessment - 40%</b>	•	•			
<b>4 - Performance - 0%</b>					•
<b>5 - Examination - 60%</b>	•	•		•	

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
<b>1 - Communication</b>	•	•	•	•	•
<b>2 - Problem Solving</b>	•	•	•	•	•
<b>3 - Critical Thinking</b>	•	•	•	•	•
<b>4 - Information Literacy</b>	•	•	•	•	
<b>5 - Team Work</b>					•

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
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 - Practical Assessment - 0%	•	•	•	•		•		•		
2 - Objective Structured Clinical Examinations (OSCEs) - 0%	•	•	•	•		•		•		
3 - Written Assessment - 40%	•	•	•	•		•	•	•		
4 - Performance - 0%	•	•	•		•			•		
5 - Examination - 60%	•	•	•	•		•	•	•		

## Textbooks and Resources

### Textbooks

ECHO13002

#### Prescribed

##### **Cardiac Catheterization Handbook**

6th Edition (2015)

Authors: Morton Kern, Paul Sorajja, Michael Lim

Elsevier

Philadelphia , PA , United States

ISBN: ISBN 10: 0323340393 ISBN 13: 9780323340397

Binding: Paperback

ECHO13002

#### Prescribed

##### **Fogoros' Electrophysiologic Testing**

6th Edition (2017)

Authors: Richard N. Fogoros , John Mandrola

John Wiley & Sons Inc

New York , NY , United States

ISBN: ISBN10 1119235804, ISBN13 9781119235804

Binding: Paperback

#### Additional Textbook Information

Students should have previously purchased Cardiac Catheterization Handbook in Year 2.

[View textbooks at the CQUniversity Bookshop](#)

### IT Resources

**You will need access to the following IT resources:**

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

## Referencing Style

All submissions for this unit must use the referencing style: [Vancouver](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Aidan Rickwood** Unit Coordinator

[a.rickwood@cqu.edu.au](mailto:a.rickwood@cqu.edu.au)

## Schedule

### Week 1 - 05 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Pharmacotherapy in the Cardiac Catheterisation Laboratory		

### Week 2 - 12 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Anticoagulation and concepts of hemostasis		

**Week 3 - 19 Mar 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Anti-platelet therapy following coronary stenting Other cardiac testing modalities; including MRI, CT and Nuclear Medicine		

**Week 4 - 26 Mar 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Fractional flow reserve assessment in coronary angiography Other cardiac testing modalities; including MRI, CT and Nuclear Medicine	Cardiac Catheterization Handbook 6th Edition (2015)	<b>Clinical history taking and procedure consent practical</b> Due: Week 4 Monday (26 Mar 2018) 6:00 pm AEST

**Week 5 - 02 Apr 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Cardiovascular haemodynamics 1: cardiac output and shunts Other cardiac testing modalities; including MRI, CT and Nuclear Medicine	Cardiac Catheterization Handbook 6th Edition (2015)	<b>Reflective Practice Assignment</b> Due: Week 5 Friday (6 Apr 2018) 5:00 pm AEST

**Vacation Week - 09 Apr 2018**

Module/Topic	Chapter	Events and Submissions/Topic

**Week 6 - 16 Apr 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Cardiovascular haemodynamics 2: bidirectional shunt calculations Other cardiac testing modalities; including MRI, CT and Nuclear Medicine	Cardiac Catheterization Handbook 6th Edition (2015)	

**Week 7 - 23 Apr 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Valve Pathology: Right Heart Disorders Principles of CRT pacing and the importance of a 12 lead ECG Upper rate behaviour in cardiac devices	Cardiac Catheterization Handbook 6th Edition (2015) The Nuts and Bolts of Implantable Device Therapy: Pacemakers (2014) Chapter 19 The Nuts and Bolts of Cardiac Resynchronization Therapy (2008) Chapter 14 & 19	

**Week 8 - 30 Apr 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Valve pathology: Left Heart Disorders To test or not to test: DFT in the lab environment and subcutaneous ICDs	Cardiac Catheterization Handbook 6th Edition (2015) The Nuts and Bolts of ICD Therapy (2007) Chapter 5 & 8	<b>Written Assessment</b> Due: Week 8 Friday (4 May 2018) 5:00 pm AEST

**Week 9 - 07 May 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Non-surgical Cardiac Supports SVT discriminators with a review of sensing and detection in ICDs	Cardiac Catheterization Handbook 6th Edition (2015) The Nuts and Bolts of ICD Therapy (2007) Chapter 9	

**Week 10 - 14 May 2018**

Module/Topic	Chapter	Events and Submissions/Topic

Introduction to Transcatheter Aortic Valve Implantation  
Radiologic imaging of cardiac devices

Cardiac Catheterization Handbook 6th Edition (2015)

### Week 11 - 21 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
CRT device tool box and trying to prevent heart failure The downside of right ventricular (RV) pacing	The Nuts and Bolts of Cardiac Resynchronization Therapy (2008) Chapter 23	<b>Cardiac Investigation OSCE</b> Due: Week 11 Tuesday (22 May 2018) 5:00 pm AEST

### Week 12 - 28 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Revision		

### Review/Exam Week - 04 Jun 2018

Module/Topic	Chapter	Events and Submissions/Topic
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### Exam Week - 11 Jun 2018

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

The unit coordinator for ECHO13002 is Paula Boucaut. In the first instance, students are requested to utilise the Moodle Q&A forum for content related questions. As there are multiple content experts teaching into this unit, this enables the most appropriate staff member to respond to your forum post. If the query is of a personal nature, please email p.boucaut@cqu.edu.au or phone my office number (07) 3203 4108.

Weekly tutorials will be held during the term. Specific times and meeting IDs will be posted on the Moodle site.

To give yourself the best chance of success with the unit, please ensure that you undertake all the additional readings and activities that are provided to you.

Please note: Abbott workshops will not form part of ECHO13002 delivery. The workshops delivered in 2017 encompassed all the practical skills required to meet industry expectations of CQU undergraduate students.

## Assessment Tasks

### 1 Clinical history taking and procedure consent practical

#### Assessment Type

Practical Assessment

#### Task Description

For this assessment task, you will be required to conduct a mock 'pre-treatment consultation' with a patient presenting for an exercise stress test. Within the scope of practice appropriate to that of a cardiac physiologist, you will be required to explain the requested procedure protocol to the patient, and gain their consent. Demonstrating effective communication skills, you will be required to establish a concise patient history, elicit patient concerns and expectations, and provide an appropriate discussion surrounding procedure finalisation and result dispersion.

- The role of the patient will be played by a staff member, and an identical patient presentation history will be provided for all practical assessments.
- This is a PASS/FAIL assessment task.
- A rubric for this assessment task is available on the unit Moodle site.

#### Assessment Due Date

Week 4 Monday (26 Mar 2018) 6:00 pm AEST

Clinical History Taking and Procedure Consent Practical Assessment will be conducted during the Scanning Simulation Laboratory (13006) on Monday 26th of March 2018 (week 4)

**Return Date to Students**

Week 6 Monday (16 Apr 2018)

Results will be notified to students after moderation. Failing students will be provided re-sit opportunity during week 6. Students will be individually notified of time and locality.

**Weighting**

Pass/Fail

**Minimum mark or grade**

70%

**Assessment Criteria**

Students will be required to conduct a mock 'pre-treatment consultation' with a patient presenting for an exercise stress test. Students will be assessed on the following criteria:

- Clear introduction of themselves to patient and explanation of their role in procedure
- Explanation of procedure protocol and purpose
- Extract relevant clinical history
- Elicit patient concerns and expectations
- Demonstrate empathy
- Appropriate discussion surrounding procedure finalisation and result dispersion
- Demonstrates effective communication skills

This is a PASS/FAIL assessment with no weighting toward the final overall unit grade. A PASS must be obtained to pass unit overall.

To PASS, a student will be required to demonstrate 'advanced beginner' level of competency (70% GRADE)

A rubric for this assessment task can be found on the Moodle site.

One reattempt will be permitted within week 6 should a student fail the first practical attempt. Failing students will be individually notified of re-sit dates.

**Referencing Style**

- [Vancouver](#)

**Submission**

Offline

**Submission Instructions**

Examiner will record verbal student responses. Student will verify transcription is accurate by authenticating record with signature. Examiner will retain all documentation for moderation and marking.

**Learning Outcomes Assessed**

- Apply the practical skills and critical thinking necessary to perform, and interrogate the outcomes of, a range of clinical assessments of the cardiovascular system

**Graduate Attributes**

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

## 2 Cardiac Investigation OSCE

**Assessment Type**

Objective Structured Clinical Examinations (OSCEs)

**Task Description**

This assessment task requires the completion of 2 separate components. A practical component (Part A) and an interpretation component (Part B).

Part A:

You will be required to obtain a blood pressure recording from the arm of a mock patient, whilst they are briskly walking/jogging on a treadmill, in a simulated exercise stress test.

Part B:

You will be required to correctly interpret information presented in 10 separate clinical scenarios. Each scenario will be presented with a brief clinical history, a relevant method of cardiac investigation and the procedure results. The clinical



scenarios will be based on concepts which students have been introduced to during lectures and tutorial sessions.

- This is a PASS/FAIL assessment with no weighting toward the final overall unit grade. A PASS in BOTH parts of this assessment task must be obtained to pass the unit overall.
- To PASS Part B of this assessment task, a student will be required to demonstrate an 'advanced beginner level' of interpretation competency (70% GRADE).
- One reattempt will be permitted within week 12 should a student fail the first OSCE attempt. Failing students will be individually notified of re-sit dates.

### **Assessment Due Date**

Week 11 Tuesday (22 May 2018) 5:00 pm AEST

Cardiac Investigation OSCE will be conducted on Tuesday 22nd May 2018 (week 11). No results will be released to the students on the day of OSCE examination. Students will be advised of individual examination times.

### **Return Date to Students**

Week 12 Tuesday (29 May 2018)

Results will be notified to students by Tuesday Week 12 after moderation. Failing students will be provided re-sit opportunity during week 12. Students will be individually notified of time and locality.

### **Weighting**

Pass/Fail

### **Minimum mark or grade**

70%

### **Assessment Criteria**

This assessment task requires the completion of 2 separate components. Both components must be successfully passed.

*Part A:*

You will be assessed on your ability to:

- obtain an accurate blood pressure recording whilst the patient is actively walking on the treadmill
- ensure patient support and stabilisation as you extend their arm to perform the blood pressure recording
- ability to trouble shoot if the blood pressure recording is difficult to obtain/hear
- a marking rubric is available on the Moodle unit site

*Part B:*

Students will be asked to review 10 separate clinical cases within a 1 hour time period.

Students will have a 6 minute time limit to answer specific questions associated with each case presented. Each case will be worth 5 marks.

Questions will be based on concepts which students have been introduced to during lectures and tutorial sessions.

Students will not be required to bring a calculator or draft paper.

OSCEs are marked like a written examination, using a standardised rubric with model answers. The OSCE examination will be out of a total of 50 marks.

This is a PASS/FAIL assessment with no weighting toward the final overall unit grade. A PASS must be obtained to pass unit overall.

To PASS, a student will be required to demonstrate an 'advanced beginner level' of interpretation competency (70% GRADE)

Both components must be successfully passed. If either component of this assessment task is failed, ONE re-sit will be permitted. Students will only be required to re-sit the failed component.

### **Referencing Style**

- [Vancouver](#)

### **Submission**

Offline

### **Submission Instructions**

Examiner will record verbal student responses. Student will verify transcription is accurate by authenticating record with signature. Examiner will retain all documentation for moderation and marking.

### **Learning Outcomes Assessed**

- Apply the practical skills and critical thinking necessary to perform, and interrogate the outcomes of, a range of clinical assessments of the cardiovascular system
- Analyse case-based clinical information to calculate cardiac function, formulate differential diagnoses and plan patient management strategies

## Graduate Attributes

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

## 3 Written Assessment

### Assessment Type

Written Assessment

### Task Description

You are to produce a scholarly essay, which cites a variety of sources discussing the role of various cardiac testing modalities in the pre-assessment, implantation and post-procedure monitoring of patients undergoing Trans catheter Aortic Valve Implantation (TAVI).

Word count: Maximum 1500 words count +/- 10%. Submissions not within word count will be penalised and excess words will not be assessed. Word count does not include headings or references, but does include diagram explanations and labelling.

Referencing: Vancouver

Assessment piece to be submitted in word document format. All CQU students have a responsibility to apply academic integrity. Submissions will be reviewed for plagiarism, and standard University policy will be applied if breached.

This task carries a 40% weighting toward the final unit grade. A marking rubric for this assessment task can be found on the Moodle unit site.

### Assessment Due Date

Week 8 Friday (4 May 2018) 5:00 pm AEST

Electronic submission of word document via Moodle site.

### Return Date to Students

Week 10 Friday (18 May 2018)

### Weighting

40%

### Minimum mark or grade

50%

### Assessment Criteria

You will be assessed on your ability to:

- Locate and critically evaluate information
- Recognise pertinent professional information
- Describe practical aspects of cardiovascular investigation techniques relevant to TAVI pre-assesment, implantation and monitoring post procedure.
- Produce a scholarly essay

This task carries a 40% weighting toward the final unit grade. A marking rubric for this assessment task can be found on the Moodle unit site.

### Referencing Style

- [Vancouver](#)

### Submission

Online

### Submission Instructions

Electronic submission of word document via Moodle site.

### Learning Outcomes Assessed

- Differentiate the aetiology and related cardiac assessment data of common cardiovascular pathologies
- Describe the relationship between anatomy, pathophysiology and clinical assessment of the cardiovascular system

### Graduate Attributes

- Communication

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

## 4 Reflective Practice Assignment

### Assessment Type

Performance

### Task Description

This task requires the student to reflect on their previous clinical placement experience. Students are asked to identify:

- what went well
- aspects of the clinical placement experience which were personally challenging
- evidence or examples from clinical placement experience to illustrate these reflections
- future professional development opportunities

Submission should be presented in essay format, in word document format.

Word limit: 400 words +/- 10%

### Assessment Due Date

Week 5 Friday (6 Apr 2018) 5:00 pm AEST

Electronically submit word document via Moodle site.

### Return Date to Students

Week 7 Friday (27 Apr 2018)

Results will be made available to students by the end of week 7 following moderation.

### Weighting

Pass/Fail

### Minimum mark or grade

50%

### Assessment Criteria

You will be assessed on your ability to identify:

- Professional development opportunities
- Acceptable graduate performance attributes in the clinical scenario

This is a PASS/FAIL assessment task that does not carry a weighting toward the final unit grade. Students must achieve a PASS for this assessment task to qualify to pass the unit overall.

Submission should be presented in essay format, in word document format.

Word limit +/- 400 words.

Depending on the way you approach this reflection, you may choose to gain information from sources other than those provided in this unit. If this is the case, you need to appropriately reference this information. Please note, additional research is not a requirement for this reflection.

A marking rubric can be found on the Moodle site.

### Referencing Style

- [Vancouver](#)

### Submission

Online

### Submission Instructions

Electronic submission as a word document via Moodle site.

### Learning Outcomes Assessed

- Display professional behaviour, teamwork and communication skills consistent with safe practice.

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking

- Team Work
- Ethical practice

## Examination

### **Outline**

Complete an invigilated examination.

### **Date**

During the examination period at a CQUniversity examination centre.

### **Weighting**

60%

### **Length**

180 minutes

### **Minimum mark or grade**

50%

### **Exam Conditions**

Closed Book.

### **Materials**

Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).

## 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