



EDSE12026 Graphics and 2D Computer Aided Design Technologies

Term 1 - 2018

Profile information current as at 12/05/2024 09:24 pm

All details in this unit profile for EDSE12026 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 provides an introduction to graphical and 2 dimensional computer-aided design (CAD). It provides the necessary skills for the demonstration of practical and theoretical knowledge thus enabling you to teach Graphics and 2D CAD in the discipline of Industrial Technology and Design in the middle years of schooling (7-10). You will design, develop, adapt and evaluate projects utilising critical aspects of knowledge about graphics and 2 dimensional drawing. You will develop hands-on drawing skills and the ability to work with 2 dimensional design technologies.

Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 7

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

There are no requisites for this unit.

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

Offerings For Term 1 - 2018

- Distance

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. **Written Assessment**

Weighting: 50%

2. **Practical Assessment**

Weighting: 50%

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 Students

Feedback

This was the first time a lot of us had done any sort of graphics work, so we need some videos that would actually show us how to do each step.

Recommendation

Provide more content for students including demonstration videos.

Unit Learning Outcomes

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

1. Understand the use, development and impact of design concepts through the use of graphical and 2 dimensional communication.
2. Apply graphical and 2 dimensional design concepts and procedures.
3. Plan, sequence, implement and assess graphics used in the production of projects.
4. Recognise and apply basic skills sequences and procedures using design processes required for teaching Graphics and 2 D CAD technologies.
5. Critically evaluate specific applications of tools and equipment used in the production of Graphics and 2 D CAD technologies.
6. Apply appropriate workplace health and safety and maintenance practices when engaging in design activities.
7. Communicate and work professionally in peer learning teams

Australian Institute for School Leadership (AITSL, 2013), Professional Standards for Teachers (Graduate Level):

Standard 2: Know the content and how to teach it

2.1 Content and teaching strategies of the teaching area; 2.2 Content selection and organisation

Standard 4: Create and maintain supportive and safe learning environments

4.4 Maintain student safety

Standard 6: Engage in professional learning

6.2 Engage in professional learning and improve practice; 6.3 Engage with colleagues to improve practice.

Standard 7: Engage professionally with colleagues, parents/carers and the community.

7.2 Comply with legislative, administrative and organisational requirements; 7.4 Engage with professional teaching networks and broader communities.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes						
	1	2	3	4	5	6	7
1 - Written Assessment - 50%	●	●	●	●	●	●	
2 - Practical Assessment - 50%	●	●	●	●	●	●	●

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes						
	1	2	3	4	5	6	7
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

[illegible]

Textbooks and Resources

Textbooks

EDSE12026

Prescribed

Graphics - Introductory Worksheets

Edition: 1 (1995)

Authors: Schlyder, D & Baker, B

P.C.S. Publications

Toowoomba , Qld , Australia

Binding: Paperback

EDSE12026

Prescribed

Graphics - Stage B Worksheets

Edition: 1 (1997)

Authors: Schlyder, D

P.C.S. Publications

Toowoomba , Qld , Australia

Binding: Paperback

EDSE12026

Prescribed

Graphic - Stage A Worksheets

Edition: 1 (2016)

Authors: Schlyder, D & Baker, S

P.C.S. Publications

Toowoomba , Qld , Australia

Binding: Paperback

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- AutoDesk AutoCAD Software

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

Brad Connolly Unit Coordinator

b.connolly@cqu.edu.au

Schedule

Week 1 - 05 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Pictorial Representations (Oblique & Isometric)

Worksheets:

- Introductory Sheets - 4 (Classwork & Extension)
- Introductory Sheets - 6 (Classwork & Extension)
- Stage A - A01 (Exercises 1 & 2)
- Stage A - A04 (Exercises 1 & 2)
- Stage A - A31 (Exercise 4)
- Stage A - A39 (Exercise 3)

Software:

Autodesk 2017 - Start familiarising yourself with the drafting & annotation ribbon layout & commands.

Equipment:

Setsquares, T-square (30 cm), pencils (HB, 2B, 2H), black fine liner (~0.4mm), ruler, eraser, A4 & A3 paper (~10 each), compass.

Activity: Complete, scan and save all drawing sheets as PDF files. Remember to complete the title blocks and ensure the scans are of high enough quality that they clearly show enough detail (even the construction lines).

Download: Install AutoCAD 2017 from the Autodesk website

Week 2 - 12 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Pictorial Representations (Perspective & Planometric)	Worksheets: <ul style="list-style-type: none"> · Introductory Sheets - 7 (Classwork & Extension) · Stage A - A24 (Exercise 1 & 2) · Stage A - A36 (Exercises 1,3 & 4) · Stage B - B17 (Exercises 1 & 2) Software: Autodesk 2017 - Continue to familiarise yourself with the drafting and annotation ribbon layout & commands.	Activity: Complete, scan and save all drawing sheets as PDF files. Remember to complete the title blocks and ensure the scans are of high enough quality that they clearly show enough detail (even the construction lines). Note: Rendering is not required for this week's exercises.

Week 3 - 19 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
(Surface developments & Drawing Standards)	Worksheets: <ul style="list-style-type: none"> · Introductory - 9 (Classwork & Extension) · Introductory - 10 (Classwork & Extension) · Stage A - A13 (Exercises 2 & 4) · Stage A - A17 (Exercises 1 & 2) 	Activity: Complete, scan and save all drawing sheets as PDF files. Remember to complete the title blocks and ensure the scans are of high enough quality that they clearly show enough detail (even the construction lines).

Week 4 - 26 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
(Orthographic)	Worksheets: <ul style="list-style-type: none"> · Introductory Sheets - 14 (Classwork & Extension) · Introductory Sheets - 16 (Classwork only) · Introductory Sheets - 18 (Classwork & Extension) · Stage A - A16 (Exercises 1 & 3) 	Activity: Complete, scan and save all drawing sheets as PDF files. Remember to complete the title blocks and ensure the scans are of high enough quality that they clearly show enough detail (even the construction lines). Assessment Due: Written Assessment Part A (Technical Drawing Folio)

Week 5 - 02 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Mandatory Residential School

Practical Assessment

- Sketching
- Surface Developments
- Geometric Construction
- Pictorial Representations
- Orthographic Projection
- 2D CAD Techniques
- Design Process Assignment Review

Dates: 03-04-2018 & 05-04-2018
 Venue: CQU Trades Training Centre
 Room: G.07 & G.10
 Venue: Kelvin Grove State College
 Room: TBA

Activity:

- Understanding the design/engineering process.
- Concept drawing/sketching, manual drafting and computer-aided design.
- Pictorial and orthographic views, surface developments and solid geometry.
- CAD tools, processes and layouts.

Assessment Due: Practical Assessment

Part A (Concept Drawing Folio)

Part B (Technical Drawing Folio)

Part C (CAD Folio)

Date: Week 5 Sunday (8 Apr 2018)

Time: 11:55 pm AEST

Submitted online via moodle site

Compile all work. Scan and save all concept drawings and manual drafts ensuring all scans are of high enough quality that they clearly show all details and annotations. CAD drawings must be saved as a dwg file. Title the files including your full name and assessment part. For example;

MitchAitkenPracticalAssessmentPartAConcept Drawings.pdf

MitchAitkenPracticalAssessmentPartBTechnical Drawings.pdf

MitchAitkenPracticalAssessmentPartCCAD.pdf

Vacation Week - 09 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Week 6 - 16 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
CAD (Solid Geometry/Geometric Construction)	Worksheet · Stage A - A03 (Exercise 2) · Stage A - A06 (Exercise 6)	Activity: Complete CAD exercises in model space and then present work on a layout page. Save the drawing file and include your full name in the title. Remember to use the template developed at Residential School.

Week 7 - 23 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
CAD (Solid Geometry/Geometric Construction)	Worksheet: · Stage A - A38 (Exercises 1 & 2) · Stage B - B02 (Exercises 1 & 4)	Activity: Complete CAD exercises in model space and then present work on a layout page. Save the drawing file and include your full name in the title. Remember to use the template developed at Residential School.

Week 8 - 30 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
CAD (Orthographic)	Worksheet: · Stage A - A22 (Exercise 2) · Stage B - B15 (Exercise 1)	Activity: Complete CAD exercises in model space and then present work on a layout page. Save the drawing file and include your full name in the title. Remember to use the template developed at Residential School. Assessment Due: Written Assessment Part B (CAD Folio)

Week 9 - 07 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Design/Engineering Process

Written Assessment Part C (Resource Folio)

Activity: Resources Folio: You are required to collect and develop a range of teaching resources and learning tasks, which facilitate each stage of the design/engineering process, **and are suitable for year 9-10 graphics project.** The tasks and resources are to be short, effective and engaging. Activities must provide opportunities for students to apply and demonstrate an understanding of graphic skills concepts, principles and conventions.

All resources and tasks are to be collated using the PowerPoint template provided. Save the document as a PDF and ensure the scans are of high enough quality that they clearly show all details.

Week 10 - 14 May 2018

Module/Topic

Chapter

Events and Submissions/Topic

Activity: Continue task set in week 9 (Resource Folio).

Assessment Due: Written Assessment Part C (Resource Folio)

Date: 18th May 2018

Time: 11:55pm AEST

Submit assessment online via the moodle site

Design/Engineering Process

Written Assessment Part C (Resource Folio)

Compile learning tasks into the Resource Folio Template (PowerPoint). Save Resource Folio as a PDF file ensuring all scans are of high enough quality that they clearly show all details. Title the pdf file including your full name and assessment task. For example;

MitchAitkenWrittenAssessmentPartCResourceFolio.pdf

Week 11 - 21 May 2018

Module/Topic

Chapter

Events and Submissions/Topic

Design/Engineering Process

Written Assessment Part D (Graphics Project)

Activity: Graphic Project: You are required to produce an exemplar of a Year 9-10 Graphics project, which demonstrates sketching, manual drafting and 2D CAD skills. The exemplars are to be the outcomes of the learning tasks outlined in Part C of the written assessment. Follow the design process to investigate, develop, produce and appraise a suitable solution suitable for one of the design briefs provided. Your work must demonstrate an understanding and application of a range of graphical concepts, skills, principles and conventions. All work is to be collated using the PowerPoint template provided. Save the document as a PDF and ensure the scans are of high enough quality that they clearly show all details.

Week 12 - 28 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Design/Engineering Process	Written Assessment Part D (Graphics Project)	Activity: Continue task set in week 11 (Graphics Project) Assessment Due: Written Assessment Part D (Graphics Project) Date: 1 st June 2018 Time: 11:55pm AEST Submit assessment online via the moodle site. Compile all work into the Graphics Project Template (PowerPoint). Save Graphics Project as a PDF file ensuring all scans are of high enough quality that they clearly show all details and annotations. Title the pdf file including your full name and assessment task. For example; MitchAitkenWrittenAssessmentPartDGraphicsProject.pdf

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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Assessment Tasks

1 Resource folios & Graphic Project

Assessment Type

Written Assessment

Task Description

The written assessment tasks explore concept drawings, manual drafting, computer-aided design and the design process. Initially series of drawing exercises will introduce you to pictorial views, orthographic views and surface developments. Task A involves basic graphic concepts and skills while task B covers exercises that are more complex. Tasks C and D are an opportunity to build a collection of resources that can be used to teach graphics. Task C requires

you to select, adapt and create learning tasks that will engage students in each stage of the design process to solve design problems. These tasks will then be utilised to complete task D. Task D is to be an explicit example of what the students are to produce for each stage of the design process. Both tasks C and D must teach and demonstrate concept drawings, manual drafting and computer aided design.

This assessment task consists of 4 parts:

Part A - 10%

Technical Drawings Folio: You are required to utilise methods, techniques, procedures and standards in producing a collection of manual drafted drawings, which exemplifies a range of graphical presentations suitable for teaching in the middle years of schooling.

All drawings are to be collated in order of completion and in a single PDF document. Ensure the scans are of high enough quality that they clearly show all details (in particular firming lines and annotations).

Part B - 10%

CAD Folio: You are required to utilise methods, techniques, procedures and standards in producing a collection of computer aided designs, which exemplifies a range of graphical presentations suitable for teaching in the middle years of schooling.

All CAD drawings are to be saved as (dwg) files, and titles must include your full name and page number.

Part C - 15%

Resources Folio: You are required to collect and develop a range of teaching resources and learning tasks, which facilitate each stage of the design/engineering process. The tasks and resources are to be short, effective and engaging. Activities must provide opportunities for students to apply and demonstrate an understanding of graphic skills concepts, principles and conventions. Learning task must endeavour to meet the achievement standards outline by Australian Curriculum.

All resources and tasks are to be collated using the PowerPoint template provided. Save the document as a PDF and ensure the scans are of high enough quality that they clearly show all details.

Part D - 15%

Graphic Project: You are required to produce an exemplar of a Year 9-10 graphics project, which demonstrates sketching, manual drafting and CAD skills. The exemplars are to be the outcomes of the learning tasks outlined in Part C of the written assessment. Follow the design process to investigate, develop, produce and appraise a suitable solution suitable for one of the design brief provided. Your work must demonstrate an understanding and application of a range of graphical concepts, skills, principles and conventions.

All work is to be collated using the PowerPoint template provided. Save the document as a PDF and ensure the scans are of high enough quality that they clearly show all details.

Assessment Due Dates

Part A (Technical Drawing Folio) Week 4 Friday (30th March 2018) 11:55pm AEST

Part B (CAD Folio) Week 8 Friday (4th May 2018) 11:55pm AEST

Part C (Resource Folio) Week 10 Friday (18th May 2018) 11:55pm AEST

Part D (Graphics Project) Week 12 Friday (1st June 2018) 11:55pm AEST

Submission Tasks submitted online via Moodle

Return Date to Students Exam Week Friday (15-Jun-2018)

Returned to students upon moderation and certification of grades

Weighting 50%

Assessment Criteria

- Comprehension of a range of graphical procedures, principles, and conventions.
- Comprehension of the design process.
- Creation of technical drawings that meet requirements.
- Creation of computer aided designs that meet requirements.
- Appropriate selection and development of learning tasks
- Use of language conventions and technical vocabulary.
- Description of relevant design criteria.
- Interpretation and analysis of graphical and design information.
- Use of a range of graphical skills to produce graphical products responsive to the needs of particular audiences.
- Synthesis of ideas to develop solutions.

Referencing Style

American Psychological Association (APA)

Submission

Online

Submission Instructions

Task submitted through Moodle

Learning Outcomes Assessed

- Understand the use, development and impact of design concepts through the use of graphical and 2 dimensional communication.
- Apply graphical and 2 dimensional design concepts and procedures.

- Plan, sequence, implement and assess graphics used in the production of projects.
- Recognise and apply basic skills sequences and procedures using design processes required for teaching Graphics and 2 D CAD technologies.
- Critically evaluate specific applications of tools and equipment used in the production of Graphics and 2 D CAD technologies.
- Apply appropriate workplace health and safety and maintenance practices when engaging in design activities.

Graduate Attributes

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

Assessment Due Date

Part A (Technical Drawing Folio) Week 4 Friday (30th March 2018) 11:55pm AEST Part B (CAD Folio) Week 8 Friday (4th May 2018) 11:55pm AEST Part C (Resource Folio) Week 10 Friday (18th May 2018) 11:55pm AEST Part D (Graphics Project) Week 12 Friday (1st June 2018) 11:55pm AEST

Return Date to Students

Exam Week Friday (15-Jun-2018) Returned to students upon moderation and certification of grades

Weighting

50%

Assessment Criteria

- Comprehension of a range of graphical procedures, principles, and conventions.
- Comprehension of the design process.
- Creation of technical drawings that meet requirements.
- Creation of computer aided designs that meet requirements.
- Appropriate selection and development of learning tasks
- Use of language conventions and technical vocabulary.
- Description of relevant design criteria.
- Interpretation and analysis of graphical and design information.
- Use of a range of graphical skills to produce graphical products responsive to the needs of particular audiences.
- Synthesis of ideas to develop solutions.

Referencing Style

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

Submission

Online

Submission Instructions

Task submitted through Moodle

Learning Outcomes Assessed

- Understand the use, development and impact of design concepts through the use of graphical and 2 dimensional communication.
- Apply graphical and 2 dimensional design concepts and procedures.
- Plan, sequence, implement and assess graphics used in the production of projects.
- Recognise and apply basic skills sequences and procedures using design processes required for teaching Graphics and 2 D CAD technologies.
- Critically evaluate specific applications of tools and equipment used in the production of Graphics and 2 D CAD technologies.
- Apply appropriate workplace health and safety and maintenance practices when engaging in design activities.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy

- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

2 Practical Assessment Folio of Work

Assessment Type

Practical Assessment

Task Description

The residential school introduces students to sketching, manual drafting and 2D computer aided design using AutoCAD, and targets topics and applications for the junior year levels. You will be taught how to represent design concepts quickly on paper, create pictorial views, use lighting to enhance drawings with shading and shadows, refine ideas by applying technical drawing techniques, and use 2D commands to construct templates, symbols, orthographic views and surface developments.

This assessment task consists of 3 parts:

Part A - 20%

Concept Drawings Folio: You are required to utilise methods, techniques, procedures and standards in producing a collection of sketches, that exemplifies a range of graphical presentations suitable for teaching in the middle years of schooling

All drawings are to be collated in order of completion and in a single PDF document. Ensure the scans are of high enough quality that they clearly show all details (in particular firming lines and annotations).

Part B - 15%

Technical Drawings Folio: You are required to utilise methods, techniques, procedures and standards in producing a collection of manual drafted drawings, that exemplifies a range of graphical presentations suitable for teaching in the middle years of schooling

All drawings are to be collated in order of completion and in a single PDF document. Ensure the scans are of high enough quality that they clearly show all details (in particular construction lines, firming lines and annotations).

Part C - 15%

CAD Folio: You are required to utilise methods, techniques, procedures and standards in producing a collection of computer aided designs, that exemplifies a range of graphical presentations suitable for teaching in the middle years of schooling

All CAD drawings are to be saved as (dwg) files, and titles must include your full name and page number.

Assessment Due Date: Parts A, B & C Week 12 Sunday (08-April-2018) 11:55 PM AEST

Submission Completed at residential school and submitted online via moodle

Return Date to Students Monday (16 Apr 2018)

Results posted in to Moodle

Assessment Due Date

A, B & C Week 12 Sunday (08-April-2018) 11:55 PM AEST

Return Date to Students

Completed at residential school and submitted online via moodle Return Date to Students Monday (16 Apr 2018) Results posted in to Moodle

Weighting

50%

Assessment Criteria

- Comprehension of a range of graphical procedures, principles, and conventions.
- Use of a range of graphical skills to produce concept drawings.
- Creation of technical drawings that meet requirements.
- Creation of computer aided designs that meet requirements.
- Ability to work independently and professionally from instruction.

Referencing Style

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

Submission

Online

Submission Instructions

Task submitted through Moodle

Learning Outcomes Assessed

- Understand the use, development and impact of design concepts through the use of graphical and 2 dimensional communication.
- Apply graphical and 2 dimensional design concepts and procedures.
- Plan, sequence, implement and assess graphics used in the production of projects.
- Recognise and apply basic skills sequences and procedures using design processes required for teaching Graphics and 2 D CAD technologies.
- Critically evaluate specific applications of tools and equipment used in the production of Graphics and 2 D CAD technologies.
- Apply appropriate workplace health and safety and maintenance practices when engaging in design activities.
- Communicate and work professionally in peer learning teams

Graduate Attributes

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

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem